

CDH Consulting, LLC Thornton, Colorado 720.431.7468 www.CDHConsult.com

Site Characterization & Remediation Plan

Westall Line Release Incident #nAPP2322554757 Eddy County, New Mexico Unit A, Section 10, Township 17 South, Range 30 East GPS Coordinates: 32.85551, -103.95222

Prepared For

MR NM Operating, LLC Dallas, Texas

Prepared By

CDH Consulting, LLC Thornton, Colorado



October 4, 2024

Shelly Wells
Environmental Specialist
Advanced Environmental Bureau
EMNRD – Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

RE: Site Characterization & Remediation Plan

Westall Line Release Incident #nAPP2322554757 Eddy County, New Mexico Unit A, Section 10, Township 17 South, Range 30 East GPS Coordinates: 32.85551, -103.95222

Shelly Wells,

CDH Consulting, LLC (CDH) on behalf of MR NM Operating, LLC (MR NM) presents this Site Characterization & Remediation Plan for the above referenced location to the New Mexico Oil Conservation Division (OCD).

SITE INFORMATION

The Westall Line Release (Site) occurred approximately 26 miles east of Artesia, New Mexico and 11 miles west of Maljamar, New Mexico (Figure 1). The legal location description is Unit Letter A, Section 10, Township 17 South, Range 30 East in Eddy County, New Mexico.

On July 31, 2023, the release was discovered exiting a poly water disposal line by Cypress Natural Resources (CNR, parent company of MR NM) personnel at approximately 3:30 pm. The line was shut-in by 4:00 pm and repaired that evening. During repairs, a drag mark on the poly line was determined to be the source of the release, likely damaged during line installation. Approximately 20 feet of poly line was removed and replaced with new poly line. On July 31, 2023, a vacuum truck removed approximately 25 barrels of produced water from the ground surface. MR NM used the time calculated between the notification of the release and when the line was last driven and the estimated rate through the flowline from CNR facilities to estimate the volume released (approximately 150 barrels). Recovered volumes were reported by the quantity removed by the vacuum truck (Attachment A). On August 15, 2023, a Form C-141 was submitted to the OCD detailing the initial response to the release. The initial C-141 is included as Attachment B.

During emergency response activities, produced water reached an open excavation adjacent to the pumpjack for the Federal R #002 (API #30-015-04170) operated by LLJ Ventures, LLC DBA Marker Oil & Gas in the downgradient direction relative to the release. Produced water was recovered from the open excavation via hydrovac.



GROUNDWATER & SITE RANKING

There are no significant watercourses or other sensitive areas within specified distances of the release as defined by 19.15.29.12.C.(4) or within a ½- mile of the site. The New Mexico Office of the State Engineer (OSE) lists point of diversion (POD) RA-13319-POD1 located approximately 812 feet northeast of the release (Figure 1). The soil boring log for RA-13319-POD1 indicates the soil boring was advanced to 101 feet below ground surface (bgs) and was documented to be a "dry hole". The soil boring log for RA-13319-POD1 is included as Attachment C.

As depth-to-groundwater near the release has been documented to be greater than 100 feet bgs, the closure criteria for soil deeper than 4 feet bgs is summarized below per 19.15.29.12 NMAC:

- Chloride 20,000 milligrams per kilogram (mg/kg)
- Total petroleum hydrocarbons (TPH) including gasoline range organics (GRO), diesel range organics (DRO), and motor oil/lube organics (MRO) - 2,500 mg/kg
- GRO and DRO 1,000 mg/kg
- Benzene, toluene, ethylbenzene, total xylenes (BTEX) 50 mg/kg
- Benzene 10 mg/kg

The top 4 feet of soil will be horizontally delineated to the reclamation standard summarized below per 19.15.29.12 NMAC and the top 4 feet of soil will be reclaimed to the criteria listed below per NMAC 19.15.29.13.D.(1).

- Chloride 600 mg/kg
- TPH 100 mg/kg
- BTEX 50 mg/kg
- Benzene 10 mg/kg

SITE CHARACTERIZATION

On October 10, 2023, CDH personnel were onsite to visually inspect the impacted area and collect a soil sample from the release point. Soil was observed to be a red, gravelly, fine sandy loam. CDH personnel collected SS04@0.5 from the release point to determine if the soil was impacted (Figure 2) and analyzed for chloride per United States Environmental Protection Agency (EPA) Method 300.0, TPH (GRO+DRO+MRO) per EPA Method 8015, and BTEX per EPA Method 8021B. Photos of the site during the initial site visit are included as Attachment D.

