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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nAPP2304056216
District RP	
Facility ID	
Application ID	

Volume/Weight Recovered (provide units)

Release Notification

Responsible Party

			Kes	honsi	idie I ai t	y		
Responsible	Party Earth	nstone Operat	ing, LLC		OGRID 3	31165		
Contact Name Chris Martin					253-9998 Ext. 2653	}		
		@earthstonee	nergy.com			(assigned by OCD)		
		600 N. Marier		000. N	⊥ ⁄Iidland, T	X 79701		
L			Location					
Latitude 32	.282943				Longitude	-104.26817	0	
			(NAD 83 in de	ecimal de	grees to 5 deci	nal places)		
Site Name M	cCord En	nterprises 23 V	VCA #002H		Site Type	Production F	 Pad	
Date Release	Discovered	1/27/23			1	plicable) 30-015		-
Unit Letter	Section	Township	Range		Cour	nty]	
М	23	23S	26E	Edd		<u>, </u>	_	
Surface Owne	er: State	Federal Tr	ribal Private ((Name:	Almond		LLC	_)
Crude Oi		Volume Released		h calcula	tions or specific		e volumes provided below) overed (bbls) 10	
Produced	Water	Volume Release	ed (bbls)			Volume Reco	overed (bbls)	
		Is the concentrate produced water	tion of dissolved	chlorid	e in the	Yes N	lo	
Condensa	ate	Volume Release				Volume Reco	overed (bbls)	
Natural C	Natural Gas Volume Released (Mcf)				Volume Reco	overed (Mcf)		

Cause of Release Loss of air supply to the separator which caused the dump valve to hang open.

Volume/Weight Released (provide units)

Other (describe)

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Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	sible party consider this a major release?
☐ Yes ☐ No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	Initial Ro	esponse
The responsible	party must undertake the following actions immediatel	unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
☑ The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.
	ecoverable materials have been removed and d above have <u>not</u> been undertaken, explain v	
D 1015200D (A) NA		
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release notinent. The acceptance of a C-141 report by the Cate and remediate contamination that pose a thre	pest of my knowledge and understand that pursuant to OCD rules and frications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name: Rebeco	a Haskell	Title: Senior Project Magager
Signature: Rebecci	a Haskell	
email: bhaskell@ntg	lobal.com	Telephone: 432-766-1918
OCD Only		
Received by:		Date:

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District RP		
Facility ID		
Application ID		

Site Assessment/Characterization

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?	Unknown (ft bgs)	
Did this release impact groundwater or surface water?	☐ Yes ☒ No	
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes 🏻 No	
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No	
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No	
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No	
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No	
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes 🏻 No	
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No	
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes 🏻 No	
Are the lateral extents of the release overlying an unstable area such as karst geology?	X Yes ☐ No	
Are the lateral extents of the release within a 100-year floodplain?		
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes 🏻 No	
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.		
Characterization Report Checklist: Each of the following items must be included in the report.		
 \infty Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. \infty Field data 		
Data table of soil contaminant concentration data		
Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release		
Boring or excavation logs		
Photographs including date and GIS information Topographic/Aerial maps		
☐ Topographic/Aerial maps ☐ Laboratory data including chain of custody		

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Page 4 Oil Conservation Division

Received by: Shelly Wells

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

Printed Name: Rebecca Haskell

Title: Senior Project Magager

Date: 7/18/23

email: bhaskell@ntglobal.com

Telephone: 432-766-1918

Date: 7/21/2023

ived by OCD: 7/21/2023 12:00:18 AM Page 5 of 140

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Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.	
Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)		
Deferral Requests Only: Each of the following items must be con	firmed as part of any request for deferral of remediation.	
Contamination must be in areas immediately under or around predeconstruction.	oduction equipment where remediation could cause a major facility	
Contamination does not cause an imminent risk to human health	a, the environment, or groundwater.	
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of	
Printed Name: Rebecca Haskell	Title: Senior Project Magager	
Signature: Rebecca Haskell	Date: 7/18/23	
email: bhaskell@ntglobal.com	Telephone: 432-766-1918	
OCD Only		
<u>OCD OIIIy</u>		
Received by: Shelly Wells	Date:	
☐ Approved ☐ Approved with Attached Conditions of	Approval	
Signature:	Date:	

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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.			
A scaled site and sampling diagram as described in 19.15.29.11 NMAC			
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)			
■ Laboratory analyses of final sampling (Note: appropri	ate ODC District office must be notified 2 days prior to final sampling)		
Description of remediation activities			
and regulations all operators are required to report and/or fil may endanger public health or the environment. The accept should their operations have failed to adequately investigate human health or the environment. In addition, OCD accept compliance with any other federal, state, or local laws and/or restore, reclaim, and re-vegetate the impacted surface area to	complete to the best of my knowledge and understand that pursuant to OCD rules le certain release notifications and perform corrective actions for releases which tance of a C-141 report by the OCD does not relieve the operator of liability e and remediate contamination that pose a threat to groundwater, surface water, ance of a C-141 report does not relieve the operator of responsibility for or regulations. The responsible party acknowledges they must substantially to the conditions that existed prior to the release or their final land use in to the OCD when reclamation and re-vegetation are complete.		
Printed Name: Rebecca Haskell	Title: Senior Project Magager		
Signature: Rebecca Haskell	Date: 7/18/23		
email: bhaskell@ntglobal.com	Telephone: 432-766-1918		
OCD Only			
Received by:	Date:		
	ble party of liability should their operations have failed to adequately investigate and surface water, human health, or the environment nor does not relieve the responsible two and/or regulations.		
Closure Approved by:	Date:		
Printed Name:	Title:		



701 Tradewinds Blvd Midland, Texas 79707 Tel. 432-766-1918 www.ntgenvironmental.com

July 18, 2023

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Site Characterization and Deferral/Closure Request

McCord Enterprises 23 WCA #002H

Earthstone Operating, LLC

Site Location: Unit M, S23, T23S, R26E (Lat 32.282943°, Long -104.268170°)

Eddy County, New Mexico Incident ID: nAPP2304056216

1. Introduction

On behalf of Earthstone Operating, LLC (Earthstone), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Deferral/Closure Report for the NMOCD District 2 Office in Artesia, New Mexico for documentation of site assessment, remedial action activities, and analysis at the McCord Enterprises 23 WCA #002H (Site). The Site is located within Unit Letter M, Section 23 of Township 23 South and Range 26 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.282943° N latitude and -104.268170° W Longitude. The release occurred on private land owned by Almond Opportunity LLC. Figure 1 depicts the site location with respect to the nearest town and Figure 2 shows the topographic map of the site.

2. Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release occurred on January 27, 2023. The release was due to a loss of air supply to the separator which caused the dump valve to remain open. Approximately fourteen (14) barrels (bbls) of crude oil were released, of which ten (10) bbls were recovered, which resulted in an approximate net loss of four (4) bbls of crude oil. Upon discovery, the well was shut-in, and area secured with free liquids removed via a vacuum truck. The release footprint is shown on Figure 3. The Release Notification, Site Assessment/Characterization, Remediation Plan, and Closure portions of Form C-141 for incident number nAPP2304056216 are attached to the front of this report.

3. Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known depth to groundwater sources and or features within a half mile radius of the location. No other receptors (water wells, playas, wetlands, waterways, lakebeds or

Creating a Better Environment For Oil & Gas Operations

Mr. Mike Bratcher July 18, 2023 Page 2 of 3

ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst map the site is located within a High Karst area. The site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) is provided in Attachment A.

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMCA) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12).

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
High	Unknown

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Chloride	TPH	TPH	BTEX	Benzene
		(GRO+DRO+MRO)	(GRO+DRO)		
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg		50 mg/kg	10 mg/kg
Notes: = not defined					

4. Soil Delineation Activities and Analytical Results

On January 30, 2023, NTGE was onsite to conduct an initial delineation assessment whereby three (3) vertical sample points (S-1 through S-3) and five (5) horizontal sample points (H-1 through H-5) were installed to delineate the area. The samples were collected from depths ranging from zero (0) to three and a half (3.5) feet (ft) below ground surface (bgs) with a geotechnical hand auger and submitted to Eurofins Laboratory in Midland Texas for analyses of benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by EPA Method 8015 modified, and chloride by EPA Method 300.0. Analysis indicated that one (1) sample (S-1 at 2'-2.5') exhibited a chloride concentration that exceeded Table I Closure Criteria. Figure 3 depicts the initial delineation sample locations, with analytical results provided on Table 1, Summary of Soil Analytical Data, Laboratory reports are included in Appendix E.

5. Remedial Action Activities and Confirmation Sampling

Based on the initial assessment results, Standard Safety and Supply (Standard), proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. All confirmation samples were five (5) point composites, collected from areas representing no more than two hundred (200) square feet. The samples were submitted to Cardinal Labs of Hobbs, New Mexico for analysis of BTEX by EPA Method 8021B, TPH by EPA Method 8015M, or chlorides by EPA Method

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Mr. Mike Bratcher July 18, 2023 Page 3 of 3

SM4500CI-B.

Upon completion of initial excavation activities, NTGE was on site April 10, 2023, to collect thirteen (13) base composite samples (CS-1 through CS-13) and six (6) sidewall composite samples (SW-1 through SW-6). Additionally, on April 4, 2023, four (4) deferral samples (VD-1 through VD-4) were collected at (2'-2.5') ft bgs for VD-1 through VD-3 and (3'-3.5') ft bgs for VD-4 to ensure the vertical delineation was achieved within the deferral area adjacent to the onsite vertical heater treaters. Analytical results indicated that CS-6, CS-12, SW-4, and SW-5 exhibited chloride concentrations above Table 1 Closure Criteria with SW-5 also exhibiting TPH concentrations above Table 1 Closure Criteria. All other samples were below Table I Closure Criteria. Based on the analytical results, NTGE and Standard further excavated the impacted areas.

On April 20, 2023, after further excavation by Standard, NTGE conducted a confirmation sampling event, whereby five (5) composite bottom hole confirmation samples (CS-6A, CS-12A, and CS-14 through CS-16) and seven (7) sidewall composite samples (SW-4A, SW-5A, SW-7 through SW-11) were collected and submitted for analysis. All confirmation samples exhibited concentrations below Table I Closure Criteria.

After further excavation, NTGE returned to the site on April 28, 2023, to collect two (2) bottom hole confirmation samples (CS-17 and CS-18), one (1) sidewall composite sample (SW-12), and two (2) deferral samples (VD-5 and HD-6). The samples were collected and submitted to the laboratory for analysis. All confirmation samples exhibited concentration results were below Table I Closure Criteria with the exception of CS-17 which exhibited chloride concentrations above Table I Closure Criteria. Based on the analytical results, NTGE and Standard further excavated the impacted area.

On May 4, 2023, after further excavation by Standard, NTGE conducted a confirmation sampling event, whereby one (1) composite bottom hole (CS-17A) and one (1) sidewall composite sample (SW-13) were collected and submitted for analysis. Analytical results indicated concentrations were below the Table I Closure Criteria. See Table 2 for analytical results and Figure 4 for sampling locations. Laboratory Analytical Reports are provided in Attachment E. A photographic log is provided as Attachment B and Confirmation Sampling Notifications are provided as Attachment C.

On May 2, 2023, NTGE on behalf of Earthstone submitted an email requesting an extension for the project remediation activities. The extension was granted on May 3, 2023, by the NMOCD until July 27, 2023. See Attachment D for the extension request and approval.

6. Soils Disposition and Backfill Activities

Between April 13 and May 18, 2023, approximately 244.33 tons of impacted material was transported offsite for disposal at Lea Land, LLC located thirty (30) miles East of Carlsbad, New Mexico. Upon completion of the excavation, the site was backfilled with like-sourced materials and brought up to surface grade. Manifests are available upon request and aren't included in this report due to the size of the file.

NTGE Project No.: 236891



Mr. Mike Bratcher July 18, 2023 Page 4 of 3

7. Closure and Deferral Request

Based on the assessment, remediation efforts, and requisite confirmation sampling, the Site is in compliance with NMOCD regulatory standards with the exception of the area within the berm around the onsite vertical heater treaters. Further remediation of the area around the vertical heater treaters was not feasible due to tight quarters and without destabilizing the equipment. As such, approximately one (1) to two (2) feet of impacted soil was left in-situ at the site (based on deferral samples VD-1 through VD-5) within a surface area of approximately one thousand one hundred and twenty-nine (1,129) square feet. Based on the supporting documentation provided in this report, NTGE, on behalf of Earthstone respectfully requests closure for nAPP2304056216 with deferral of soils left insitu above NMOCD standards near soil samples VD-1 through VD-5, until time of abandonment or upgrade of equipment allows for accessibility to the area. The Release Notification, Site Assessment/Characterization, Remediation Plan, and Closure portions of the NMOCD form C-141 are included at the front of this report.

If you have any questions regarding this report or need additional information, please contact us at 432-685-3898.

Sincerely,

NTG Environmental

Jeff Kindley, P.G

Senior Project Manager/Geologist

Attachments:

Figure 1 – Area Location Map

Figure 2 - Topographic Map

Figure 3 – Delineation Sample Location Map

Figure 4 – Confirmation/Deferral Sample Location Map

Table 1 Summary of Soil Analytical Data – Delineation Samples

Table 2 Summary of Soil Analytical Data – Confirmation/Deferral Samples

Attachment A – Site Characterization Documentation

Attachment B – Photographic Log

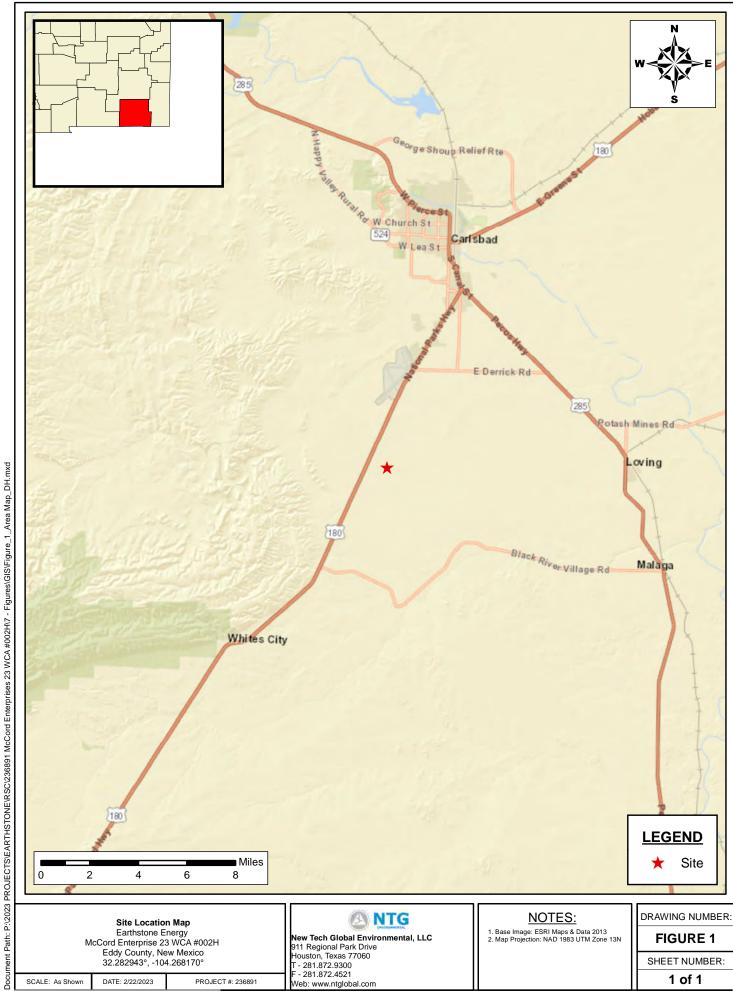
Attachment C - Confirmation Sampling Notifications

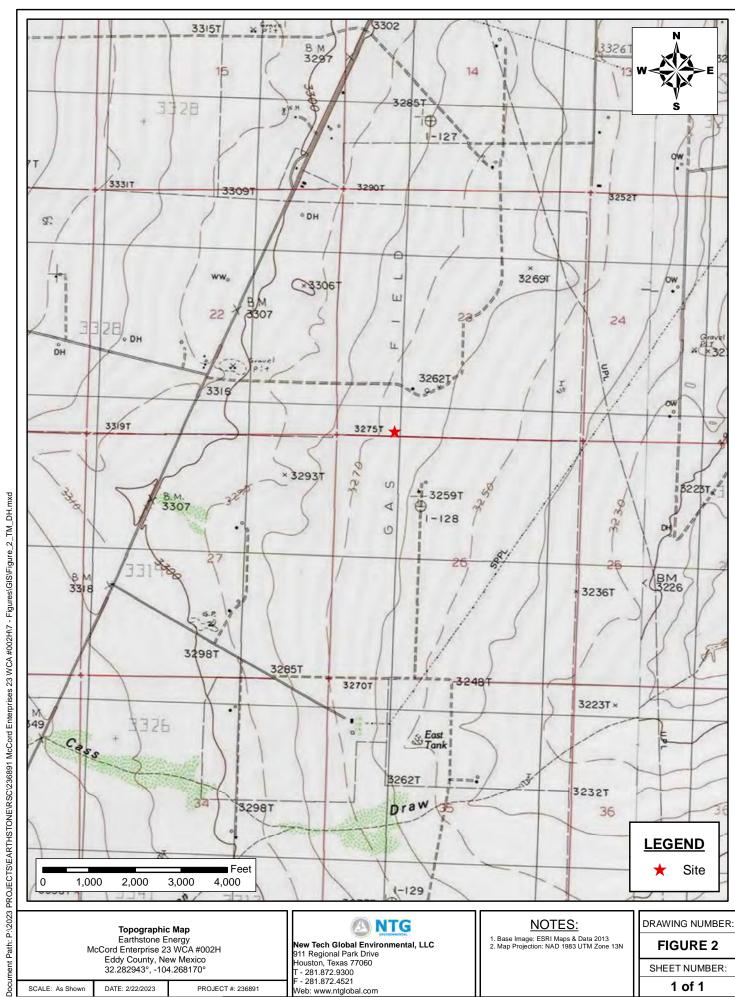
Attachment D - NMOCD Extension Request and Response