Laboratory analytical results were compared to the above-mentioned OCD criteria for the top 4 feet of soil. Analytical results indicate that TPH, benzene, and BTEX were below laboratory reporting limits in SS04@0.5. Chloride exceeded the OCD reclamation standard for the top 4 feet of soil (600 mg/kg) in SS04 with a concentration of 12,200 mg/kg per NMAC 19.15.29.13.D.(1). The release location and soil sample location for SS04 are presented on Figure 2. The laboratory analytical report is included in Attachment E and summarized in Table 1.



On April 18, 2024, CDH personnel were onsite to horizontally and vertically delineate chloride impacts. Soil samples were collected by stepping out approximately 20 feet in each cardinal direction relative to the release point (SS04). The soil samples were collected at 0.5 feet bgs to be field screened for chloride utilizing Hach Chloride QuanTab® Test Strips. If field screening indicated chloride concentrations were incompliance with the OCD reclamation standard for the top 4 feet of soil (600 mg/kg), soil samples were collected at that location from depths of 0.5 feet, 2 feet, and 4 feet bgs to be submitted for laboratory analysis of chloride.

Field screening at soil sample locations SS01 (46 mg/kg), SS02 (50 mg/kg), and SS03 (504 mg/kg) indicated chloride concentrations were potentially in-compliance with the OCD reclamation standard for the top 4 feet of soil (600 mg/kg); therefore, soil samples were collected at depths of 0.5 feet, 2 feet, and 4 feet at these locations. Field screening indicated elevated chloride concentrations 20 feet west (1,560 mg/kg), 40 feet west (1,680 mg/kg), and 60 feet west (1,560 mg/kg) of the release point (SS04). Field screening 80 feet west of the release point (SS04) indicated chloride was potentially in-compliance with the OCD reclamation standard for the top 4 feet of soil (600 mg/kg) with an estimated chloride concentration of 211 mg/kg. Soil samples were collected at soil sample location SS05 from depths of 0.5 feet, 2 feet, and 4 feet bgs. To vertically delineate elevated chloride identified in SS04@0.5, soil samples were collected at SS04@2.0 and SS04@4.0. Background soil samples were collected from BG01 from depths of 0.5 feet, 2 feet, and 4 feet bgs (Figure 3). Soil samples were placed in laboratory-supplied 4-ounce glass jars, labeled, stored in a cooler, placed on ice, and hand-delivered via standard chain-of-custody protocol to Envirotech of Farmington, New Mexico, for analysis of chloride per EPA Method 300.0. The laboratory analytical report is included in Attachment E and summarized in Table 1.

Laboratory analytical results indicated:

- SS01@0.5 (489 mg/kg) and SS02@0.5 (<20.0 mg/kg) were below the OCD reclamation standard for the top 4 feet of soil (600 mg/kg), successfully delineating horizontal chloride impacts to the north and east (Figure 2);
- Soil sample SS04@4.0 in-compliance with the OCD Table I Closure Criteria (20,000 mg/kg) with a concentration of 13,900 mg/kg, successfully delineating vertical chloride impacts (Figure 2);
- Soil at sample location SS03, slightly exceeded the OCD reclamation standard for the top 4 feet of soil (600 mg/kg) at 0.5 feet (1,480 mg/kg), 2 feet (873 mg/kg), and 4 feet (719 mg/kg);
- Soil at sample location SS05, slightly exceeded the OCD reclamation standard for the top 4 feet of soil (600 mg/kg) at 0.5 feet (660 mg/kg), 2 feet (835 mg/kg), and 4 feet (856 mg/kg); and
- Background soil samples at BG01 were below the laboratory reporting limits at all depths.

On September 5, 2024, CDH personnel were onsite to collect soil samples from the area located between the MR NM produced water flowline release and the open excavation adjacent to the Federal R #002 (API #30-015-04170) operated by LLJ Ventures, LLC DBA Marker Oil & Gas. Soil samples were collected from SS06, SS07, and SS08 to gather information to differentiate impacted soil associated with the MR NM flowline release and the Federal R #002 open excavation.



Laboratory analytical results at SS06 indicated chloride (695 mg/kg) exceeded the reclamation standard (600 mg/kg) at 6 inches bgs but was in-compliance with the remediation standard at 4 feet bgs (147 mg/kg). TPH, GRO, DRO, oil range organics (ORO), BTEX, and benzene were all below the laboratory reporting limits at SS06. At SS07, located 17 feet closer to the Federal R #002 open excavation, chloride (3,050 mg/kg) and TPH (2,070 mg/kg) at 6 inches bgs increased significantly. SS07 was in-compliance with the reclamation standard at 4 feet bgs for chloride (176 mg/kg) and TPH, GRO, DRO, ORO, BTEX, and benzene were all below the laboratory reporting limits. At SS08 chloride was in-compliance with the reclamation standard at 1-foot bgs (75.5 mg/kg) and 4 feet bgs (543 mg/kg) but exceeded the reclamation standard for TPH (100 mg/kg) due to elevated DRO (531 mg/kg). TPH (at 4 feet bgs), GRO, DRO, ORO, BTEX, and benzene were all below the laboratory reporting limits at SS08.

REMEDIATION PLAN

On October 2, 2024, CDH and the OCD developed a clear and reasonable path forward regarding the LLJ Ventures, LLC DBA Marker Oil & Gas Federal R #002 wellhead release open excavation via Microsoft Teams. It was agreed that MR NM will remove 6 inches (approximately 2 cubic yards) in the vicinity of SS07 (Figure 4). The dimensions of soil removed will be noted and photographically documented, but no confirmation soil samples will be collected from this area. MR NM will collect confirmation soil samples for all OCD Table 1 Soil Standard constituents within the primary excavation area; however, if TPH or BTEX is encountered MR NM will cease excavation in the applicable direction as this would indicate Federal R #002 wellhead release impacts have been encountered. MR NM will import approximately 17 cubic yards of topsoil as backfill material for the off-pad and off-road area (Figure 4). MR NM will import non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg in accordance with 19.15.29.13.D.(1) NMAC as backfill material for on-pad and on-road areas (approximately 683 cubic yards).

Chloride impacted soil will be excavated to 4 feet bgs within the planned excavation area (Figure 4) to remove chloride impacted soil exceeding the OCD reclamation standard for the top 4 feet of soil (600 mg/kg). However, extending the excavation southwest may encroach the open excavation associated with the Federal R #002 (API #30-015-04170) where there is a record of violation as well as an open excavation; therefore, MR NM will cautiously extend the excavation to the southwest documenting field screening results to ensure MR NM is excavating the release that originated from MR NM's flowline and not impacted soil associated with the Federal R #002 production well or tank battery (Figure 4). CDH anticipates the removal of approximately 700 cubic yards of chloride impacted soil. Impacted soil will be transported to an OCD-approved offsite disposal facility.

To confirm chloride impacted soil has successfully been removed from the excavation and to complete horizontal delineation, one 5-point composite confirmation sample will be collected for every 200 square feet of sidewall (approximately 6 sidewall samples). One 5-point composite confirmation sample will be collected from the base of the excavation for every 400 square feet to be submitted for laboratory analysis of chloride. By collecting a 5-point composite confirmation soil sample from the base of the excavation for every 400 square feet instead of every 200 square feet, the minimum number of confirmation samples will be reduced from 25 samples to 12 samples, which will more than sufficiently confirm that chloride



impacted soil has been successfully removed from the base of the excavation.

Please do not hesitate to contact Michael A. Wicker at (616) 970-8459 or mwicker@cdhconsult.com if you have any questions or require additional information.

Kind Regards,

CDH CONSULTING, LLC

Michael A. Wicker, P.G.