Attachment E – Laboratory Reports and Chain-of-Custody Document



FIGURES





SHEET NUMBER:

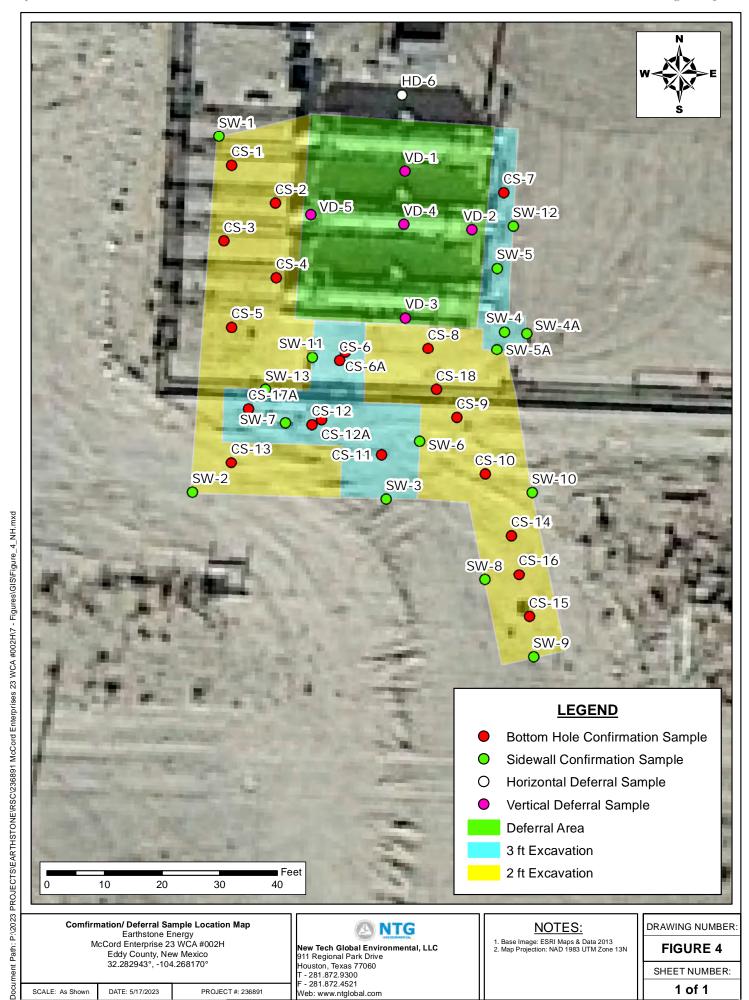
1 of 1



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DATE: 5/17/2023

PROJECT #: 236891

SCALE: As Shown



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TABLES

Table 1 **Summary of Soil Analytical Data - Delineation Samples Earthstone Operating, LLC** McCord Enterprises 23 WCA #002H **Eddy County, New Mexico**

										ТРН			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	втех	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	I Closure Cri	teria for So	il >100 feet 🛭	Depth to Grou	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg			100 mg/kg		100 mg/kg	600 mg/kg
Initial Assessment - Vertical Delineation Samples													
S-1	01/30/23	(2'-2.5')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	2,230
3-1	01/30/23	(3'-3.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	84.3	84.3	<49.9	84.3	326
S-2	01/30/23	(2'-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	93.9
3-2	01/30/23	(3'-3.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	<5.00
	01/30/23	(1'-1.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<4.99
S-3	01/30/23	(2'-2.5')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	<4.95
	01/30/23	(3'-3.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	52.5
		•			Initial Assessm	nent - Horizo	ntal Deline	ation Sample	es				
H-1	01/30/23	0-6"	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	<50.0	<50.0	<50.0	<50.0	5.26
H-2	01/30/23	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	253
H-3	01/30/23	0-6"	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	64.5
H-4	01/30/23	0-6"	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	394
H-5	01/30/23	0-6"	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	343

Notes:

1. Values reported in mg/kg

2.< = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Tablel Closure Criteria for the site.

4. BTEX analyses by EPA Method SW 8021B 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

Table 2
Summary of Soil Analytical Data - Confirmation /Deferral Samples
Earthstone Operating, LLC
McCord Enterprises 23 WCA #002H
Eddy County, New Mexico

										ТРН			
Sample ID	Sample Date	Depth	Benzene	Toluene	Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
				Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC									
			10 mg/kg				50 mg/kg			100 mg/kg		100 mg/kg	600 mg/kg
					Confi	mation Ass	essment Sa	mples					
CS-1	04/10/23	2'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-2	04/10/23	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS-3	04/10/23	2'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-4	04/10/23	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.4	17.4	<10.0	17.4	448
CS-5	04/10/23	2'	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-6	04/10/23	<i>\f</i>	< 0.05 0	< 0.05 0	<0.050	<0.150	₹0:300	750	₹10.0	₹10.0	₹10.0	₹10.0	1,200
CS-6 A	04/20/23	(3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-7	04/10/23	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-8	04/10/23	2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-9	04/10/23	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-10	04/10/23	2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-11	04/10/23	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-12	04/10/23	Ĭ	< 0.05 0	<0.050	<0.050	<0.150	₹0:300	710.0	16.8	16.8	₹10.0	16.8	1,010
CS-12 A	04/20/23	(3')	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
CS-13	04/10/23	2'	<0.050	<0.050	<0.050	<0.150	< 0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
CS-14	04/20/23	(2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
CS-15	04/20/23	(2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-16	04/20/23	(2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-17	04/28/23	Ž	<0.050	<0.050	<0.050	<0.150	₹0:300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	912
CS-17A	05/04/23	(3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.3	11.3	<10.0	11.3	176
CS-18	04/28/23	(2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
					Side	wall Confirm	nation Sam	ples					
SW-1	04/10/23	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32	32	<10.0	32	112
SW-2	04/10/23	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	38.3	38.3	<10.0	38.3	256
SW-3	04/10/23	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW-4	04/10/23	4	<0.050	<0.050	<0.050	<0.150	₹0:300	_10.0	38	38	₹10.0	38	4,480
SW-4A	04/20/23	(0-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-5	04/10/23	Ž.	<0.050	<0.050	<0.050	<0.150	₹0:300	₹10.0	100	100	19.1	119.1	5,120
SW-5A	04/20/23	(2-3')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW-6	04/10/23	2'-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-7	04/20/23	(2-3')	<0.050	<0.050	<0.050	<0.150	₹0:300	₹10.0	₹10.0	₹10.0	₹10.0	₹10.0	64
SW-8	04/20/23	(0-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SW-9	04/20/23	(0-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SW-10	04/20/23	(0-2')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32

Table 2 Summary of Soil Analytical Data - Confirmation / Deferral Samples **Earthstone Operating, LLC** McCord Enterprises 23 WCA #002H **Eddy County, New Mexico**

			•										
Sample ID	Sample Date	Depth		Ethylbenzene	Xylenes	ВТЕХ	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	Chloride	
		(ft bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
					Table	I Closure Cri	teria for So	il >100 feet 🛭	epth to Grour	ndwater 19.15.29	NMAC		
			10 mg/kg				50 mg/kg			100 mg/kg		100 mg/kg	600 mg/kg
SW-11	04/20/23	(2-3')	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
SW-12	04/28/23	(0-3')	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
SW-13	05/04/23	(2-3')	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	11.3	11.3	<10.0	11.3	112
					V	ertical Defe	rral Sample	5					
VD-1	04/04/23	(2-2.5)	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
VD-2	04/04/23	(2-2.5)	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
VD-3	04/04/23	(2-2.5)	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
VD-4	04/04/23	(3-3.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
VD-5	04/28/23	(1')	< 0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	Horizontal Deferral samples												
HD-6	04/28/23	(0-6")	<0.050	<0.050	<0.050	<0.150	<0.300	<0.10	<0.10	<0.10	<0.10	<0.10	400

Notes:

1. Values reported in mg/kg

5. TPH analyses by EPA Method SW 8015 Mod.

2.< = Value Less Than Reporting Limit (RL)

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

3. Bold indicates Analyte Detected

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Tablel Closure Criteria for the site.

4. BTEX analyses by EPA Method SW 8021B 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

Received by OCD: 7/21/2023 12:00:18 AM	Page 20 of 140
ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION	

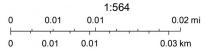
Site Characterization



5/19/2023, 10:56:49 AM Karst Occurrence Potential

High

Medium



BLM, OCD, New Mexico Tech, Maxar, Microsoft, USGS, Esri, HERE, Garmin, iPC, NM OSE

OSE POD Locations Map



5/19/2023, 11:11:51 AM

GIS WATERS PODs •

Active

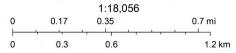
OSE District Boundary

Pending

NHD Flowlines

Stream River

SiteBoundaries



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

Received by OCD: 7/21/2023 12:00:18 AM CORD Enterprises 23 WCA #002H

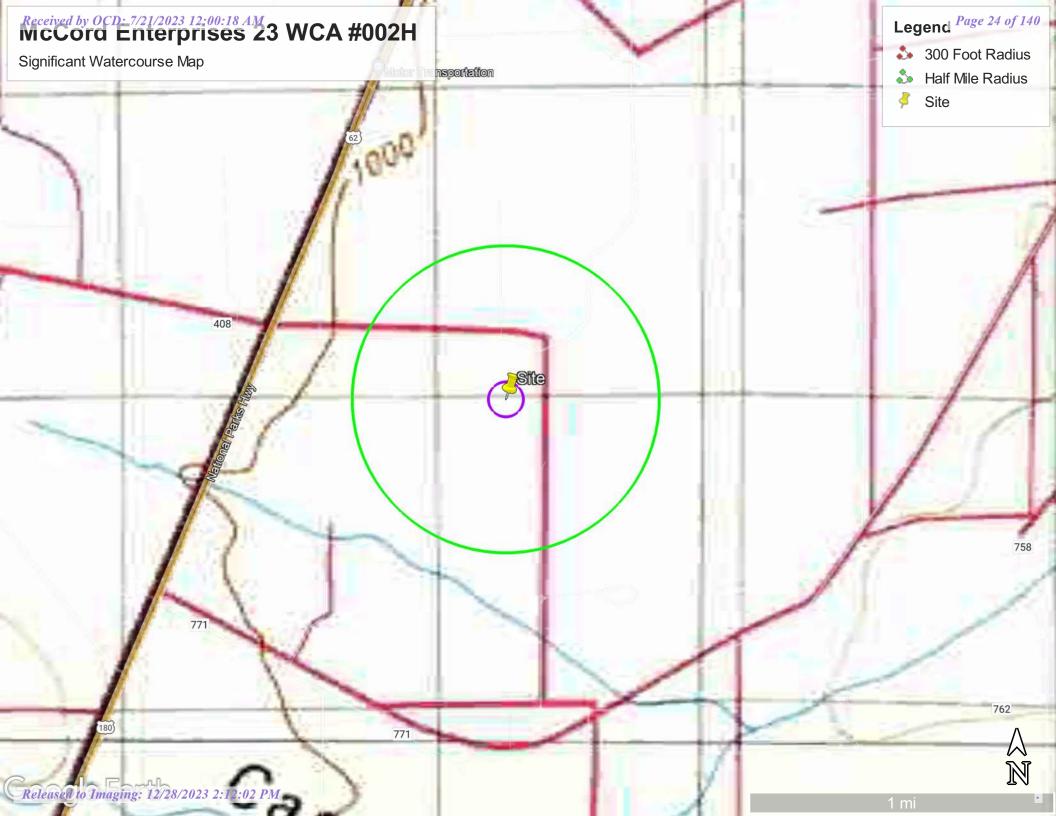
Karst Potential Map

Page 23 of 140

✓ High
✓ Low
✓ Medium
✓ Site







Received by OCD: 7/21/2023 12:00:18 AM



U.S. Fish and Wildlife Service

National Wetlands Inventory

McCord Enterprises 23 WCA #002H



May 19, 2023

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Pond

Freshwater Forested/Shrub Wetland

Lake

Other

Riverine

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

Feet

2.000

250

500

1,000

1,500

1:6,000

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



depth less than one foot or with drain areas of less than one square mile Zo Future Conditions 1% Annual Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X

Area with Flood Risk due to Levee Zor NO SCREEN Area of Minimal Flood Hazard Zone X

OTHER AREAS Area of Undetermined Flood Hazard Zone D

Effective LOMRs

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

> 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation Coastal Transect --- Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary --- Coastal Transect Baseline

OTHER Profile Baseline **FEATURES** Hydrographic Feature

Digital Data Available No Digital Data Available

Unmapped

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

an authoritative property location.

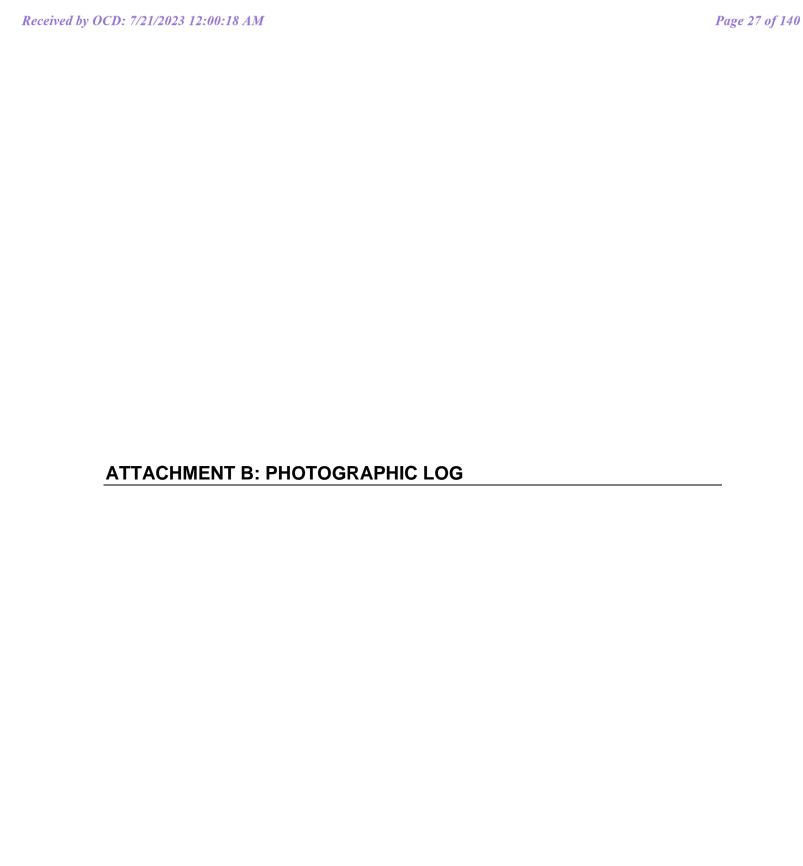
The pin displayed on the map is an approximate point selected by the user and does not represent

The basemap shown complies with FEMA's basemap accuracy standards The flood hazard information is derived directly from the

authoritative NFHL web services provided by FEMA. This map was exported on 5/19/2023 at 12:21 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

104°15'47"W 32°16'43"N



Earthstone Operating, LLC McCord Enterprises 23 WCA #002H

Photograph No. 1

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description: Area of excavation.



Photograph No. 2

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description:

Area of excavation.



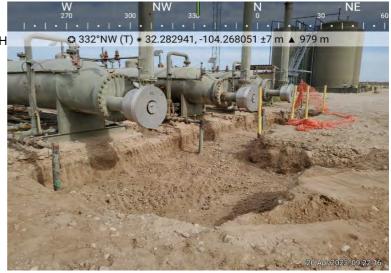
Photograph No. 3

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description:

Area of excavation.



Earthstone Operating, LLC McCord Enterprises 23 WCA #002H

Photograph No. 4

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description:

Area of excavation.



Photograph No. 5

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description:

Area of excavation.



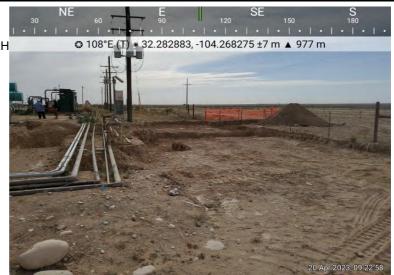
Photograph No. 6

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description:

Area of excavation.



Earthstone Operating, LLC McCord Enterprises 23 WCA #002H

Photograph No. 7

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description:

Area of excavation.



Photograph No. 8

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description:

Area of excavation.



Photograph No. 9

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description:

Area of excavation.



Earthstone Operating, LLC McCord Enterprises 23 WCA #002H

Photograph No. 10

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description:

Completed backfill of facility.



Photograph No. 11

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description:

Backfill of the facility.



Photograph No. 12

Facility: McCord Enterprises 23 WCA #002H

County: Eddy County, New Mexico

Description:

Backfill of the facility.



Received by OCD: 7/21/2023 12:00:18 AM	Page 32 of 140
ATTACHMENT C: CONFIRMATION SAMPLING NOTIFICATIONS	
ATTACHMENT C. CONFIRMATION SAMPLING NOTIFICATIONS	<u></u>

From: Enviro, OCD, EMNRD

To: Ricardo Baer

Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] McCord Enterprises 23 WCA #002H

Date: Wednesday, April 5, 2023 3:26:39 PM

Attachments: <u>image003.png</u>

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Ricardo,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov

http://www.emnrd.nm.gov



From: Ricardo Baer < RBaer@ntglobal.com> Sent: Wednesday, April 5, 2023 8:56 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] McCord Enterprises 23 WCA #002H

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

Good Morning,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

McCord Enterprises 23 WCA #002H M-23-23S-26E Eddy County, NM

nAPP2304056216

Sampling will begin at 8:00 a.m. on Monday, April 10, 2023, and continue through Friday, April 14, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO²
Project Scientist
(432) 556-2006
Rbaer@ntglobal.com



From: Enviro, OCD, EMNRD
To: Ricardo Baer

 Cc:
 Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD

 Subject:
 RE: [EXTERNAL] McCord Enterprises 23 WCA #002H

Date: Wednesday, April 12, 2023 11:14:18 AM

Attachments: <u>image003.png</u>

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Ricardo,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov

http://www.emnrd.nm.gov



From: Ricardo Baer < RBaer@ntglobal.com> Sent: Wednesday, April 12, 2023 9:08 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Becky Haskell

 haskell@ntglobal.com>; NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>

Subject: [EXTERNAL] McCord Enterprises 23 WCA #002H

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

Good Morning,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

McCord Enterprises 23 WCA #002H M-23-23S-26E Eddy County, NM nAPP2304056216 Sampling will begin at 8:00 a.m. on Monday, April 17, 2023, and continue through Friday, April 21, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO²
Project Scientist
(432) 556-2006
Rbaer@ntglobal.com



From: Enviro, OCD, EMNRD

To: Ricardo Baer

Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] McCord Enterprises 23 WCA #002H

Date: Wednesday, April 19, 2023 2:30:20 PM

Attachments: <u>image002.png</u>

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Ricardo,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov

http://www.emnrd.nm.gov



From: Ricardo Baer < RBaer@ntglobal.com> Sent: Wednesday, April 19, 2023 1:11 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: Becky Haskell

 haskell@ntglobal.com>; NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>

Subject: [EXTERNAL] McCord Enterprises 23 WCA #002H

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

Good Afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

McCord Enterprises 23 WCA #002H M-23-23S-26E Eddy County, NM nAPP2304056216 Sampling will begin at 8:00 a.m. on Monday, April 24, 2023, and continue through Friday, April 28, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO²
Project Scientist
(432) 556-2006
Rbaer@ntglobal.com



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From: Enviro, OCD, EMNRD

To: Nicholas Hart

Cc: Bratcher, Michael, EMNRD; Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] McCord Enterprises 23 WCA #002H

Date: Wednesday, April 26, 2023 5:22:18 PM

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Nicholas,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JΗ

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | <u>Jocelyn.Harimon@emnrd.nm.gov</u>

http://www.emnrd.nm.gov



From: Nicholas Hart < NHart@ntglobal.com> Sent: Wednesday, April 26, 2023 10:19 AM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Carlsbad <ntg_env_carlsbad@ntglobal.com>; Ricardo Baer <RBaer@ntglobal.com>

Subject: [EXTERNAL] McCord Enterprises 23 WCA #002H

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

Good Morning,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

McCord Enterprises 23 WCA #002H M-23-23S-26E Eddy County, NM nAPP2304056216 Sampling will begin at 8:00 a.m. on Monday, May 1, 2023, and continue through Friday, May 5, 2023. Let me know if you have any questions.

Thank you,

Nick Hart

Project Manager | Geologist 701 Tradewinds Blvd, Suite C | Midland, Texas 79706

W: <u>432-444-3047 P: 432-770-1832 | nhart@ntglobal.com</u> | <u>www.ntglobal.com</u>



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by reply e-mail; we also request that you immediately delete this message and its attachments, if any.

Received by OCD: 7/21/2023 12:00:18 AM	Page 42 of 140
ATTACHMENT D: NMOCD EXTENSION REQUEST AND RESPONSE	<u> </u>

Becky Haskell

From: Becky Haskell

Sent:Tuesday, May 2, 2023 2:51 PMTo:ocd.enviro@emnrd.nm.govCc:Becky Haskell; Ricardo Baer

Subject: Earthstone McCord Enterprises 23 WCA #002H (nAPP2304056216) Extension Request Correction

Good Afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits this extension request. We are currently conducting remediation activities and recently received analytical results indicating additional activities need to be conducted. We are requesting an additional 90 days.

McCord Enterprises 23 WCA #002H M-23-23S-26E Eddy County, NM nAPP2304056216

Thank You,

Becky Haskell

Senior Project Manager | NTG Environmental M: 432-766-1918 | bhaskell@ntglobal.com 701 Tradewinds Blvd, Suite C Midland, TX 79706



Becky Haskell

From: Hamlet, Robert, EMNRD < Robert.Hamlet@emnrd.nm.gov>

Sent: Wednesday, May 3, 2023 8:35 AM

To: Becky Haskell

Cc: Ricardo Baer; Bratcher, Michael, EMNRD; Nobui, Jennifer, EMNRD; Harimon, Jocelyn, EMNRD Subject: (Extension Approval) - Earthstone McCord Enterprises 23 WCA #002H (nAPP2304056216)

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RE: Incident #NAPP2304056216

Becky,

Your request for an extension to **July 27, 2023** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Sent: Tuesday, May 2, 2023 4:33 PM

To: Hamlet, Robert, EMNRD < Robert. Hamlet@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Earthstone McCord Enterprises 23 WCA #002H (nAPP2304056216) Extension Request

Correction

Jocelyn Harimon • Environmental Specialist

Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http://www.emnrd.nm.gov



From: Becky Haskell < bhaskell@ntglobal.com >

Sent: Tuesday, May 2, 2023 1:51 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov >

Cc: Becky Haskell < bhaskell@ntglobal.com >; Ricardo Baer < RBaer@ntglobal.com >

Subject: [EXTERNAL] Earthstone McCord Enterprises 23 WCA #002H (nAPP2304056216) Extension Request Correction

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

Good Afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits this extension request. We are currently conducting remediation activities and recently received analytical results indicating additional activities need to be conducted. We are requesting an additional 90 days.

McCord Enterprises 23 WCA #002H M-23-23S-26E Eddy County, NM nAPP2304056216

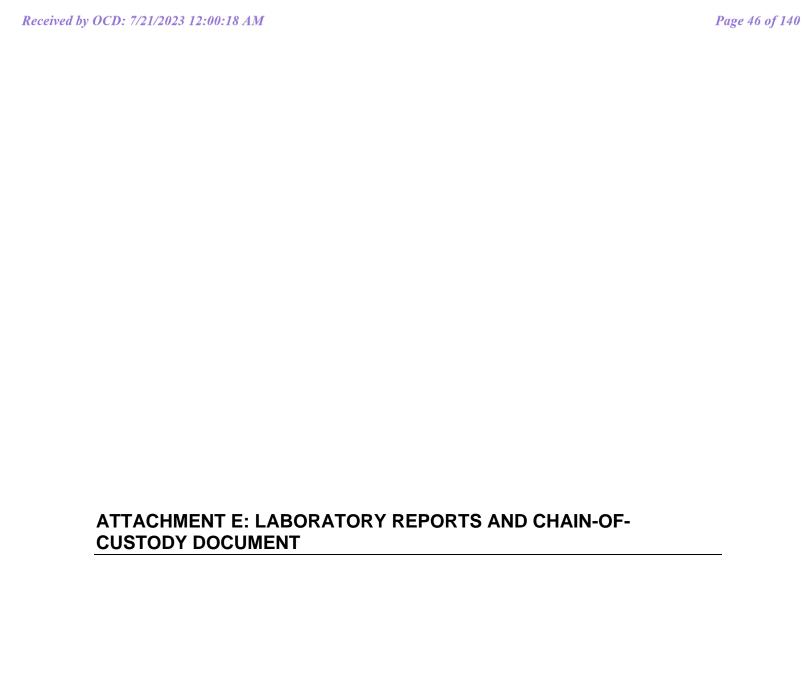
Thank You,

Becky Haskell

Senior Project Manager | NTG Environmental M: 432-766-1918 | bhaskell@ntglobal.com 701 Tradewinds Blvd, Suite C Midland, TX 79706



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Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/13/2023 4:53:50 PM

JOB DESCRIPTION

McCord Enterprises 23 WCA #2H SDG NUMBER 236891

JOB NUMBER

890-4001-1

Eurofins Carlsbad 1089 N Canal St. Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

Authorization

Generated 2/13/2023 4:53:50 PM

Authorized for release by Jessica Kramer, Project Manager Jessica.Kramer@et.eurofinsus.com (432)704-5440 7

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Client: NT Global Project/Site: McCord Enterprises 23 WCA #2H Laboratory Job ID: 890-4001-1 SDG: 236891

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Definitions/Glossary

Client: NT Global Job ID: 890-4001-1 Project/Site: McCord Enterprises 23 WCA #2H

SDG: 236891

Qualifiers

GC VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier **Qualifier Description**

S1-Surrogate recovery exceeds control limits, low biased. Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

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**

Detection Limit (DoD/DOE) DL

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) Most Probable Number MPN Method Quantitation Limit MQL

NC Not Calculated

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

NFG 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)

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

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Case Narrative

Client: NT Global Job ID: 890-4001-1 Project/Site: McCord Enterprises 23 WCA #2H

SDG: 236891

Job ID: 890-4001-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative 890-4001-1

Receipt

The samples were received on 1/31/2023 2:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (2-2.5) (890-4001-1), S-1 (3-3.5) (890-4001-2), S-2 (2-2.5) (890-4001-3), S-2 (3-3.5) (890-4001-4), S-3 (1-1.5) (890-4001-5), S-3 (2-2.5) (890-4001-6), S-3 (3-3.5) (890-4001-7), H-1 (890-4001-8), H-2 (890-4001-9), H-3 (890-4001-10), H-4 (890-4001-11) and H-5 (890-4001-12).

GC VOA

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

GC Semi VOA

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: S-1 (2-2.5) (890-4001-1), S-1 (3-3.5) (890-4001-2), S-2 (2-2.5) (890-4001-3), S-2 (3-3.5) (890-4001-4), S-3 (1-1.5) (890-4001-5), S-3 (2-2.5) (890-4001-6) and S-3 (3-3.5) (890-4001-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD NM: Surrogate recovery for the following samples were outside control limits: H-1 (890-4001-8), H-2 (890-4001-9), H-3 (890-4001-10), H-4 (890-4001-11) and H-5 (890-4001-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

Job ID: 890-4001-1 Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

Client Sample ID: S-1 (2-2.5) Lab Sample ID: 890-4001-1

Date Collected: 01/30/23 12:00 Matrix: Solid Date Received: 01/31/23 14:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/09/23 10:02	02/10/23 03:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/09/23 10:02	02/10/23 03:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/09/23 10:02	02/10/23 03:59	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		02/09/23 10:02	02/10/23 03:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/09/23 10:02	02/10/23 03:59	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		02/09/23 10:02	02/10/23 03:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				02/09/23 10:02	02/10/23 03:59	1
1,4-Difluorobenzene (Surr)	88		70 - 130				02/09/23 10:02	02/10/23 03:59	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			02/10/23 12:40	1
Analyte Total TPH	Result	Qualifier U	RL 49.9	MIDL	Unit mg/Kg	D	Prepared	Analyzed 02/13/23 17:32	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/23 17:32	4
Mathed CMO4C 004ED NA DIS								02/10/20 11:02	1
Method: 244946 8012R MM - Die:	sel Range Orga	nics (DRO)	(GC)					02/10/20 11:02	1
Analyte	•	nics (DRO) Qualifier	(GC)	MDL	Unit	D	Prepared	Analyzed	
Analyte Gasoline Range Organics	•	Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared 02/08/23 10:35		Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10	Result <49.9	Qualifier U	RL 49.9	MDL	mg/Kg	<u>D</u>	02/08/23 10:35	Analyzed 02/11/23 23:19	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U	RL	MDL		<u>D</u>	<u>.</u>	Analyzed	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <49.9 <49.9	Qualifier U	RL 49.9	MDL	mg/Kg	<u>D</u>	02/08/23 10:35	Analyzed 02/11/23 23:19 02/11/23 23:19	Dil Fac
Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.9	Qualifier U	RL 49.9	MDL	mg/Kg	<u>D</u>	02/08/23 10:35	Analyzed 02/11/23 23:19	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.9 <49.9	Qualifier U	RL 49.9	MDL	mg/Kg	<u>D</u>	02/08/23 10:35	Analyzed 02/11/23 23:19 02/11/23 23:19	Dil Fac 1 1
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <49.9 <49.9 <49.9	Qualifier U U U	RL 49.9 49.9 49.9	MDL	mg/Kg	<u>D</u>	02/08/23 10:35 02/08/23 10:35 02/08/23 10:35	Analyzed 02/11/23 23:19 02/11/23 23:19 02/11/23 23:19	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate	Result <49.9 <49.9 <49.9 <49.9 %Recovery	Qualifier U U U Qualifier	49.9 49.9 49.9 <i>Limits</i>	MDL	mg/Kg	<u>D</u>	02/08/23 10:35 02/08/23 10:35 02/08/23 10:35 Prepared	Analyzed 02/11/23 23:19 02/11/23 23:19 02/11/23 23:19 Analyzed	Dil Face 1 Dil Face 1 Dil Face
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U U U Qualifier S1-	RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	MDL	mg/Kg	<u>D</u>	02/08/23 10:35 02/08/23 10:35 02/08/23 10:35 Prepared 02/08/23 10:35	Analyzed 02/11/23 23:19 02/11/23 23:19 02/11/23 23:19 Analyzed 02/11/23 23:19	Dil Fac
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U U U Qualifier S1-	RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	02/08/23 10:35 02/08/23 10:35 02/08/23 10:35 Prepared 02/08/23 10:35	Analyzed 02/11/23 23:19 02/11/23 23:19 02/11/23 23:19 Analyzed 02/11/23 23:19	Dil Fac

Client Sample ID: S-1 (3-3.5) Lab Sample ID: 890-4001-2 Date Collected: 01/30/23 12:00 **Matrix: Solid**

Date Received: 01/31/23 14:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 04:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 04:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 04:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/23 10:02	02/10/23 04:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 04:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/23 10:02	02/10/23 04:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				02/09/23 10:02	02/10/23 04:26	1
1,4-Difluorobenzene (Surr)	93		70 - 130				02/09/23 10:02	02/10/23 04:26	1

Job ID: 890-4001-1

Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

Client Sample ID: S-1 (3-3.5) Lab Sample ID: 890-4001-2

Date Collected: 01/30/23 12:00 Matrix: Solid Date Received: 01/31/23 14:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/10/23 12:40	1
Method: SW846 8015 NM - Diese	Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	84.3		49.9		mg/Kg			02/13/23 17:32	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	<49.9	U	49.9		mg/Kg		02/08/23 10:35	02/11/23 23:40	1
(GRO)-C6-C10									
Diesel Range Organics (Over	84.3		49.9		mg/Kg		02/08/23 10:35	02/11/23 23:40	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/08/23 10:35	02/11/23 23:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	58	S1-	70 - 130				02/08/23 10:35	02/11/23 23:40	1
o-Terphenyl	71		70 - 130				02/08/23 10:35	02/11/23 23:40	1
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	326		5.01		mg/Kg			02/06/23 16:30	1

Client Sample ID: S-2 (2-2.5) Lab Sample ID: 890-4001-3 Date Collected: 01/30/23 12:00 **Matrix: Solid**

Date Received: 01/31/23 14:20

Released to Imaging: 12/28/2023 2:12:02 PM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 04:53	
Toluene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 04:53	•
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 04:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/23 10:02	02/10/23 04:53	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 04:53	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/23 10:02	02/10/23 04:53	,
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
			70 - 130				02/09/23 10:02	02/10/23 04:53	
4-Bromofluorobenzene (Surr)	123		70 - 750				02/00/20 /0.02		
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX	95 - Total BTEX Cald		70 - 130				02/09/23 10:02	02/10/23 04:53	
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte	95 - Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>		02/10/23 04:53 Analyzed 02/10/23 12:40	
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die	- Total BTEX Cald Result <0.00398 esel Range Organ	Qualifier U	70 - 130 RL 0.00398			<u>D</u>	02/09/23 10:02	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte	- Total BTEX Cald Result <0.00398 esel Range Organ	Qualifier U ics (DRO) (Qualifier	70 - 130 RL 0.00398		mg/Kg	<u> </u>	02/09/23 10:02 Prepared	Analyzed 02/10/23 12:40	Dil Fac
1,4-Difluorobenzene (Surr)	- Total BTEX Calc Result <0.00398 esel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U	70 - 130 RL 0.00398 GC) RL 49.9		mg/Kg	<u> </u>	02/09/23 10:02 Prepared	Analyzed 02/10/23 12:40 Analyzed	Dil Fac
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Cald Result <0.00398 esel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U	70 - 130 RL 0.00398 GC) RL 49.9		mg/Kg Unit mg/Kg	<u> </u>	02/09/23 10:02 Prepared	Analyzed 02/10/23 12:40 Analyzed	Dil Fac
1,4-Difluorobenzene (Surr) Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Die Analyte Total TPH Method: SW846 8015B NM - D	- Total BTEX Cald Result <0.00398 esel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	70 - 130 RL 0.00398 GC) RL 49.9	MDL	mg/Kg Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 02/10/23 12:40 Analyzed 02/13/23 17:32	Dil Fac