Senior Geologist

Attachments

Figures

Table

Attachment A – Disposal Manifest

Attachment B - Initial C-141

Attachment C – Soil Boring Log

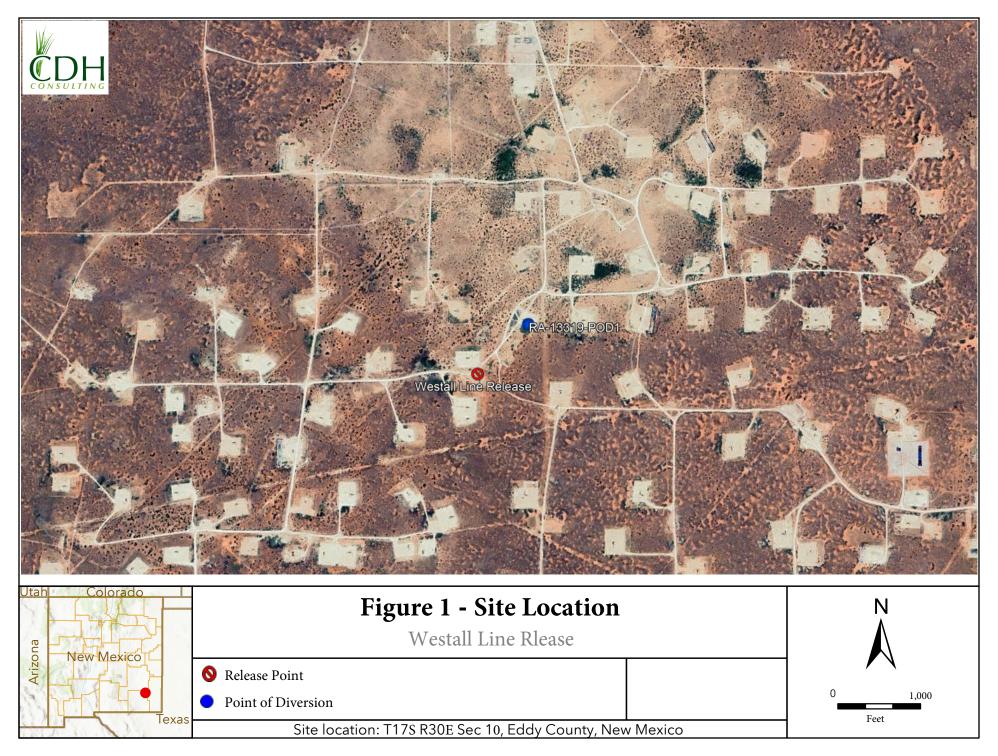
Attachment D – Photographic Log

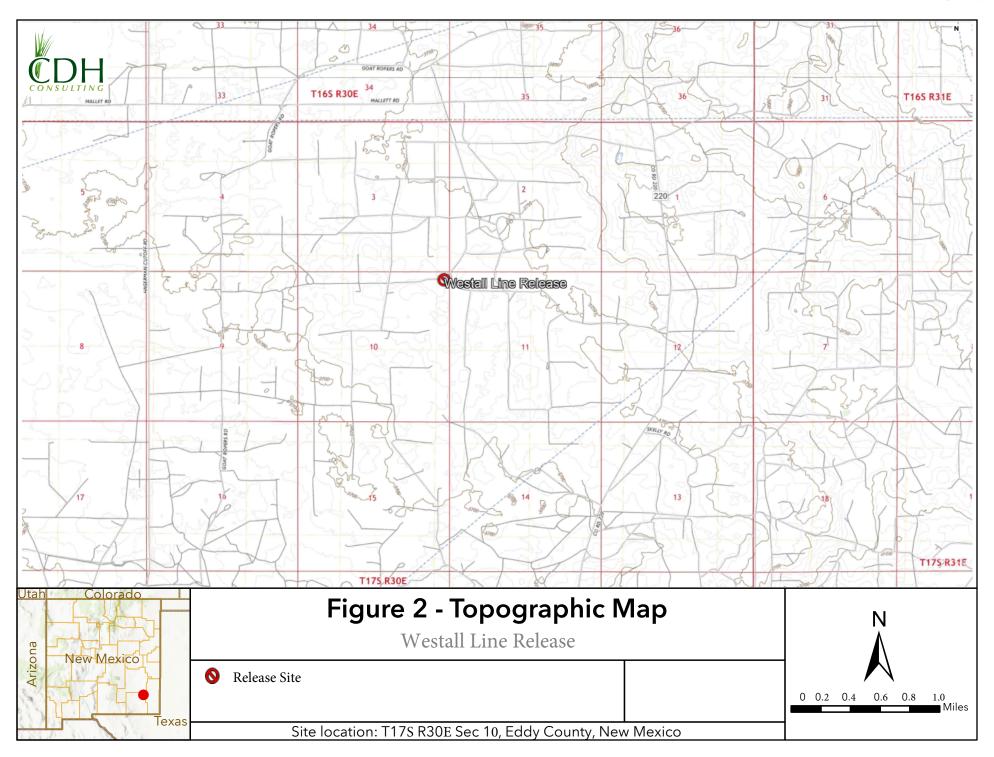
Attachment E – Laboratory Analytical Reports