Eurofins Carlsbad

Job ID: 890-4001-1

Client: NT Global Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

Client Sample ID: S-2 (2-2.5) Lab Sample ID: 890-4001-3

Date Collected: 01/30/23 12:00 Matrix: Solid Date Received: 01/31/23 14:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/08/23 10:35	02/12/23 00:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				02/08/23 10:35	02/12/23 00:01	
o-Terphenyl	79		70 - 130				02/08/23 10:35	02/12/23 00:01	1

Method: EPA 300.0 - Anions, Ion Ch	romatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	93.9	4.97	mg/Kg			02/06/23 16:35	1

Lab Sample ID: 890-4001-4 Client Sample ID: S-2 (3-3.5) Date Collected: 01/30/23 12:00 Matrix: Solid

Date Received: 01/31/23 14:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 05:20	
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 05:20	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 05:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/09/23 10:02	02/10/23 05:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 05:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/09/23 10:02	02/10/23 05:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	130		70 - 130				02/09/23 10:02	02/10/23 05:20	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/09/23 10:02	02/10/23 05:20	:
- Method: TAL SOP Total BTEX - T	otal BTEX Calo	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/10/23 12:40	
Analyte Total TPH		Qualifier U	RL	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 02/13/23 17:32	Dil Fac
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(CC)						
			1001						
Analyte		Qualifier	(GC) RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics		Qualifier		MDL	Unit mg/Kg	<u>D</u>	Prepared 02/08/23 10:35	Analyzed 02/12/23 00:22	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result	Qualifier U	RL	MDL		<u>D</u>			
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.0	Qualifier U	RL 50.0	MDL	mg/Kg	<u>D</u>	02/08/23 10:35	02/12/23 00:22	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)	Result <50.0 <50.0	Qualifier U	50.0 50.0	MDL	mg/Kg mg/Kg	<u>D</u>	02/08/23 10:35 02/08/23 10:35	02/12/23 00:22	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	Result <50.0 <50.0 <50.0	Qualifier U U U	FL 50.0 50.0 50.0	MDL	mg/Kg mg/Kg	<u>D</u>	02/08/23 10:35 02/08/23 10:35 02/08/23 10:35	02/12/23 00:22 02/12/23 00:22 02/12/23 00:22	Dil Fac
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	Result	Qualifier U U Qualifier	50.0 50.0 50.0 <i>Limits</i>	MDL	mg/Kg mg/Kg	<u>D</u>	02/08/23 10:35 02/08/23 10:35 02/08/23 10:35 Prepared	02/12/23 00:22 02/12/23 00:22 02/12/23 00:22 Analyzed	Dil Fa
Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl Method: EPA 300.0 - Anions, Ion	Result <50.0 <50.0 <50.0 <50.0 <50.0 <65 <65 <65 <65 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66 <66	Qualifier U U Qualifier S1-	8L 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	mg/Kg mg/Kg	<u> </u>	02/08/23 10:35 02/08/23 10:35 02/08/23 10:35 Prepared 02/08/23 10:35	02/12/23 00:22 02/12/23 00:22 02/12/23 00:22 Analyzed 02/12/23 00:22	
Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	Result	Qualifier U U Qualifier S1-	8L 50.0 50.0 50.0 Limits 70 - 130 70 - 130	MDL	mg/Kg mg/Kg mg/Kg	<u>D</u>	02/08/23 10:35 02/08/23 10:35 02/08/23 10:35 Prepared 02/08/23 10:35	02/12/23 00:22 02/12/23 00:22 02/12/23 00:22 Analyzed 02/12/23 00:22	Dil Fac

Client: NT Global Job ID: 890-4001-1

Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

Client Sample ID: S-3 (1-1.5) Lab Sample ID: 890-4001-5

Date Collected: 01/30/23 12:00 Matrix: Solid Date Received: 01/31/23 14:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 05:46	1
Toluene	< 0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 05:46	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 05:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/23 10:02	02/10/23 05:46	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 05:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/23 10:02	02/10/23 05:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)			70 - 130				02/09/23 10:02	02/10/23 05:46	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/09/23 10:02	02/10/23 05:46	1
Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/10/23 12:40	
. -					ilig/Kg			02/10/23 12:40	'
Method: SW846 8015 NM - Diese Analyte	el Range Organ			MDL		D	Prepared	Analyzed	
: Method: SW846 8015 NM - Diese	el Range Organ	ics (DRO) (GC)	MDL		<u>D</u>	Prepared		
Method: SW846 8015 NM - Diese Analyte Total TPH	el Range Organ Result <49.9	ics (DRO) (Gualifier	GC) RL 49.9	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte	el Range Organ Result <49.9 sel Range Organ	ics (DRO) (Gualifier	GC) RL 49.9	MDL	Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics	el Range Organ Result <49.9 sel Range Organ	Qualifier Unics (DRO) Qualifier	GC) RL 49.9		Unit mg/Kg		<u> </u>	Analyzed 02/13/23 17:32	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte	el Range Organ Result <49.9 sel Range Orga Result	ics (DRO) (Qualifier U nics (DRO) Qualifier U	GC) RL 49.9 (GC) RL		Unit mg/Kg		Prepared	Analyzed 02/13/23 17:32 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	el Range Organ Result Result Result Result 49.9 49.9	ics (DRO) (COMPANIES (DRO)) Qualifier U Qualifier U U U	(GC) RL 49.9 (GC) RL 49.9		Unit mg/Kg Unit mg/Kg		Prepared 02/08/23 10:35	Analyzed 02/13/23 17:32 Analyzed 02/12/23 00:44	Dil Face
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	el Range Organ Result Result Result Result 449.9 449.9 449.9	ics (DRO) (Qualifier U nics (DRO) Qualifier U U	GC) RL 49.9 (GC) RL 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/08/23 10:35 02/08/23 10:35	Analyzed 02/13/23 17:32 Analyzed 02/12/23 00:44 02/12/23 00:44	Dil Fac
Method: SW846 8015 NM - Diese 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)	el Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9 <49.9	ics (DRO) (Qualifier U nics (DRO) Qualifier U U	GC) RL 49.9 (GC) RL 49.9 49.9 49.9		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/08/23 10:35 02/08/23 10:35 02/08/23 10:35	Analyzed 02/13/23 17:32 Analyzed 02/12/23 00:44 02/12/23 00:44 02/12/23 00:44	Dil Fac
Method: SW846 8015 NM - Diese 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	el Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9 <49.9 %Recovery	ics (DRO) (Qualifier U nics (DRO) Qualifier U U Qualifier	GC) RL 49.9 (GC) RL 49.9 49.9 49.9 Limits		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/08/23 10:35 02/08/23 10:35 02/08/23 10:35 Prepared	Analyzed 02/13/23 17:32 Analyzed 02/12/23 00:44 02/12/23 00:44 Analyzed	Dil Fac
Method: SW846 8015 NM - Diese Analyte Total TPH Method: SW846 8015B NM - Diese Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	el Range Organ	ics (DRO) (Qualifier U nics (DRO) Qualifier U U Qualifier S1-	GC) RL 49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg		Prepared 02/08/23 10:35 02/08/23 10:35 02/08/23 10:35 Prepared 02/08/23 10:35	Analyzed 02/13/23 17:32 Analyzed 02/12/23 00:44 02/12/23 00:44 Analyzed 02/12/23 00:44	Dil Fac Dil Fac 1 Dil Fac 1 Dil Fac 1
Method: SW846 8015 NM - Diese 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	el Range Organ Result <49.9 sel Range Orga Result <49.9 <49.9 <49.9 %Recovery 66 78 a Chromatograp	ics (DRO) (Qualifier U nics (DRO) Qualifier U U Qualifier S1-	GC) RL 49.9 (GC) RL 49.9 49.9 49.9 Limits 70 - 130 70 - 130		Unit mg/Kg Unit mg/Kg mg/Kg mg/Kg		Prepared 02/08/23 10:35 02/08/23 10:35 02/08/23 10:35 Prepared 02/08/23 10:35	Analyzed 02/13/23 17:32 Analyzed 02/12/23 00:44 02/12/23 00:44 Analyzed 02/12/23 00:44	Dil Fac Dil Fac 1 Dil Fac

Client Sample ID: S-3 (2-2.5) Lab Sample ID: 890-4001-6

Date Collected: 01/30/23 12:00 **Matrix: Solid** Date Received: 01/31/23 14:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/09/23 10:02	02/10/23 06:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/09/23 10:02	02/10/23 06:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/09/23 10:02	02/10/23 06:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/09/23 10:02	02/10/23 06:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/09/23 10:02	02/10/23 06:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/09/23 10:02	02/10/23 06:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				02/09/23 10:02	02/10/23 06:13	1
1,4-Difluorobenzene (Surr)	97		70 - 130				02/09/23 10:02	02/10/23 06:13	1

Job ID: 890-4001-1 Project/Site: McCord Enterprises 23 WCA #2H

SDG: 236891

02/08/23 10:35

02/12/23 01:05

Client Sample ID: S-3 (2-2.5)

Date Received: 01/31/23 14:20

Lab Sample ID: 890-4001-6 Date Collected: 01/30/23 12:00

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Total BTEX <0.00396 U 0.00396 02/10/23 12:40 mg/Kg Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC) MDL Unit Result Qualifier RL Prepared D Analyzed Dil Fac

Total TPH <49.9 U 49.9 02/13/23 17:32 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Analyte D Prepared Dil Fac Analyzed <49.9 U 49.9 02/08/23 10:35 02/12/23 01:05 Gasoline Range Organics mg/Kg (GRO)-C6-C10 49.9 02/08/23 10:35 Diesel Range Organics (Over <49.9 U mg/Kg 02/12/23 01:05 C10-C28) Oll Range Organics (Over C28-C36) <49.9 U 49.9 mg/Kg 02/08/23 10:35 02/12/23 01:05 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 02/08/23 10:35 70 - 130 1-Chlorooctane 57 S1-02/12/23 01:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Result Qualifier Analyte RL MDL Unit D Prepared Analyzed Dil Fac <4.95 U Chloride 4.95 mg/Kg 02/06/23 17:07

70 - 130

70

Client Sample ID: S-3 (3-3.5) Lab Sample ID: 890-4001-7 Date Collected: 01/30/23 12:00 **Matrix: Solid**

Date Received: 01/31/23 14:20

o-Terphenyl

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/09/23 10:02	02/10/23 09:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/09/23 10:02	02/10/23 09:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/09/23 10:02	02/10/23 09:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/09/23 10:02	02/10/23 09:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/09/23 10:02	02/10/23 09:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/09/23 10:02	02/10/23 09:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				02/09/23 10:02	02/10/23 09:54	1
			70 - 130				02/09/23 10:02	02/10/23 09:54	
Method: TAL SOP Total BTEX - Analyte	Total BTEX Cald	Qualifier	RL	MDL	Unit ma/Ka	<u>D</u>	02/09/23 10:02 Prepared	Analyzed	
Method: TAL SOP Total BTEX - Analyte Total BTEX	Total BTEX Calc Result <0.00402	Qualifier U	RL 0.00402	MDL	Unit mg/Kg	<u>D</u>			
Method: TAL SOP Total BTEX - Analyte Total BTEX	Total BTEX Calc Result <0.00402 sel Range Organ	Qualifier U	RL 0.00402			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies	Total BTEX Calc Result <0.00402 sel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00402		mg/Kg	=	Prepared	Analyzed 02/10/23 12:40	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH	Total BTEX Calc Result <0.00402 sel Range Organ Result <49.9	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 ——————————————————————————————————		mg/Kg	=	Prepared	Analyzed 02/10/23 12:40 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte Total TPH Method: SW846 8015B NM - Die	Total BTEX Calc Result <0.00402 sel Range Organ Result <49.9 essel Range Orga	Qualifier U ics (DRO) (Qualifier U	RL 0.00402 ——————————————————————————————————	MDL	mg/Kg	=	Prepared	Analyzed 02/10/23 12:40 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX Method: SW846 8015 NM - Dies Analyte	Total BTEX Calc Result <0.00402 sel Range Organ Result <49.9 essel Range Orga	Qualifier U ics (DRO) (Qualifier U inics (DRO) Qualifier	RL 0.00402 GC) RL 49.9	MDL	mg/Kg Unit mg/Kg		Prepared Prepared	Analyzed 02/10/23 12:40 Analyzed 02/13/23 17:32	Dil Fac

Project/Site: McCord Enterprises 23 WCA #2H

Client: NT Global

Job ID: 890-4001-1

SDG: 236891

Client Sample ID: S-3 (3-3.5)

Lab Sample ID: 890-4001-7

Date Collected: 01/30/23 12:00 Date Received: 01/31/23 14:20

Matrix: Solid

Method: SW846 8015B NM - Diesel	Range Organics (DRO) (GC) (Continued)	
Analyte	Result Qualifier	RL	Ν

Analyte	Result	Qualifier	KL	MIDL UNIT	U	Prepared	Analyzea	DII Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/08/23 10:35	02/12/23 01:26	1
	24-							

١	Surroyate	/₀Recovery	Qualifier	LIIIIII	_	Frepareu	Allalyzeu	DII Fa
	1-Chlorooctane	60	S1-	70 - 130		02/08/23 10:35	02/12/23 01:26	
	o-Terphenyl	71		70 - 130		02/08/23 10:35	02/12/23 01:26	-

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.5		4.95		mg/Kg			02/06/23 17:12	1

Client Sample ID: H-1 Lab Sample ID: 890-4001-8 Date Collected: 01/30/23 12:00 **Matrix: Solid**

Date Received: 01/31/23 14:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/09/23 10:02	02/10/23 10:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/09/23 10:02	02/10/23 10:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/09/23 10:02	02/10/23 10:20	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/09/23 10:02	02/10/23 10:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/09/23 10:02	02/10/23 10:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/09/23 10:02	02/10/23 10:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	02/09/23 10:02	02/10/23 10:20	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/09/23 10:02	02/10/23 10:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	 D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/10/23 12:40	1

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

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0 U	50.0	mg/Kg			02/13/23 17:32	1

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

Motrica. Civo-c co lob lim. Blocc	i italigo Olga	oo (B.(O) (00 ,						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		02/08/23 10:35	02/12/23 02:09	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		02/08/23 10:35	02/12/23 02:09	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/23 10:35	02/12/23 02:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	57	S1-	70 - 130	02/08/23 10:35	02/12/23 02:09	1
o-Terphenyl	69	S1-	70 - 130	02/08/23 10:35	02/12/23 02:09	1

Mothod: EDA 200 0 Anione	. Ion Chromatography - Soluble
I MELLIOU. EPA 300.0 - ALIIOLIS	. IOH CHIOHIAIOULADHY - SOIUDIE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.26		4.97		mg/Kg			02/06/23 17:17	1

Client: NT Global Job ID: 890-4001-1

Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

Client Sample ID: H-2 Lab Sample ID: 890-4001-9

Date Collected: 01/30/23 12:00 Matrix: Solid Date Received: 01/31/23 14:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 10:46	1
Toluene	< 0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 10:46	1
Ethylbenzene	< 0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 10:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/23 10:02	02/10/23 10:46	1
o-Xylene	< 0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 10:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/23 10:02	02/10/23 10:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				02/09/23 10:02	02/10/23 10:46	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/09/23 10:02	02/10/23 10:46	1
- Method: TAL SOP Total BTEX - 1	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/10/23 12:40	1
Method: SW846 8015 NM - Diese	Result	Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fac
Analyte Total TPH	Result <49.9		RL	MDL	mg/Kg	D	Prepared	Analyzed 02/13/23 17:32	Dil Fac
= =									
Method: SW846 8015B NM - Dies	• •		• •						
Analyte		Qualifier	RL	MDL		<u>D</u>	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/08/23 10:35	02/12/23 02:31	
									1
(GRO)-C6-C10	.40.0		40.0		".		00/00/00 40 05	00/40/00 00 04	
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/08/23 10:35	02/12/23 02:31	1
• •	<49.9 <49.9		49.9 49.9		mg/Kg		02/08/23 10:35 02/08/23 10:35	02/12/23 02:31 02/12/23 02:31	1
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36)		U						02/12/23 02:31	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9				02/08/23 10:35		1 Dil Fac
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate	<49.9 %Recovery	U Qualifier	49.9				02/08/23 10:35 Prepared	02/12/23 02:31 Analyzed	Dil Fa
Diesel Range Organics (Over C10-C28) Oll Range Organics (Over C28-C36) Surrogate 1-Chlorooctane o-Terphenyl	<49.9 **Recovery 65 74	Qualifier S1-	49.9 Limits 70 - 130 70 - 130				02/08/23 10:35 Prepared 02/08/23 10:35	02/12/23 02:31 Analyzed 02/12/23 02:31	1 Dil Fac
Diesel Range Organics (Over C10-C28) OII Range Organics (Over C28-C36) Surrogate 1-Chlorooctane	<49.9 %Recovery 65 74 Chromatograp	Qualifier S1-	49.9 Limits 70 - 130 70 - 130	MDL	mg/Kg	D	02/08/23 10:35 Prepared 02/08/23 10:35	02/12/23 02:31 Analyzed 02/12/23 02:31	1

Client Sample ID: H-3 Lab Sample ID: 890-4001-10 Date Collected: 01/30/23 12:00 **Matrix: Solid**