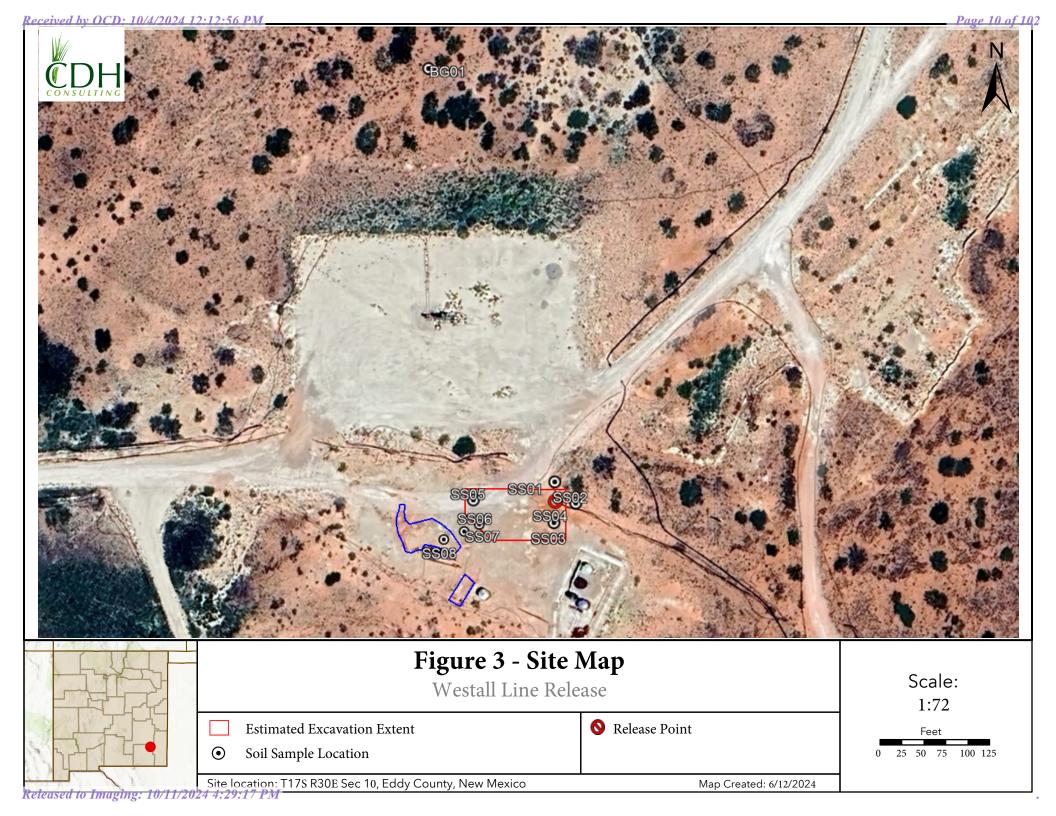
Chris Del Hierro Principal & Partner

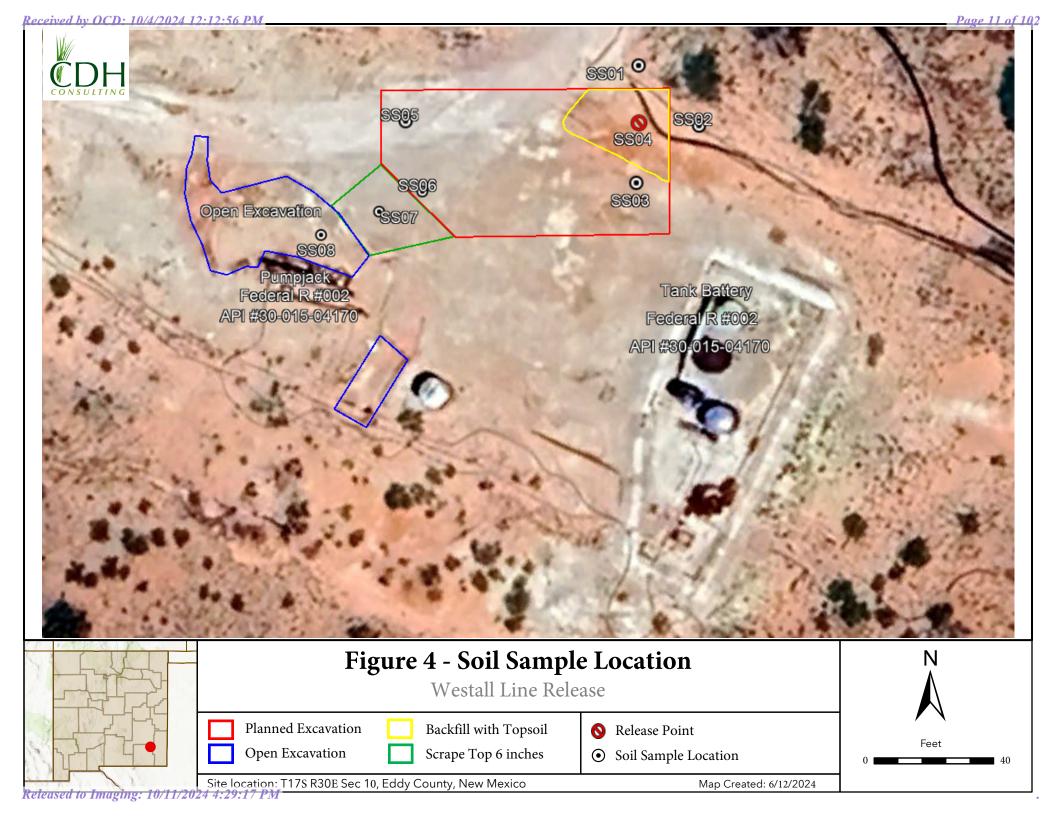
FIGURES











TABLE



TABLE 1
SOIL ANALYTICAL RESULTS
WESTALL LINE RELEASE
INCIDENT #nAPP2322554757
EDDY COUNTY, NEW MEXICO
MR NM OPPERATING, LLC

Sample ID	Date Sampled	Depth (ft bgs)	Chlorides (mg/kg)	TPH ⁽²⁾ mg/kg	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	BTEX (mg/kg)	Benzene (mg/kg)
NMOCD Table I Soil	Standard (mg/kg) ⁽¹⁾	0-4	600	100	NA	NA	NA	50	10
NMOCD Table I Soil	Standard (mg/kg) ⁽²⁾	>4	20,000	2,500	NA	NA	1,000	50	10
BG01@0.5	4/18/2024	0.5	<20.0						
BG01@2.0	4/18/2024	2.0	<20.0						
BG01@4.0	4/18/2024	4.0	<20.0				-		
SS01@0.5	4/18/2024	0.5	489						
SS02@0.5	4/18/2024	0.5	<20.0						
SS03@0.5	4/18/2024	0.5	1,480						
SS03@2.0	4/18/2024	2.0	873						
SS03@4.0	4/18/2024	4.0	719				-		
SS04@0.5	10/10/2023	0.5	12,200	<49.9	<49.9	<49.9	<49.9	<0.00396	<0.00198
SS04@2.0	4/18/2024	2.0	10,900				1		
SS04@4.0	4/18/2024	4.0	13,900				-		
SS05@0.5	4/18/2024	0.5	660				-		
SS05@2.0	4/18/2024	2.0	835				-		
SS05@4.0	4/18/2024	4.0	856				1		
SS06@0.5	9/5/2024	0.5	695	<95.0	<20.0	<25.0	<50.0	<0.1000	<0.0250
SS06@4.0	9/5/2024	4.0	147	<95.0	<20.0	<25.0	<50.0	<0.1000	<0.0250
SS07@0.5	9/5/2024	0.5	3,050	2,070	<20.0	1,020	1,050	<0.1000	<0.0250
SS07@4.0	9/5/2024	4.0	176	<95.0	<20.0	<25.0	<50.0	<0.1000	<0.0250
SS08@1.0	9/5/2024	1.0	75.5	531	<20.0	531	<50.0	<0.1000	<0.0250
SS08@4.0	9/5/2024	4.0	543	<95.0	<20.0	<25.0	<50.0	<0.1000	<0.0250

Notes:

Soil sample location SS04 represents soil from the source of the release

- 1. Standards for soil are taken from 19.15.29.12(C)(4) NMAC, Table I, Depth to ground water 0-50 ft
- 2. TPH Total volatile and extractable hydrocarbons. Value calculated by adding GRO, DRO and ORO concentrations.