Date Received: 01/31/23 14:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 11:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 11:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 11:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/09/23 10:02	02/10/23 11:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/09/23 10:02	02/10/23 11:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/09/23 10:02	02/10/23 11:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				02/09/23 10:02	02/10/23 11:13	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/09/23 10:02	02/10/23 11:13	1

Released to Imaging: 12/28/2023 2:12:02 PM

Project/Site: McCord Enterprises 23 WCA #2H

Client: NT Global

Job ID: 890-4001-1

SDG: 236891

Client Sample ID: H-3

Date Collected: 01/30/23 12:00 Date Received: 01/31/23 14:20

Lab Sample ID: 890-4001-10

02/06/23 17:26

Matrix: Solid

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/10/23 14:06	1
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/13/23 17:32	1
Method: SW846 8015B NM - Dies	ol Pango Orga	nice (DPO)	(CC)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9		mg/Kg		02/08/23 10:35	02/12/23 02:53	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9		mg/Kg		02/08/23 10:35	02/12/23 02:53	1
C10-C28)									
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/08/23 10:35	02/12/23 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	65	S1-	70 - 130				02/08/23 10:35	02/12/23 02:53	1
o-Terphenyl	72		70 - 130				02/08/23 10:35	02/12/23 02:53	1
• •									
Method: EPA 300.0 - Anions, Ion	Chuamatanuan	hu Calubi							

4.99 Lab Sample ID: 890-4001-11 Client Sample ID: H-4

mg/Kg

mg/Kg

mg/Kg

02/08/23 10:35

64.5

<50.0 U

Date Collected: 01/30/23 12:00

Chloride

Date Received: 01/31/23 14:20

Ameliate	Desult	Qualifier	D.	MDL	I Imia	_	Duamanad	A maluma d	Dil Fac
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 11:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 11:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 11:39	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/09/23 10:02	02/10/23 11:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 11:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/09/23 10:02	02/10/23 11:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				02/09/23 10:02	02/10/23 11:39	1
1,4-Difluorobenzene (Surr)	83		70 - 130				02/09/23 10:02	02/10/23 11:39	1
- Method: TAL SOP Total BTEX -	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/10/23 14:06	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	DII Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/13/23 17:32	1
– Method: SW846 8015B NM - Die	esel Range Orga	nics (DRO) ((GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0		50.0		mg/Kg		02/08/23 10:35	02/12/23 03:15	

50.0

C10-C28)

(GRO)-C6-C10

Gasoline Range Organics

Diesel Range Organics (Over

Eurofins Carlsbad

02/12/23 03:15

Project/Site: McCord Enterprises 23 WCA #2H

Client: NT Global

Job ID: 890-4001-1

SDG: 236891

Client Sample ID: H-4

Date Collected: 01/30/23 12:00 Date Received: 01/31/23 14:20

Lab Sample ID: 890-4001-11

Matrix: Solid

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

<0.00396 U

Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/08/23 10:35	02/12/23 03:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	58	S1-	70 - 130			02/08/23 10:35	02/12/23 03:15	1
o-Terphenyl	69	S1-	70 - 130			02/08/23 10:35	02/12/23 03:15	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	394	4.96	mg/Kg			02/06/23 17:31	1

Client Sample ID: H-5

Xylenes, Total

Date Collected: 01/30/23 12:00

Date Received: 01/31/23 14:20

_ab	2
-----	---

02/10/23 12:05

02/09/23 10:02

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) Analyte Result Qualifier MDL Unit Prepared Analyzed Dil Fac Benzene <0.00198 U 0.00198 02/09/23 10:02 02/10/23 12:05 mg/Kg Toluene <0.00198 U 0.00198 02/09/23 10:02 02/10/23 12:05 mg/Kg Ethylbenzene <0.00198 U 0.00198 mg/Kg 02/09/23 10:02 02/10/23 12:05 m-Xylene & p-Xylene <0.00396 U 0.00396 mg/Kg 02/09/23 10:02 02/10/23 12:05 o-Xylene <0.00198 U 0.00198 mg/Kg 02/09/23 10:02 02/10/23 12:05

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118	70 - 130	02/09/23 10:02	02/10/23 12:05	1
1,4-Difluorobenzene (Surr)	81	70 - 130	02/09/23 10:02	02/10/23 12:05	1

0.00396

mg/Kg

Method: TAL SOP Total BTEX	- Total BTEX Calculation
A l 4 .	D 11 0 110

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/10/23 14:06	1

Method: SW846 8	015 NM	- Diesel	Range	Organics	(DRO)	(GC)

Analyte	Result (Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9 l	U	49.9	mg/Kg			02/13/23 17:32	1

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

Analyte	Result	Qualifier	RL	MDL Ur	nit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.9	U	49.9	m	g/Kg		02/08/23 10:35	02/12/23 03:36	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.9	U	49.9	m	g/Kg		02/08/23 10:35	02/12/23 03:36	1
C10-C28)									
Oll Range Organics (Over C28-C36)	<49.9	U	49.9	m	g/Kg		02/08/23 10:35	02/12/23 03:36	1
<u> </u>	A / =								

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130	02/08/23 10:35	02/12/23 03:36	1
o-Terphenyl	78		70 - 130	02/08/23 10:35	02/12/23 03:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Released to Imaging: 12/28/2023 2:12:02 PM

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	343		4.96		mg/Kg			02/06/23 17:35	1

Surrogate Summary

Client: NT Global Job ID: 890-4001-1 Project/Site: McCord Enterprises 23 WCA #2H

SDG: 236891

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		DED4	DED 74	Percent Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
890-4000-A-1-C MS	Matrix Spike	113	95	
890-4000-A-1-D MSD	Matrix Spike Duplicate	116	94	
890-4001-1	S-1 (2-2.5)	125	88	
890-4001-2	S-1 (3-3.5)	118	93	
890-4001-3	S-2 (2-2.5)	123	95	
890-4001-4	S-2 (3-3.5)	130	97	
890-4001-5	S-3 (1-1.5)	117	95	
890-4001-6	S-3 (2-2.5)	126	97	
890-4001-7	S-3 (3-3.5)	109	94	
890-4001-8	H-1	120	98	
890-4001-9	H-2	128	92	
890-4001-10	H-3	115	95	
890-4001-11	H-4	123	83	
890-4001-12	H-5	118	81	
LCS 880-45885/1-A	Lab Control Sample	102	94	
LCSD 880-45885/2-A	Lab Control Sample Dup	107	100	
MB 880-45843/5-A	Method Blank	76	89	
MB 880-45885/5-A	Method Blank	79	88	
•				
Surrogate Legend BFB = 4-Bromofluorobe				

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
390-3990-A-1-D MS	Matrix Spike	74	78	
390-3990-A-1-E MSD	Matrix Spike Duplicate	77	78	
390-4001-1	S-1 (2-2.5)	63 S1-	77	
390-4001-2	S-1 (3-3.5)	58 S1-	71	
390-4001-3	S-2 (2-2.5)	67 S1-	79	
390-4001-4	S-2 (3-3.5)	65 S1-	76	
390-4001-5	S-3 (1-1.5)	66 S1-	78	
390-4001-6	S-3 (2-2.5)	57 S1-	70	
390-4001-7	S-3 (3-3.5)	60 S1-	71	
390-4001-8	H-1	57 S1-	69 S1-	
390-4001-9	H-2	65 S1-	74	
390-4001-10	H-3	65 S1-	72	
390-4001-11	H-4	58 S1-	69 S1-	
390-4001-12	H-5	67 S1-	78	
LCS 880-45765/2-A	Lab Control Sample	105	119	
_CSD 880-45765/3-A	Lab Control Sample Dup	98	116	
MB 880-45765/1-A	Method Blank	80	101	

OTPH = o-Terphenyl

Client: NT Global Job ID: 890-4001-1
Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-45843/5-A

Matrix: Solid

Analysis Batch: 45841

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 45843

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/23 08:32	02/09/23 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/23 08:32	02/09/23 11:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/23 08:32	02/09/23 11:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/09/23 08:32	02/09/23 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/23 08:32	02/09/23 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/09/23 08:32	02/09/23 11:26	1

MB MB

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	76	70 - 130
1,4-Difluorobenzene (Surr)	89	70 - 130

 Prepared
 Analyzed
 Dil Fac

 02/09/23 08:32
 02/09/23 11:26
 1

 02/09/23 08:32
 02/09/23 11:26
 1

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

Prep Batch: 45885

Analysis Batch: 45841

Matrix: Solid

Lab Sample ID: MB 880-45885/5-A

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 01:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 01:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 01:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/09/23 10:02	02/10/23 01:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/09/23 10:02	02/10/23 01:46	1
Xylenes, Total	< 0.00400	U	0.00400		mg/Kg		02/09/23 10:02	02/10/23 01:46	1

MB MB

Surrogate	%Recovery Qualifi	ïer Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79	70 - 130	02/09/23 10:02	02/10/23 01:46	1
1,4-Difluorobenzene (Surr)	88	70 - 130	02/09/23 10:02	02/10/23 01:46	1

Lab Sample ID: LCS 880-45885/1-A

Matrix: Solid

Analysis Batch: 45841

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 45885

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09059		mg/Kg		91	70 - 130	
Toluene	0.100	0.08814		mg/Kg		88	70 - 130	
Ethylbenzene	0.100	0.09457		mg/Kg		95	70 - 130	
m-Xylene & p-Xylene	0.200	0.1802		mg/Kg		90	70 - 130	
o-Xylene	0.100	0.09066		mg/Kg		91	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1.4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-45885/2-A

Matrix: Solid

Analyte Benzene

Analysis Batch: 45841

						Prep T	ype: To	tal/NA	
						Prep	Batch:	45885	
Spike	LCSD	LCSD				%Rec		RPD	
Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
 0.100	0.1102		mg/Kg		110	70 - 130	20	35	

Eurofins Carlsbad

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QC Sample Results

Client: NT Global Job ID: 890-4001-1 Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

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

Lab Sample ID: LCSD 880-45885/2-A

Matrix: Solid Analysis Batch: 45841 Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 45885

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit %Rec Limits **RPD** Limit Toluene 0.100 0.1025 102 70 - 130 35 mg/Kg 15 Ethylbenzene 0.100 0.1052 mg/Kg 105 70 - 130 11 35 0.200 m-Xylene & p-Xylene 0.2046 mg/Kg 102 70 - 130 35 13 o-Xylene 0.100 0.1077 mg/Kg 108 70 - 130 17

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-4000-A-1-C MS

Matrix: Solid

Analysis Batch: 45841

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 45885

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00202	U	0.100	0.09720		mg/Kg		97	70 - 130	
Toluene	<0.00202	U	0.100	0.09843		mg/Kg		98	70 - 130	
Ethylbenzene	<0.00202	U	0.100	0.09404		mg/Kg		94	70 - 130	
m-Xylene & p-Xylene	<0.00403	U	0.201	0.1810		mg/Kg		90	70 - 130	
o-Xylene	<0.00202	U	0.100	0.09133		mg/Kg		91	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	113	70 - 130
1,4-Difluorobenzene (Surr)	95	70 - 130

Lab Sample ID: 890-4000-A-1-D MSD

Matrix: Solid

Analysis Batch: 45841

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 45885

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00202	U	0.0990	0.09173		mg/Kg		93	70 - 130	6	35
Toluene	<0.00202	U	0.0990	0.09561		mg/Kg		97	70 - 130	3	35
Ethylbenzene	<0.00202	U	0.0990	0.09271		mg/Kg		94	70 - 130	1	35
m-Xylene & p-Xylene	<0.00403	U	0.198	0.1767		mg/Kg		89	70 - 130	2	35
o-Xylene	<0.00202	U	0.0990	0.09056		mg/Kg		91	70 - 130	1	35

MSD MSD

мв мв

Surroyale	76Recovery	Qualifier	LIIIIII
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

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

Lab Sample ID: MB 880-45765/1-A

Matrix: Solid

Analysis Batch: 46052

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

Prep Batch: 45765

Result Qualifier RL MDL Unit Prepared Gasoline Range Organics <50.0 U 50.0 02/08/23 10:35 02/11/23 20:28 mg/Kg

(GRO)-C6-C10

Project/Site: McCord Enterprises 23 WCA #2H

Client: NT Global

Job ID: 890-4001-1

SDG: 236891

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

Lab Sample ID: MB 880-45765/1-A Client Sample ID: Method Blank **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 46052 Prep Batch: 45765 MR MR

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/08/23 10:35	02/11/23 20:28	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/08/23 10:35	02/11/23 20:28	1
	МВ	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				02/08/23 10:35	02/11/23 20:28	1

101 70 - 130 02/08/23 10:35 02/11/23 20:28 o-Terphenyl Lab Sample ID: LCS 880-45765/2-A Client Sample ID: Lab Control Sample **Matrix: Solid** Prep Type: Total/NA Prep Batch: 45765 Analysis Batch: 46052 LCS LCS Spike Analyte Added Result Qualifier Unit D %Rec Limits Gasoline Range Organics 1000 934.0 93 70 - 130 mg/Kg (GRO)-C6-C10 1000 942.0 Diesel Range Organics (Over mg/Kg 94 70 - 130C10-C28) LCS LCS Qualifier Limits Surrogate %Recovery 1-Chlorooctane 70 - 130 105 o-Terphenyl 119 70 - 130

Matrix: Solid Prep Type: Total/NA **Analysis Batch: 46052** Prep Batch: 45765 Spike LCSD LCSD %Rec **RPD** Added Result Qualifier %Rec Limits RPD Limit Analyte Unit D Gasoline Range Organics 1000 922.0 92 70 - 130 20 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 1000 947.5 mg/Kg 95 70 - 130 20 C10-C28)

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: 890-3990-A-1-D MS Client Sample ID: Matrix Spike **Matrix: Solid** Prep Type: Total/NA Analysis Batch: 46052 Prep Batch: 45765 MS MS %Rec Sample Sample Spike Result Qualifier Added Result Qualifier %Rec Analyte Unit Limits <49.9 U 997 111 70 - 130 Gasoline Range Organics 1111 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over 138 997 1391 mg/Kg 126 70 - 130 C10-C28) MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 74 70 - 130 70 - 130 78 o-Terphenyl

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Client Sample ID: Lab Control Sample Dup

Lab Sample ID: LCSD 880-45765/3-A

Client: NT Global Job ID: 890-4001-1 Project/Site: McCord Enterprises 23 WCA #2H

SDG: 236891

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

Lab Sample ID: 890-3990-A-1- Matrix: Solid Analysis Batch: 46052	E MSD					C	lient Sa	ample II		pike Dup Type: To Batch:	tal/NA
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.9	U	999	1127		mg/Kg		113	70 - 130	1	20
(GRO)-C6-C10											
Diesel Range Organics (Over	138		999	1421		mg/Kg		128	70 - 130	2	20
C10-C28)											

MSD MSD %Recovery Qualifier Limits Surrogate 1-Chlorooctane 70 - 130 77 o-Terphenyl 78 70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-45328/1-A Client Sample ID: Method Blank **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 45610

мв мв MDL Unit Result Qualifier RL Analyte Prepared Analyzed Dil Fac Chloride <5.00 5.00 mg/Kg 02/06/23 15:01

Lab Sample ID: LCS 880-45328/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

Analysis Batch: 45610

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	250	255.7	-	mg/Kg		102	90 - 110	

Lab Sample ID: LCSD 880-45328/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble**

Analysis Batch: 45610

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 256.7 103 90 - 110 0 mg/Kg

Lab Sample ID: 890-4001-3 MS Client Sample ID: S-2 (2-2.5) **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 45610

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Qualifier Limits Result Unit %Rec Chloride 249 101 90 - 110 93.9 346.1 mg/Kg

Lab Sample ID: 890-4001-3 MSD Client Sample ID: S-2 (2-2.5) **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 45610

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	93.9		249	346.7		mg/Kg		102	90 - 110	0	20

Client: NT Global Job ID: 890-4001-1
Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

GC VOA

Analysis Batch: 45841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4001-1	S-1 (2-2.5)	Total/NA	Solid	8021B	45885
890-4001-2	S-1 (3-3.5)	Total/NA	Solid	8021B	45885
890-4001-3	S-2 (2-2.5)	Total/NA	Solid	8021B	45885
890-4001-4	S-2 (3-3.5)	Total/NA	Solid	8021B	45885
890-4001-5	S-3 (1-1.5)	Total/NA	Solid	8021B	45885
890-4001-6	S-3 (2-2.5)	Total/NA	Solid	8021B	45885
890-4001-7	S-3 (3-3.5)	Total/NA	Solid	8021B	45885
890-4001-8	H-1	Total/NA	Solid	8021B	45885
890-4001-9	H-2	Total/NA	Solid	8021B	45885
890-4001-10	H-3	Total/NA	Solid	8021B	45885
890-4001-11	H-4	Total/NA	Solid	8021B	45885
890-4001-12	H-5	Total/NA	Solid	8021B	45885
MB 880-45843/5-A	Method Blank	Total/NA	Solid	8021B	45843
MB 880-45885/5-A	Method Blank	Total/NA	Solid	8021B	45885
LCS 880-45885/1-A	Lab Control Sample	Total/NA	Solid	8021B	45885
LCSD 880-45885/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	45885
890-4000-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	45885
890-4000-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	45885