Bold = Result above closure criteria

NMOCD = New Mexico Oil Conservation Division

(<) = Analytical result is less than the indicated laboratory reporting limit

GRO = Gasoline range organics

DRO = Diesel range organics

ORO = Oil range organics

BTEX = Total benzene, toluene, ethylbenzene, and total xylenes

mg/kg = Milligrams per kilogram

ft = Feet

bgs = Below ground surface

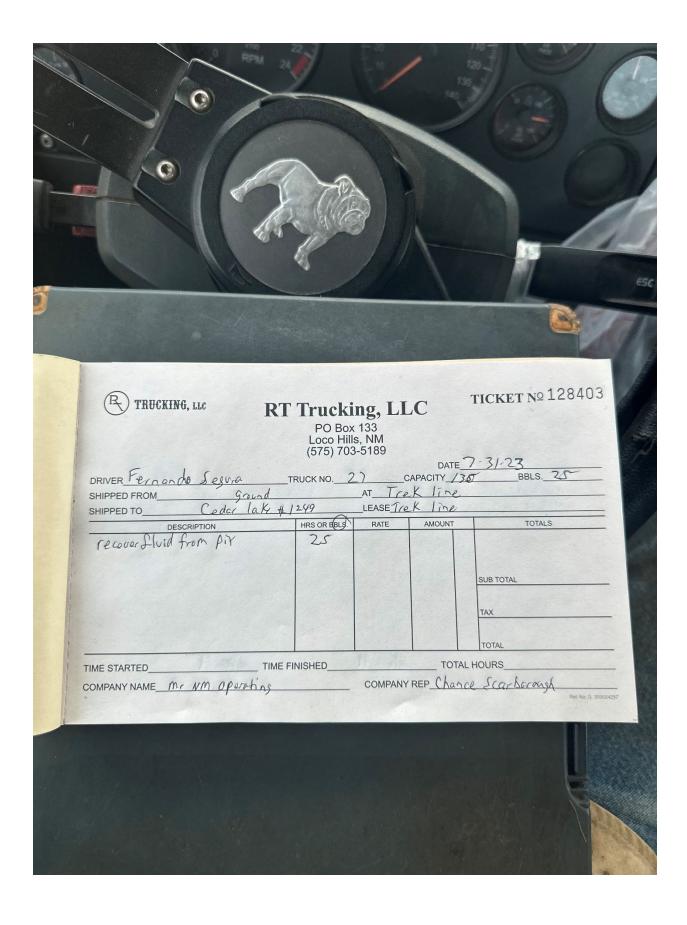
NA = not applicable



ATTACHMENT A

Disposal Manifest





ATTACHMENT B

Initial C-141



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**

QUESTIONS

Action 251403

QUESTIONS

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	251403
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source		
Please answer all the questions in this group.		
Site Name	Water Disposal Flowline Release	
Date Release Discovered	07/31/2023	
Surface Owner	Federal	

ncident Details			
Please answer all the questions in this group.			
Incident Type	Produced Water Release		
Did this release result in a fire or is the result of a fire	No		
Has this release reached or does it have a reasonable probability of reaching a watercourse	No		
Has this release endangered or does it have a reasonable probability of endangering public health	No		
Has this release substantially damaged or will it substantially damage property or the environment	No		
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No		

Nature and Volume of Release				
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.				
Crude Oil Released (bbls) Details	Not answered.			
Produced Water Released (bbls) Details	Cause: Human Error Flow Line - Production Produced Water Released: 150 BBL Recovered: 25 BBL Lost: 125 BBL.			
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Yes			
Condensate Released (bbls) Details	Not answered.			
Natural Gas Vented (Mcf) Details	Not answered.			
Natural Gas Flared (Mcf) Details	Not answered.			
Other Released Details	Not answered.			
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.			

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

QUESTIONS, Page 2

Action 251403

QUESTIONS (continued)

Operator: (OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	251403
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)			
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.		
Was this a major release as defined by 19.15.29.7(A) NMAC	Yes, major release.		
Reasons why this would be considered a submission for a notification of a major release	Unauthorized release of a volume, excluding gases, of 25 barrels or more		
If YES, was immediate notice given to the OCD, by whom	Katherine Kahn, CDH Consulting, LLC		
If YES, was immediate notice given to the OCD, to whom	Mike Bratcher, OCD		
If YES, was immediate notice given to the OCD, when	08/01/2023		
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	phone		
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.			