Prep Batch: 45843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-45843/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 45885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-4001-1	S-1 (2-2.5)	Total/NA	Solid	5035	
890-4001-2	S-1 (3-3.5)	Total/NA	Solid	5035	
890-4001-3	S-2 (2-2.5)	Total/NA	Solid	5035	
890-4001-4	S-2 (3-3.5)	Total/NA	Solid	5035	
890-4001-5	S-3 (1-1.5)	Total/NA	Solid	5035	
890-4001-6	S-3 (2-2.5)	Total/NA	Solid	5035	
890-4001-7	S-3 (3-3.5)	Total/NA	Solid	5035	
890-4001-8	H-1	Total/NA	Solid	5035	
890-4001-9	H-2	Total/NA	Solid	5035	
890-4001-10	H-3	Total/NA	Solid	5035	
890-4001-11	H-4	Total/NA	Solid	5035	
890-4001-12	H-5	Total/NA	Solid	5035	
MB 880-45885/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-45885/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-45885/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4000-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-4000-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 45993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4001-1	S-1 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4001-2	S-1 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4001-3	S-2 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4001-4	S-2 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4001-5	S-3 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4001-6	S-3 (2-2.5)	Total/NA	Solid	Total BTEX	

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Client: NT Global Job ID: 890-4001-1 Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

GC VOA (Continued)

Analysis Batch: 45993 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4001-7	S-3 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4001-8	H-1	Total/NA	Solid	Total BTEX	
890-4001-9	H-2	Total/NA	Solid	Total BTEX	
890-4001-10	H-3	Total/NA	Solid	Total BTEX	
890-4001-11	H-4	Total/NA	Solid	Total BTEX	
890-4001-12	H-5	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 45765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
890-4001-1	S-1 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4001-2	S-1 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4001-3	S-2 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4001-4	4 S-2 (3-3.5) To	Total/NA	Solid	8015NM Prep	
890-4001-5	S-3 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4001-6	S-3 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4001-7 S-3 (3-3.5)		Total/NA	Solid	8015NM Prep	
890-4001-8	H-1	Total/NA	Solid	8015NM Prep	
890-4001-9	H-2	Total/NA	Solid	8015NM Prep	
890-4001-10	H-3	Total/NA	Solid	8015NM Prep	
890-4001-11	H-4	Total/NA	Solid	8015NM Prep	
890-4001-12	H-5	Total/NA	Solid	8015NM Prep	
MB 880-45765/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-45765/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-45765/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3990-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-3990-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 46052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4001-1	S-1 (2-2.5)	Total/NA	Solid	8015B NM	45765
890-4001-2	S-1 (3-3.5)	Total/NA	Solid	8015B NM	45765
890-4001-3	S-2 (2-2.5)	Total/NA	Solid	8015B NM	45765
890-4001-4	S-2 (3-3.5)	Total/NA	Solid	8015B NM	45765
890-4001-5	S-3 (1-1.5)	Total/NA	Solid	8015B NM	45765
890-4001-6	S-3 (2-2.5)	Total/NA	Solid	8015B NM	45765
90-4001-7 S-3 (3-3.5)		Total/NA	Solid	8015B NM	45765
890-4001-8	H-1	Total/NA	Solid	8015B NM	45765
890-4001-9	H-2	Total/NA	Solid	8015B NM	45765
890-4001-10	H-3	Total/NA	Solid	8015B NM	45765
890-4001-11	H-4	Total/NA	Solid	8015B NM	45765
890-4001-12	H-5	Total/NA	Solid	8015B NM	45765
MB 880-45765/1-A	Method Blank	Total/NA	Solid	8015B NM	45765
LCS 880-45765/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	45765
LCSD 880-45765/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	45765
890-3990-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	45765
890-3990-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	45765

Client: NT Global Job ID: 890-4001-1
Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

GC Semi VOA

Analysis Batch: 46207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4001-1	S-1 (2-2.5)	Total/NA	Solid	8015 NM	
890-4001-2	S-1 (3-3.5)	Total/NA	Solid	8015 NM	
890-4001-3	S-2 (2-2.5)	Total/NA	Solid	8015 NM	
890-4001-4	S-2 (3-3.5)	Total/NA	Solid	8015 NM	
890-4001-5	S-3 (1-1.5)	Total/NA	Solid	8015 NM	
890-4001-6	S-3 (2-2.5)	Total/NA	Solid	8015 NM	
890-4001-7	S-3 (3-3.5)	Total/NA	Solid	8015 NM	
890-4001-8	H-1	Total/NA	Solid	8015 NM	
890-4001-9	H-2	Total/NA	Solid	8015 NM	
890-4001-10	H-3	Total/NA	Solid	8015 NM	
890-4001-11	H-4	Total/NA	Solid	8015 NM	
890-4001-12	H-5	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 45328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4001-1	S-1 (2-2.5)	Soluble	Solid	DI Leach	
890-4001-2	S-1 (3-3.5)	Soluble	Solid	DI Leach	
890-4001-3	S-2 (2-2.5)	Soluble	Solid	DI Leach	
890-4001-4	S-2 (3-3.5)	Soluble	Solid	DI Leach	
890-4001-5	S-3 (1-1.5)	Soluble	Solid	DI Leach	
890-4001-6	S-3 (2-2.5)	Soluble	Solid	DI Leach	
890-4001-7	S-3 (3-3.5)	Soluble	Solid	DI Leach	
890-4001-8	H-1	Soluble	Solid	DI Leach	
890-4001-9	H-2	Soluble	Solid	DI Leach	
890-4001-10	H-3	Soluble	Solid	DI Leach	
890-4001-11	H-4	Soluble	Solid	DI Leach	
890-4001-12	H-5	Soluble	Solid	DI Leach	
MB 880-45328/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-45328/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-45328/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4001-3 MS	S-2 (2-2.5)	Soluble	Solid	DI Leach	
890-4001-3 MSD	S-2 (2-2.5)	Soluble	Solid	DI Leach	

Analysis Batch: 45610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4001-1	S-1 (2-2.5)	Soluble	Solid	300.0	45328
890-4001-2	S-1 (3-3.5)	Soluble	Solid	300.0	45328
890-4001-3	S-2 (2-2.5)	Soluble	Solid	300.0	45328
890-4001-4	S-2 (3-3.5)	Soluble	Solid	300.0	45328
890-4001-5	S-3 (1-1.5)	Soluble	Solid	300.0	45328
890-4001-6	S-3 (2-2.5)	Soluble	Solid	300.0	45328
890-4001-7	S-3 (3-3.5)	Soluble	Solid	300.0	45328
890-4001-8	H-1	Soluble	Solid	300.0	45328
890-4001-9	H-2	Soluble	Solid	300.0	45328
890-4001-10	H-3	Soluble	Solid	300.0	45328
890-4001-11	H-4	Soluble	Solid	300.0	45328
890-4001-12	H-5	Soluble	Solid	300.0	45328
MB 880-45328/1-A	Method Blank	Soluble	Solid	300.0	45328
LCS 880-45328/2-A	Lab Control Sample	Soluble	Solid	300.0	45328

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Client: NT Global Job ID: 890-4001-1 Project/Site: McCord Enterprises 23 WCA #2H

SDG: 236891

HPLC/IC (Continued)

Analysis Batch: 45610 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-45328/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	45328
890-4001-3 MS	S-2 (2-2.5)	Soluble	Solid	300.0	45328
890-4001-3 MSD	S-2 (2-2.5)	Soluble	Solid	300.0	45328

Project/Site: McCord Enterprises 23 WCA #2H

Job ID: 890-4001-1

SDG: 236891

Client Sample ID: S-1 (2-2.5)

Date Collected: 01/30/23 12:00 Date Received: 01/31/23 14:20 Lab Sample ID: 890-4001-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	45885	02/09/23 10:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45841	02/10/23 03:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45993	02/10/23 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			46207	02/13/23 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45765	02/08/23 10:35	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46052	02/11/23 23:19	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45328	02/03/23 09:10	KS	EET MID
Soluble	Analysis	300.0		5			45610	02/06/23 16:25	CH	EET MID

Client Sample ID: S-1 (3-3.5) Lab Sample ID: 890-4001-2 Matrix: Solid

Date Collected: 01/30/23 12:00

Date Received: 01/31/23 14:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45885	02/09/23 10:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45841	02/10/23 04:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45993	02/10/23 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			46207	02/13/23 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45765	02/08/23 10:35	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46052	02/11/23 23:40	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	45328	02/03/23 09:10	KS	EET MID
Soluble	Analysis	300.0		1			45610	02/06/23 16:30	CH	FET MID

Client Sample ID: S-2 (2-2.5) Lab Sample ID: 890-4001-3 Date Collected: 01/30/23 12:00 **Matrix: Solid**

Date Received: 01/31/23 14:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45885	02/09/23 10:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45841	02/10/23 04:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45993	02/10/23 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			46207	02/13/23 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45765	02/08/23 10:35	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46052	02/12/23 00:01	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45328	02/03/23 09:10	KS	EET MID
Soluble	Analysis	300.0		1			45610	02/06/23 16:35	CH	EET MID

Client Sample ID: S-2 (3-3.5) Lab Sample ID: 890-4001-4

Date Collected: 01/30/23 12:00 Date Received: 01/31/23 14:20

Γ	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	45885	02/09/23 10:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45841	02/10/23 05:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45993	02/10/23 12:40	SM	EET MID

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Matrix: Solid

Project/Site: McCord Enterprises 23 WCA #2H

Job ID: 890-4001-1

SDG: 236891

Client Sample ID: S-2 (3-3.5)

Date Collected: 01/30/23 12:00 Date Received: 01/31/23 14:20

Lab Sample ID: 890-4001-4

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			46207	02/13/23 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45765	02/08/23 10:35	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46052	02/12/23 00:22	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	45328	02/03/23 09:10	KS	EET MID
Soluble	Analysis	300.0		1			45610	02/06/23 16:48	CH	EET MID

Client Sample ID: S-3 (1-1.5) Lab Sample ID: 890-4001-5 Date Collected: 01/30/23 12:00 **Matrix: Solid**

Date Received: 01/31/23 14:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45885	02/09/23 10:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45841	02/10/23 05:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45993	02/10/23 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			46207	02/13/23 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45765	02/08/23 10:35	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46052	02/12/23 00:44	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	45328	02/03/23 09:10	KS	EET MID
Soluble	Analysis	300.0		1			45610	02/06/23 16:53	CH	EET MID

Client Sample ID: S-3 (2-2.5) Lab Sample ID: 890-4001-6

Date Collected: 01/30/23 12:00 Date Received: 01/31/23 14:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	45885	02/09/23 10:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45841	02/10/23 06:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45993	02/10/23 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			46207	02/13/23 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45765	02/08/23 10:35	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46052	02/12/23 01:05	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	45328	02/03/23 09:10	KS	EET MID
Soluble	Analysis	300.0		1			45610	02/06/23 17:07	CH	EET MID

Lab Sample ID: 890-4001-7 Client Sample ID: S-3 (3-3.5)

Date Collected: 01/30/23 12:00 Date Received: 01/31/23 14:20

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	45885	02/09/23 10:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45841	02/10/23 09:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45993	02/10/23 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			46207	02/13/23 17:32	SM	EET MID
Total/NA Total/NA	Prep Analysis	8015NM Prep 8015B NM		1	10.02 g 1 uL	10 mL 1 uL	45765 46052	02/08/23 10:35 02/12/23 01:26	AJ SM	EET MID EET MID

Eurofins Carlsbad

Matrix: Solid

Matrix: Solid

Project/Site: McCord Enterprises 23 WCA #2H

Job ID: 890-4001-1

SDG: 236891

Client Sample ID: S-3 (3-3.5)

Date Collected: 01/30/23 12:00 Date Received: 01/31/23 14:20 Lab Sample ID: 890-4001-7

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	45328	02/03/23 09:10	KS	EET MID
Soluble	Analysis	300.0		1			45610	02/06/23 17:12	CH	EET MID

Client Sample ID: H-1 Lab Sample ID: 890-4001-8

Date Collected: 01/30/23 12:00

Matrix: Solid

Date Received: 01/31/23 14:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	45885	02/09/23 10:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45841	02/10/23 10:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45993	02/10/23 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			46207	02/13/23 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	45765	02/08/23 10:35	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46052	02/12/23 02:09	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	45328	02/03/23 09:10	KS	EET MID
Soluble	Analysis	300.0		1			45610	02/06/23 17:17	CH	EET MID

Client Sample ID: H-2 Lab Sample ID: 890-4001-9

Date Collected: 01/30/23 12:00 Date Received: 01/31/23 14:20 **Matrix: Solid**

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	45885	02/09/23 10:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45841	02/10/23 10:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45993	02/10/23 12:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			46207	02/13/23 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45765	02/08/23 10:35	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46052	02/12/23 02:31	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	45328	02/03/23 09:10	KS	EET MID
Soluble	Analysis	300.0		1			45610	02/06/23 17:21	CH	EET MID

Client Sample ID: H-3 Lab Sample ID: 890-4001-10

Date Collected: 01/30/23 12:00 Date Received: 01/31/23 14:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	45885	02/09/23 10:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45841	02/10/23 11:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45993	02/10/23 14:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			46207	02/13/23 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	45765	02/08/23 10:35	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46052	02/12/23 02:53	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	45328	02/03/23 09:10	KS	EET MID
Soluble	Analysis	300.0		1			45610	02/06/23 17:26	CH	EET MID

Lab Chronicle

Client: NT Global Job ID: 890-4001-1 Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

Client Sample ID: H-4 Lab Sample ID: 890-4001-11

Date Collected: 01/30/23 12:00 **Matrix: Solid** Date Received: 01/31/23 14:20

Batch Batch Dil Initial Final Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab 5035 45885 Total/NA Prep 5.01 g 5 mL 02/09/23 10:02 MNR EET MID 8021B Total/NA Analysis 1 5 mL 5 mL 45841 02/10/23 11:39 MNR **EET MID** Total/NA Analysis Total BTEX 45993 02/10/23 14:06 SM EET MID Total/NA 8015 NM 46207 02/13/23 17:32 **EET MID** Analysis 1 SM Total/NA 8015NM Prep 45765 02/08/23 10:35 EET MID Prep 10.01 g 10 mL AJ Total/NA Analysis 8015B NM 1 uL 1 uL 46052 02/12/23 03:15 SM **EET MID** Soluble DI Leach 5.04 g 50 mL 45328 02/03/23 09:10 KS Leach **EET MID** Soluble Analysis 300.0 45610 02/06/23 17:31 СН **EET MID**

Client Sample ID: H-5 Lab Sample ID: 890-4001-12

Date Collected: 01/30/23 12:00 **Matrix: Solid** Date Received: 01/31/23 14:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	45885	02/09/23 10:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	45841	02/10/23 12:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			45993	02/10/23 14:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			46207	02/13/23 17:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	45765	02/08/23 10:35	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46052	02/12/23 03:36	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	45328	02/03/23 09:10	KS	EET MID
Soluble	Analysis	300.0		1			45610	02/06/23 17:35	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global Job ID: 890-4001-1
Project/Site: McCord Enterprises 23 WCA #2H SDG: 236891

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
Texas	NE	ELAP	T104704400-22-25	06-30-23
The following analytes	are included in this report by	it the laboratory is not cortifi	ed by the governing authority. This list ma	av include analytes for
the agency does not of	• •	it the laboratory is not certifi	ed by the governing authority. This list the	ay include arialytes for
0 ,	• •	Matrix	Analyte	ay include analytes for
the agency does not of	fer certification.	•	, , ,	ay include analytes for

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Method Summary

Client: NT Global Job ID: 890-4001-1 Project/Site: McCord Enterprises 23 WCA #2H

SDG: 236891

Method	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
3015 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
I Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global Project/Site: McCord Enterprises 23 WCA #2H

Job ID: 890-4001-1
SDG: 236891

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-4001-1	S-1 (2-2.5)	Solid	01/30/23 12:00	01/31/23 14:20
890-4001-2	S-1 (3-3.5)	Solid	01/30/23 12:00	01/31/23 14:20
890-4001-3	S-2 (2-2.5)	Solid	01/30/23 12:00	01/31/23 14:20
890-4001-4	S-2 (3-3.5)	Solid	01/30/23 12:00	01/31/23 14:20
890-4001-5	S-3 (1-1.5)	Solid	01/30/23 12:00	01/31/23 14:20
890-4001-6	S-3 (2-2.5)	Solid	01/30/23 12:00	01/31/23 14:20
890-4001-7	S-3 (3-3.5)	Solid	01/30/23 12:00	01/31/23 14:20
890-4001-8	H-1	Solid	01/30/23 12:00	01/31/23 14:20
890-4001-9	H-2	Solid	01/30/23 12:00	01/31/23 14:20
890-4001-10	H-3	Solid	01/30/23 12:00	01/31/23 14:20
890-4001-11	H-4	Solid	01/30/23 12:00	01/31/23 14:20
890-4001-12	H-5	Solid	01/30/23 12:00	01/31/23 14:20

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Becky Haskell Bill 10: (if deferent) Chills Medium NTG Environmental Company Name: Earthstone Operating LLC 701 Tradewinds BLVD Address: 600 N. Marienfeld, Suite 1000 Midland, TX 79706 Email: Crity, State ZIP: Midland TX,79701 Midland TX,79701 Crity State of Project: Pst				ide 4	RO 4	(80:	ara	100-1	5)	eter ID:	Thermom		New York	Intact:	Received Intact:
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Chain of Custody

Page 31 of 34

NaHSO₄: NABIS Na₂S₂O₃: NaSO₃

H₃PO₄: HP

Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC

Sample Comments

Cool: Cool HCL: HC H₂SO₄: H₂

MeOH: Me HNO₃: HN NaOH: Na

None: NO

DI Water: H₂O

Preservative Codes

Date/Time

Revised Date 05012020 Rev. 2020 1

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	gnature) Received by: (Signature)	tors. It assigns standard terms and conditions are due to circumstances beyond the control be enforced unless previously negotiated.															REQUEST	Deliverables: EDD	Reporting:Level Level LPST/UST	State of Project:	Program: UST/PST PRP Brownfields RRC	Work Or
	gnature) Date/Time						Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO ₄ : NABIS	H₃PO₄: HP	2	HCL: HC HNO3: HN	Cool: Cool MeOH: Me	None: NO DI Water: H ₂ O	Preservative Codes	ADaPT LI Other:	г)	βrownfields □RRC □uperfund [Work Order Comments

Login Sample Receipt Checklist

Client: NT Global Job Number: 890-4001-1 SDG Number: 236891

List Source: Eurofins Carlsbad Login Number: 4001

List Number: 1

Creator: Stutzman, Amanda

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: NT Global Job Number: 890-4001-1 SDG Number: 236891

Login Number: 4001 List Source: Eurofins Midland
List Number: 2 List Creation: 02/03/23 01:00 PM

Creator: Rodriguez, Leticia

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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April 11, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MCCORD ENTERPRISES 23 WCA #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/05/23 12:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/05/2023 Sampling Date: 04/04/2023

Reported: 04/11/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact
Project Number: 236891 Sample Received By: Tamara Oldaker

Applyand By 1H /

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: VD - 1 (2-2.5') (H231583-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	4.21	
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41	
Total BTEX	<0.300	0.300	04/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/06/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	177	88.3	200	1.09	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					
Surrogate: 1-Chlorooctane	74.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.8	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey & Keene



Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 04/05/2023 Sampling Date: 04/04/2023

Reported: 04/11/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact Sample Received By: Project Number: 236891 Tamara Oldaker

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: VD - 2 (2-2.5') (H231583-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	4.21	
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11	
Total Xylenes*	< 0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41	
Total BTEX	<0.300	0.300	04/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	04/06/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	177	88.3	200	1.09	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					
Surrogate: 1-Chlorooctane	73.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.7	% 49.1-14	8						

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Celecy D. Keene



Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 04/05/2023 Sampling Date: 04/04/2023

Reported: 04/11/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact Sample Received By: Project Number: 236891 Tamara Oldaker

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: VD - 3 (2-2.5') (H231583-03)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	4.21	
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41	
Total BTEX	<0.300	0.300	04/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	04/06/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	177	88.3	200	1.09	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					
Surrogate: 1-Chlorooctane	74.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

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Celeg D. Keine



Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/05/2023 Sampling Date: 04/04/2023

Reported: 04/11/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact Sample Received By: Project Number: 236891 Tamara Oldaker

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: VD - 4 (3-3.5') (H231583-04)

BTEX 8021B	mg/	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	4.21	
Toluene*	<0.050	0.050	04/06/2023	ND	2.06	103	2.00	4.52	
Ethylbenzene*	<0.050	0.050	04/06/2023	ND	2.02	101	2.00	3.11	
Total Xylenes*	<0.150	0.150	04/06/2023	ND	6.34	106	6.00	2.41	
Total BTEX	<0.300	0.300	04/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/06/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2023	ND	177	88.3	200	1.09	
DRO >C10-C28*	<10.0	10.0	04/06/2023	ND	173	86.7	200	0.330	
EXT DRO >C28-C36	<10.0	10.0	04/06/2023	ND					
Surrogate: 1-Chlorooctane	77.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.9	% 49.1-14	8						

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keene



Company Name:

NTG Environmental

Bill to: (if different) Company Name:

Chris Martin

Earthstone Operating LLC

Program: UST/PST PRP Brownfields RRC

□uperfund □

Work Order Comments

G	ω	100km	Relinquished by: (Signature	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	Additoin					VD-4 (3-3.5')	VD-3 (2-2.5')	VD-2 (2-2.5')	VD-1 (2-2.5')	Sample Identification	Total Containers:	Sample Custody Seals	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:	Phone:	City, State ZIP:	Address:
			(Signature)	cument and reling the only for the coge of \$85.00 will be	Additoinal Comments:					3.5')	2.5')	2.5')	2.5')	fication		Yes Yes	Yes	8			T	Ed		McCord Ent	(432)-766-1918	Midland, TX 79706	701 Tradewinds BLVD
			1	uishment of samp st of samples and applied to each p	91					4/4/2023	4/4/2023	4/4/2023	4/4/2023	Date	4	No NIA	No NA	Yes No	Temp Blank:		Kenny Han	Eddy Co, NM.	236891	McCord Enterprises 23 WCA #2H	00	9706	ds BLVD
		13461	Receive	les constitu shall not as roject and a										Time	Corrected	Tempera	Correction Factor:	Thermometer ID:	Yes Mo					CA #2H			
	1	Khala	Received by: (Signature	tes a valid purchas sume any respons charge of \$5 for e						×	×	×	×	Soil	Corrected Temperature:	Temperature Reading:	n Factor:	neter ID:	Wet Ice:	lab, if rece	TAT starts the day received by the	Due Date:	√ Routine	Tur	Email:		
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-		-	9)	rms and c beyond t sly negoti				+	-	-	-	4	-						_	_	_			JEST	Delivera	Reportin	State of
			Rece	assigns standard terms and conditions due to circumstances beyond the control orced unless previously negotiated.				1		1		1					_				-	-			Deliverables: EDD	Reporting:Level II Level III PST/UST	State of Project:
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+	1	1												Sample	H+Ascor	cetate+N	Na.S.O.: NaSO.	NaHSO.: NABIS	H.PO.: HP	H.SO. H.	H H	Cool: Cool	None: NO	Preser	Other:	RRP	
			Date/Time											Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	SO.	BIS		NaOH: Na	HNO. HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes	er:	P Level IV	

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Page 7 of 7

Work Order No:

Revised Date 05012020 Rev. 2020.1



April 14, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MCCORD

Enclosed are the results of analyses for samples received by the laboratory on 04/10/23 14:07.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/10/2023 Reported: 04/14/2023

Project Name: **MCCORD** Project Number: NONE GIVEN

Project Location: **EARTHSTONE - EDDY COUNTY** Sampling Date: 04/10/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez

Sample ID: CS - 1 (2') (H231673-01)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.89	94.5	2.00	6.83	
Toluene*	<0.050	0.050	04/14/2023	ND	2.03	101	2.00	7.13	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.13	106	2.00	7.13	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.52	109	6.00	6.16	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2023	ND	166	82.9	200	4.28	
DRO >C10-C28*	<10.0	10.0	04/14/2023	ND	199	99.4	200	7.71	
EXT DRO >C28-C36	<10.0	10.0	04/14/2023	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: 14

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: CS - 2 (2') (H231673-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.89	94.5	2.00	6.83	
Toluene*	<0.050	0.050	04/14/2023	ND	2.03	101	2.00	7.13	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.13	106	2.00	7.13	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.52	109	6.00	6.16	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2023	ND	166	82.9	200	4.28	
DRO >C10-C28*	<10.0	10.0	04/14/2023	ND	199	99.4	200	7.71	
EXT DRO >C28-C36	<10.0	10.0	04/14/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	123	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: **MCCORD** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Shalyn Rodriguez

EARTHSTONE - EDDY COUNTY Project Location:

Sample ID: CS - 3 (2') (H231673-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	QM-07, QR-03
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	QM-07
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	QM-07
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2023	ND	166	82.9	200	4.28	
DRO >C10-C28*	<10.0	10.0	04/14/2023	ND	199	99.4	200	7.71	
EXT DRO >C28-C36	<10.0	10.0	04/14/2023	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125 9	% 49.1 - 14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: CS - 4 (2') (H231673-04)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2023	ND	166	82.9	200	4.28	
DRO >C10-C28*	17.4	10.0	04/14/2023	ND	199	99.4	200	7.71	
EXT DRO >C28-C36	<10.0	10.0	04/14/2023	ND					
Surrogate: 1-Chlorooctane	98.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: **MCCORD** Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

EARTHSTONE - EDDY COUNTY Project Location:

Sample ID: CS - 5 (2') (H231673-05)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2023	ND	166	82.9	200	4.28	
DRO >C10-C28*	<10.0	10.0	04/14/2023	ND	199	99.4	200	7.71	
EXT DRO >C28-C36	<10.0	10.0	04/14/2023	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Applyzod By: 1H /

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: CS - 6 (2') (H231673-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1200	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/14/2023	ND	166	82.9	200	4.28	
DRO >C10-C28*	<10.0	10.0	04/14/2023	ND	199	99.4	200	7.71	
EXT DRO >C28-C36	<10.0	10.0	04/14/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	126	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: EARTHSTONE - EDDY COUNTY

mg/kg

Sample ID: CS - 7 (3') (H231673-07)

BTEX 8021B

	9,	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: EARTHSTONE - EDDY COUNTY

mg/kg

Sample ID: CS - 8 (2') (H231673-08)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/10/2023

Sampling Date: 04/10/2023

Reported: 04/14/2023 Project Name: MCCORD Sampling Type: Soil

Project Name: MCCORD
Project Number: NONE GIVEN

Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: CS - 9 (2') (H231673-09)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Applyzod By: 1H /

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: CS - 10 (2') (H231673-10)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	104	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Sampling Date:

04/10/2023

Reported: Project Name:

Received:

04/10/2023 04/14/2023 MCCORD

Sampling Type:

Soil Cool & Intact

Project Number:

NONE GIVEN

Sampling Condition: Sample Received By:

Shalyn Rodriguez

Project Location:

EARTHSTONE - EDDY COUNTY

Sample ID: CS - 11 (3') (H231673-11)

BTEX 8021B	mg	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	94.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Kreine



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: CS - 12 (2') (H231673-12)

Received:

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	04/13/2023	ND	416	104	400	0.00	QM-07
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	16.8	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	101	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: JH/

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: CS - 13 (2') (H231673-13)

BTEX 8021B

	9/	9	7	7: 5::.,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	99.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: SW - 1 (0'-2') (H231673-14)

RTFY 8021R

B1EX 8021B	mg	^и кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	32.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.7	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: SW - 2 (0'-2') (H231673-15)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	38.3	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Tux

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: SW - 3 (0'-2') (H231673-16)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	97.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: **MCCORD** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

EARTHSTONE - EDDY COUNTY Project Location:

Sample ID: SW - 4 (0'-2') (H231673-17)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	38.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	97.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	105	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Shalyn Rodriguez

Analyzed By: 1H /

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: SW - 5 (2'-3') (H231673-18)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	< 0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	< 0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	100	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	19.1	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	94.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 04/10/2023 Sampling Date: 04/10/2023

Reported: 04/14/2023 Sampling Type: Soil

Project Name: **MCCORD** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Shalyn Rodriguez

EARTHSTONE - EDDY COUNTY Project Location:

Sample ID: SW - 6 (2'-3') (H231673-19)

BTEX 8021B	mg/	'kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/14/2023	ND	1.87	93.4	2.00	0.860	
Toluene*	<0.050	0.050	04/14/2023	ND	2.08	104	2.00	2.97	
Ethylbenzene*	<0.050	0.050	04/14/2023	ND	2.14	107	2.00	3.81	
Total Xylenes*	<0.150	0.150	04/14/2023	ND	6.49	108	6.00	4.79	
Total BTEX	<0.300	0.300	04/14/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/13/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2023	ND	192	96.1	200	3.61	
DRO >C10-C28*	<10.0	10.0	04/13/2023	ND	189	94.3	200	4.80	
EXT DRO >C28-C36	<10.0	10.0	04/13/2023	ND					
Surrogate: 1-Chlorooctane	81.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.5	% 49.1-14	8						

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(5.5)		
Company Name: NT6を	BILL TO	ANALTOIS REGUEST
Project Manager: Recky Itaskel	P.O. #	
	Company:	
0	88920 Attn:	
# 432 924 8056 Fax #:	Address:	
Project Owner:	Eur+ MStople City:	
ame: McCard	State: Zip:	
n	Phone #:	
4.6.4	Fax#:	
	MATRIX PRESERV. SAMPLING	V
Sample I.D.		BTEX (hori
,	× 5	XXX
2 (5-2 (2))	**	
	×	
	* *	
7	~	
8 55 8 (2)	14	
10 (2,10 (2,1)	\(\frac{1}{2}\)	
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Relinquished By: Time: Time:	E: V-10-25 Received By:	D -
Relinquished By: Date: Rec	Received By:	
Delivered By: (Circle One) Observed Temp. °C L	Sample Condition CHECKED BY: Cool Intact (mitials)	Turnaround Time: Standard S Bacteria (only) Sample Condition Rush Cool Infact Observed Temp. °C Thermometer ID #113 Correction Factor -0.6°C Corrected Temp. °C
FORM-006 R 3.3 07/16/22 + Cardinal canno	Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476	-2476	
Company Name: √√(o∈	BILL TO	ANALYSIS REQUEST
	P.O. #:	
Address: 402 E Wood Ame	Company:	
and	7 zip: 88720 Attn:	
Phone #: 432-924-8056 Fax #:	Address:	
Project #: Project Owner:	ner: Farthstone city:	
Project Name: MC(Arch)	State: Zip:	
= T	Phone #:	
2,00,0	Fax#:	
		K
Lab I.D. Sample I.D.	(G)RAB OR (C)OF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX Chlan TPH
CS-II(3')	_x	-X
13 25-13 (e) 14 <21-1 (o'-2')		
5 SW-2(0'-2')		
7 50 2 2 (6 - 2)		
18 SU-6 (2°-3')		
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedianlyses. All claims including those for negligence and any other cause whatsoever sh	PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or ton, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable	by the client for the rooms of the applicable for the standard of the applicable for the standardes.
affiliates or successors arising out of or related to the performance of services hereunder by Cardinal Relinquished By: Relinquished By: Relinquished By:	t by Cardinal, regardless of whether such claim is based upon any of the above SABRO resolute of Orientees and Received By: All Results	Verbal Result: ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address:
M	shod Roney	REMARKS:
Time:		
Delivered By: (Circle One) Observed Temp. °C	Sample Condition CHECKED BY: Cool Intact (finitials)	Turnaround Time: Standard Bacteria (only) Sample Condition Cool Infact Observed Temp. °C Thermometer ID #113 Tyes Yes
Campier Cr C - Cro Conc.	ON CON CONCENTRATIONS ON CONCE	



April 24, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MCCORD ENTERPRISES 23 WCA #2H

Enclosed are the results of analyses for samples received by the laboratory on 04/20/23 11:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/20/2023 Sampling Date: 04/20/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact Project Number: 236891 Sample Received By: Tamara Oldaker

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: CS - 6 A 3' (H231924-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/20/2023	ND	432	108	400	0.00	QM-07
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Sampling Date:

04/19/2023

Reported:

Received:

04/20/2023 04/24/2023

Sampling Type:

Soil

Project Name:

MCCORD ENTERPRISES 23 WCA #2H

Sampling Condition:

Cool & Intact

Project Number:

236891

Sample Received By:

Tamara Oldaker

Project Location:

EARTHSTONE - EDDY CO., NM

Sample ID: CS - 12 A 3' (H231924-02)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/21/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/21/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/21/2023	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/20/2023 Sampling Date: 04/19/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact
Project Number: 236891 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: EARTHSTONE - EDDY CO., NM

ma/ka

Sample ID: CS - 14 2' (H231924-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/22/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/22/2023	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/20/2023 Sampling Date: 04/19/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact
Project Number: 236891 Sample Received By: Tamara Oldaker

Analyzed By: 14

Project Location: EARTHSTONE - EDDY CO., NM

ma/ka

Sample ID: CS - 15 2' (H231924-04)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/22/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/22/2023	ND					
Surrogate: 1-Chlorooctane	102	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/20/2023 Sampling Date: 04/20/2023

Reported: 04/24/2023 Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Type: Soil

Project Number: 236891 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: CS - 16 2' (H231924-05)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/22/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/22/2023	ND					
Surrogate: 1-Chlorooctane	95.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.1	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/20/2023 Sampling Date: 04/19/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact
Project Number: 236891 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: SW - 4 0-3' (H231924-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/22/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/22/2023	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.2	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/20/2023 Sampling Date: 04/19/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact
Project Number: 236891 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: SW - 5A 2-3' (H231924-07)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/22/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/22/2023	ND					
Surrogate: 1-Chlorooctane	77.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/20/2023 Sampling Date: 04/19/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact
Project Number: 236891 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: SW - 7 2-3' (H231924-08)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/22/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/22/2023	ND					
Surrogate: 1-Chlorooctane	85.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.6	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 04/20/2023 Sampling Date: 04/19/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact
Project Number: 236891 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: SW - 8 0-2' (H231924-09)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/22/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/22/2023	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.3	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Analyzed By: JH

Sampling Date:

04/19/2023

Reported:

Received:

BTEX 8021B

04/20/2023 04/24/2023

Sampling Type:

Soil

Project Name:

MCCORD ENTERPRISES 23 WCA #2H

Sampling Condition:

Cool & Intact

Project Number:

236891

Sample Received By:

Tamara Oldaker

Project Location:

EARTHSTONE - EDDY CO., NM

Sample ID: SW - 9 0-2' (H231924-10)

DIEX GOZID	ıııg,	, kg	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/22/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/22/2023	ND					
Surrogate: 1-Chlorooctane	80.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Analyzed By: JH

Received: 04/20/2023

Sampling Date: 04/19/2023

Reported: 04/24/2023
Project Name: MCCORD ENTERPRISES 23 WCA #2H

Sampling Type: Soil

Project Number: 236891

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: SW - 10 0-2' (H231924-11)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/22/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/22/2023	ND					
Surrogate: 1-Chlorooctane	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.6	% 49.1-14	8						

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Analytical Results For:

NTG ENVIRONMENTAL **BECKY HASKELL** 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706

Fax To:

Received: 04/20/2023 Sampling Date: 04/20/2023

Reported: 04/24/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact Project Number: Sample Received By: 236891 Tamara Oldaker

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: SW - 11 2-3' (H231924-12)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/21/2023	ND	1.92	95.8	2.00	1.49	
Toluene*	<0.050	0.050	04/21/2023	ND	2.04	102	2.00	0.868	
Ethylbenzene*	<0.050	0.050	04/21/2023	ND	2.14	107	2.00	0.698	
Total Xylenes*	<0.150	0.150	04/21/2023	ND	6.49	108	6.00	0.140	
Total BTEX	<0.300	0.300	04/21/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/20/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2023	ND	179	89.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	04/22/2023	ND	164	82.2	200	5.24	
EXT DRO >C28-C36	<10.0	10.0	04/22/2023	ND					
Surrogate: 1-Chlorooctane	82.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Sampler - UPS - Bus - Other:

Corrected Temp. °C A. A

Cool Intact
A Yes A Yes
No No

Thermometer ID #113 Correction Factor -0.6°C

Rush 148h

Cool Intact

Corrected Temp. °C

C'HAIN-OF-CUSTODY AND ANALYSIS REQUEST



	(0,0) 000 2000	1000 000					
Company Name:	177V			BILL TO	0	ANALYSIS	S REQUEST
Project Manager:	" Becky House	1661		P.O. #:			
Address: 70	Travers Blud	ds Blud		company: Forthshure	lare	_	
city: Ma		State: TX	Zip: 7970 1	Attn: Chrs M	Marhi	_	
Phone #: 43	432-766-1918			Address:		_	
Project #: 2	236891	Project Owner:	n	City:			
Project Name: Mclord		Enlerphase 23	3 WC/	State: Zip:			
Project Location:	FOOT	G. UM		Phone #:			
Sampler Name:	2	Han		Fax #:			
FOR LAB USE ONLY	d			MATRIX PRESERV. S.	SAMPLING		
Lab I.D. H23/924	Sample I.D.	e I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	BIEX Chlorde TPH	TPH	
	CS-6A	3,			1		
2	CS-12A	8,		4/19			
CV	(S- 14	ھر		4/l4			
_	51-50	پو		4/19			
5		ຄົ		द्धी म			
0	Sw-4	0-3'		4/19			
7	SW-5A	ر د-ره		1/19			
es es	Sw-7	3-31		7/1Q			
2	8-ms	0-2		pl/h	_		
16 Sw-9	Sw-9	6-2'	+ + +	4/19	+	+	
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Calefficials or successors arising afficials or successors arising afficials.	d Damages. Cardinal's liability on the control of t	and client's exclusive remedy for other cause whatsoever shall by consequental damages, includa mance of services hereunder by	any claim arising whether base deemed waived unless made g without limitation, business in Cardinal, regardless of whether	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's acclusive remoty for any claim arising whether based in contract or fort, shall be limited to the "amount paid by the client for the plantages. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable sanvice. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, afficiate or successors arising out of or related to the performance of services becaused by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or differents.	It paid by the client for the after completion of the applicable I by client, its subsidiaries, ed reasons or otherwise.		
Relinquished By:	Relinquished By:	9	Received By:	Market Market	Verbal Result:	Verbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: All Results are emailed. Please provide Email address:	#: dress:
Relinquished By:		Date:	Received By:	in the same in	REMARKS: 3-1/12	g lade: E	ling lade: FARTHSTONE
Delivered By: (Circle One)	írcle One)	Observed Temp. °C 2.8		Sample Condition CHECKED BY: Cool Intact (Initials)	Turnaround Time:	Standard Bacte	Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C
			2000	1]

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

101 East Marland, Hobbs, NM 88240

236891

PO#

(575) 393-232	(575) 393-2326 FAX (575) 393-2476		- 1
Company Name: NTGE		BILL TO	ANALYSIS REQUEST
Project Manager: Beeling	Hus/ell	P.O. #:	
Travou	ands Blud	Company: Forthstore	
city: Modland	State: [7/ Zip: 79,70]	Attn: Ohns Workm	- M
Phone #: 432-766-[9]	8 WFax#:	Address:	
Project #: Actors Safety Project Owner:	Project Owner:	City:	
Project Name: Nclool	nterphies 33 WCA	State: Zip:	
Project Location: FOOY (o, WM	, VM	Phone #:	
Sampler Name: (knnu)	Hon		
	P.	MATRIX PRESERV. SAME	SAMPLING
4	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER	SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	Brex Chlond
// Sw-lD	7		
12 Sw-11	a-3' C 1	Qe[14	*
PLEASE NOTE: Liability and Damages. Cardinal's liability and Damages. Cardinal's liability analyses. All claims including those for negligence and service. In no event shall Cardinal be liable for incidents	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days faller completion of applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subscidines, and the service in the subscident and the service in	based in contract or tort, shall be limited to the amount part made in writing and received by Cardinal within 30 days aft ness interruptions, loss of use, or loss of profits incurred by	id by the client for the explicable completion of the applicable client, its subdistries, concerns or the applicable content to the content of the content o
affiliates or successors arising out of or related to the po Relinquished By:	sors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated leas red By: A Houn Time: 12	hother such claim is based upon any of the above sased in	7. ₹
Relinquished By:	Date: Received By	Received By:	REMARKS: Billing lode: EARTHSTOWE
Delivered By: (Circle One)	Observed Temp. °C 2/8 Cc	Sample Condition CHECKED BY: Cool Intact (Initials) Pres Pres	Turnaround Time: Standard Bacteria (only) Sample Condition Rush Cool Intact Observed Temp. °C Thermometer ID #113 Thermometer

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



May 01, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MCCORD

Enclosed are the results of analyses for samples received by the laboratory on 04/28/23 13:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Wite Sough

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/28/2023 Sampling Date: 04/28/2023 Reported: 05/01/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: ** (See Notes)
Project Number: 236891 Sample Received By: Tamara Oldaker

Applyand By 14

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: VD - 5 (1') (H232107-01)

DTEV 0021D

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2023	ND	2.02	101	2.00	0.732	
Toluene*	<0.050	0.050	04/28/2023	ND	2.05	103	2.00	0.898	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	2.07	103	2.00	0.422	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.27	105	6.00	0.819	
Total BTEX	<0.300	0.300	04/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/01/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/29/2023	ND	212	106	200	7.65	
DRO >C10-C28*	<10.0	10.0	04/29/2023	ND	209	105	200	0.984	
EXT DRO >C28-C36	<10.0	10.0	04/29/2023	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mile Sough

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Mile Sough

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 12/28/2023 2:12:02 PM

Page 130 of 140



Chain of Custody

	Total Containers:	Seals: Yes	Yes	received intact:	CEIPT	TO H	iers Name:			Project Number:	Froject Name:	Project No.	432-/66-1918		City, State ZIP: Midland TX, 79701	701 Tradewinds Blvd.	Address: 701 Total	Company Name: NTG Environmental	Becky Haskell
	1 Corrected Temperature	No NIA Temperature Reading:	No (NIA) Correction Factor	No Thermometer ID:	Temp Blank: Yes NO V		Tyler Kimball TA			236891	McCord				1701	Is Blvd.		nental	
			tor -0.6°	D. //3	Wet loe: Yes No	lab, if received by 4:30pm	TAT starts the day received by the	Due Date: 24HR	-	Routine 7 Rush	Turn Around		Email: cmartin@earthstoneenergy com	City, State LIP:	Office State No.	Address:	Company Name:	Compone	Bill to: (if different)
1 :	8015	M (0	EX 8	021	ORO		RO)		Code	Pres. ANALYS	Amarwa		Oneenerov com	Midland TX,79701	0000	600 N. Marienfeld Suite 1000	Earthstone Operating LLC		nt) Chris Martin
_										NALYSIS REQUEST		Deliverables: EDU_		Reporting:Level Level PST/INT TOTA	ome of Floject	State of Project:	Program: UST/PS PR Brownfiel	Work O	
NaOH+Ascorbic Acid: SABC	Zn Acetate+NaOH: Zn	H Na2S2O3: NaSO3	NaHSO4: NABIS	H ₃ PO ₄ : HP	H ₂ S0 ₄ : H ₂ NaOH: Na	HCL: HC HNO3: HN	Cool: Cool MeOH: Me	Noise, NO DI Water, H ₂ O		Preservative Codes		ADaP1 Other:	INC.	PST/IIT TOTA		Piowillian R		Work Order Comments	1 of 1 of 1

Sample Identification VD-5 (1")

Date

Time

Soil

Water

Comp Grab/

of

Sample Comments

			yler Kimball	A service. Xenco will be liable only for the cost of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions a Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. Relinquished by: (Signature)	ino Cinata	Additional Comments:										(1)	VI.5
		Junan	10/1/10	shment of samples co of samples and shall in pplied to each project												4/20/2023	100000
		de designa	(Neceived by (algnatuse)	nstitutes a valid purchase order not assume any responsibility fund and a charge of \$5 for each san		Billing Code: EAROPEMTX										×	
		4 118		from client comp or any losses or e ople submitted to				-				-				Grab/	
		4-28-23 13232	Date	xpenses inco Xenco, but r					-			-	-			1	
		3 130	Date/Time	o, its affiliates urred by the o not analyzed.					+			-		-		×	
Ø	4	232		s and subcor client if such These terms					+	-	1	-	+	+	-	×	
			Relinquished by: (Signature)	ntractors. It assigns losses are due to c will be enforced ur					-	-			+				
			(Signature)	assigns standard terms and conditions due to circumstances beyond the control orced unless previously negotiated.					-				-	+	+		
			Received by: (Signature)	and conditions ond the control gotiated.													
			Date/Time														

Work Order No:

Revised Date 05012020 Rev. 2020.1



May 01, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MCCORD

Enclosed are the results of analyses for samples received by the laboratory on 04/28/23 13:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Wite Sough

Accreditation applies to public drinking water matrices.

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

Sincerely,

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 04/28/2023 Sampling Date: 04/28/2023 Reported: 05/01/2023 Sampling Type: Soil

Project Name: MCCORD Sampling Condition: ** (See Notes)
Project Number: 236891 Sample Received By: Tamara Oldaker

A I J D. ... 711

Project Location: EARTHSTONE - EDDY COUNTY

Sample ID: VD - 5 (1') (H232107-01)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2023	ND	2.02	101	2.00	0.732	
Toluene*	<0.050	0.050	04/28/2023	ND	2.05	103	2.00	0.898	
Ethylbenzene*	<0.050	0.050	04/28/2023	ND	2.07	103	2.00	0.422	
Total Xylenes*	<0.150	0.150	04/28/2023	ND	6.27	105	6.00	0.819	
Total BTEX	<0.300	0.300	04/28/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/01/2023	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/29/2023	ND	212	106	200	7.65	
DRO >C10-C28*	<10.0	10.0	04/29/2023	ND	209	105	200	0.984	
EXT DRO >C28-C36	<10.0	10.0	04/29/2023	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Mile Sough

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Mile Sough

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 12/28/2023 2:12:02 PM

Chain of Custody



Address: City, State ZIP:

Company Name:

NTG Environmental

Midland TX, 79701 701 Tradewinds Blvd.

City, State ZIP: Address: Company Name: Bill to: (if different)

Midland TX,79701

600 N. Marienfeld, Suite 1000 Earthstone Operating LLC

State of Project: Program: UST/PS

Work Order Comments

of

PR Brownfie s

R

Supe

Chris Martin

ceive		yler Kimball	Relinquished by: (Signature)	f service. Xenco will be liable only f Xenco. A minimum charge of \$8	lotice: Signature of this document	Additional Comments:							(1)	VD-5 (1")	Sample Identification	Total Containers:	Sample Custody Seals:	Cooler Custody Seals:	Received Intact:	SAMPLE RECEIPT	PO#	Sampler's Name:	Project Location	Project Number:	Project Name:		
	Mille	1000	atture)	and relinquishment of sample y for the cost of samples and s									4/20/2023	A/30/3000	ion Date	-	Yes No MA	Yes No (NIA)	(Yes) No	Temp Blank:		Tyler Kimball	Eddy County	236891	McCord	432-/66-1918	
	and on	Keceived by:	oject and a charge	s constitutes a val	Code. DAROFEMIX	Rilling Code: E	_				-				Time	Corrected Temperature	Temperature Reading:	Correction Factor	nometer	Yes MO 1		1,1	Du				
	and	(signature)	of \$5 for each s	id purchase ord	ANOPEMI	ABODEMT							×			perature:	eading:	tor:	Ō	Wet loe:	lab, if received by 4:30pm	T starts the de	Due Date:	Routine	Turn /	Email: c	
	MIL		ample submitted	er from client cor									Grab/	comp	_	13, 3	129	-0.68	/III	res No	lab, if received by 4:30pm	ropolitod by the	24HR	√ Rush	Turn Around	Email: cmartin@earthstoneenergy.com	City, State ZIF
	428-23	Da	to Xenco, but	npany to Xen									1	COIL	# of			Par	ame	eters			Code	Pres.		stoneene	
		Date/Time	not analyz	co, its affili				-	-				×	-	ТРН	80151	_	EX 8			MR	0)	+	-		gy.com	Midland
4 0	13232		ed. These t	ates and su									×			-	-	oride	_	_			+				Midland TX,79701
		Relinquished by: (Signature)	Relinquished by: (Signature)	of service. Xenco will be liable only for the cost of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of Xenco. A minimum charge of \$85.00 will be applied to the cost of																				200	ANAI YSIS BEOLIEST		
		Received by: (Signature)	yond the control negotiated.	and conditions																				-	101		Reporting:Level
		(Signature								+	+		-				Н	OLD								co.	Level
\parallel														Sampl	NaOH+Asco	Zn Acetate+NaOH: Zn	Na ₂ S ₂ O ₃ : NaSO ₃	NaHSO4: NABIS	H3PO4: HP	H ₂ S0 ₄ : H ₂	HCL: HC	Cool: Cool	None: NO	Prese		ADaPT 0	PST/III
	Total Time	Date/Time												Sample Comments	NaOH+Ascorbic Acid: SAPC	NaOH: Zn	3SO ₃	ABIS		NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes		Other:	100

d Date 05012020 Rev. 2020.1



May 05, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MCCORD ENTERPRISES 23 WCA #2H

Enclosed are the results of analyses for samples received by the laboratory on 05/04/23 12:03.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 05/04/2023 Sampling Date: 05/04/2023

Reported: 05/05/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact
Project Number: 236891 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: EARTHSTONE - EDDY CO., NM

mg/kg

Sample ID: CS - 17 A 3' (H232208-01)

BTEX 8021B

BIEX GOEED	9/	119	Anaryzo	a 2 y : 3 : 1					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.92	95.9	2.00	10.2	
Toluene*	<0.050	0.050	05/04/2023	ND	1.93	96.3	2.00	9.65	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.90	94.9	2.00	9.89	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.81	96.8	6.00	8.50	
Total BTEX	<0.300	0.300	05/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					
Surrogate: 1-Chlorooctane	74.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.8	% 49.1-14	8						

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Celey & Keene



Analytical Results For:

NTG ENVIRONMENTAL BECKY HASKELL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Fax To:

Received: 05/04/2023 Sampling Date: 05/04/2023

Reported: 05/05/2023 Sampling Type: Soil

Project Name: MCCORD ENTERPRISES 23 WCA #2H Sampling Condition: Cool & Intact
Project Number: 236891 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: EARTHSTONE - EDDY CO., NM

Sample ID: SW - 13 2-3' (H232208-02)

RTFY 8021R

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.92	95.9	2.00	10.2	
Toluene*	<0.050	0.050	05/04/2023	ND	1.93	96.3	2.00	9.65	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.90	94.9	2.00	9.89	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.81	96.8	6.00	8.50	
Total BTEX	<0.300	0.300	05/04/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/04/2023	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	196	98.2	200	1.08	
DRO >C10-C28*	11.3	10.0	05/05/2023	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Name.	_	
	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	aboratories

s Blue	Company: Flant stave	ANALYSIS REQUEST
#: 432-766-1918 Fax#:	3	
23/891	Address:	
Enterp		
Koor	Phone #:	
FOR LAB USE ONLY	Fax #:	
mple I.D.	CONTAINERS CROUNDWATER VASTEWATER OIL IL LUDGE THER: CID/BASE: E/COOL THER:	TPH TPH
ω, (2)	G W SI OI SL OT	
SW-13 9-3'	* * * * * * * * * * * * * * * * * * *	
EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the alyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after competition of the alliates or successors asking out of or related to the performance of services hereunder by Cardinal inhation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, efficient shall be already doon any of this architecture.	EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim a rising whether based in contract or tort, shall be limited to the amount paid by the client for the alyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable liables or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above above the subsidiaries.	
elinquished By: Date: Recei	Mely	Verbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: All Results are emailed. Please provide Email address:
Time:	REMARKS:	E NOTICE
elivered By: (Circle One) Observed Temp. °C 5.	Sample Condition CHECKED BY: Turnaround Time:	Standard Bacteria (only) Sample Condition

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

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

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

Action 242629

CONDITIONS

Operator:	OGRID:
Earthstone Operating, LLC	331165
300 N. Marienfeld St Ste 1000	Action Number:
Midland, TX 79701	242629
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created	By Condition	Condition Date
scwel	Area around heater treaters represented by sample ID's VD-1 through VD-5 approved for deferral. Site will need to be remediated and then reclaimed at time of a major facility deconstruction or at plugging and abandonment, whichever comes first.	12/28/2023