Initial Response				
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.				
The source of the release has been stopped	True			
The impacted area has been secured to protect human health and the environment	True			
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True			
All free liquids and recoverable materials have been removed and managed appropriately	True			
If all the actions described above have not been undertaken, explain why	Not answered.			

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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ACKNOWLEDGMENTS

Action 251403

ACKNOWLEDGMENTS

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	251403
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

V	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
✓	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
✓	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.
V	I acknowledge the fact that 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.
V	I acknowledge the fact that, 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.

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

CONDITIONS

Action 251403

CONDITIONS

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	251403
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

CONDITIONS

Creat	ed By		Condition Date
gfas	st_cdh	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	8/13/2023

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	NAPP2322554757
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

D 31.1	D / MD)	DAO 4: II			OGRID				
Responsible Party MR NM Operating LLC Contact Name Klint Farrar									
					Contact Telephone (469) 906-2004				
Contact emai		@cypressnr.com			Incident #	(assigned by OCD)			
Contact maili	ing address	5950 Berkshire I Dallas, TX 7522							
			Location	n of R	delease S	ource			
Latitude	32.85551					-103.95222			
			(NAD 83 in a	lecimal de	grees to 5 decir	nal places)			
Site Name	Westall Lin	e Release			Site Type	Flowline			
Date Release	Discovered	7/31/23			API# (if app	plicable)			
Unit Letter	Section	Township	Range		Cour	nty			
A	10	17S	30E	Edd	y				
	Materia	l(s) Released (Select a	Nature an			Release justification for the volumes prov	rided below)		
Crude Oil		Volume Release			•	Volume Recovered (bbls)			
Produced	Water	Volume Release	ed (bbls) 150 b	bls		Volume Recovered (bbls) 25 bbls			
		Is the concentra produced water	tion of dissolved >10,000 mg/l?	chloride	e in the	in the Yes No			
Condensa	te	Volume Release	ed (bbls)			Volume Recovered (bbls)			
Natural G	as	Volume Release	ed (Mcf)			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units)	Volume/Weight Recover	ed (provide units)		
Cause of Relea	ase	•							
evening. During of poly line was NM calculated t	g repairs, a dr s removed and the time betw	rag mark on the poly d replaced with new	v line was determing poly. A vac truck the leak and when t	ned to be removed the line w	the source of approximate as last driven	the release, likely damaged du by 25 bbls of produced water fr and calculated the estimated ra	shut-in by 4 pm and repaired that tring the installation. Twenty feet from the surface on 7/31/23. MR ate through the flowline from		

Received by OCD: 10/4/2024 12:12:56 PM State of New Mexico
Page 2 Oil Conservation Division

Dank	22-2	x 10	1
rage	ZZCO.	$I \notin U$	4
	-0		

Incident ID	NAPP2322554757
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsib	ole party consider this a major release?
19.15.29.7(A) NMAC?	This incident is an unauthorized release of a	volume, excluding gases, of 25 barrels or more.
⊠ Yes □ No		
Mike Bratcher at the OCI this form was emailed to	D (575-626-0857) was notified via phone on 8.	n? When and by what means (phone, email, etc)? 1.23 by Katherine Kahn (CDH Consulting, LLC). Additionally, ez at the BLM (575-234-5972) was also notified of the spill by ral land.
	Initial Resp	oonse
The responsible p	party must undertake the following actions immediately ur	eless 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 dike	es, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and m	nanaged appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain why	y:
Per 10 15 20 8 R (4) NM	IAC the responsible party may commence rem	ediation immediately after discovery of a release. If remediation
has begun, please attach	a narrative of actions to date. If remedial effe	orts have been successfully completed or if the release occurred se attach all information needed for closure evaluation.
I hereby certify that the infor	rmation given above is true and complete to the bes	of my knowledge and understand that pursuant to OCD rules and
public health or the environment	ment. The acceptance of a C-141 report by the OCD	tions and perform corrective actions for releases which may endanger does not relieve the operator of liability should their operations have be groundwater, surface water, human health or the environment. In
		consibility for compliance with any other federal, state, or local laws
Printed Name:Klint F	Farrar	Citle:President
Signature:		Date: 8/1/23
email: klint@cypress	snr.com	Telephone: 469-906-2004
0.000 0.1		
OCD Only		
Received by: Shelly We	ells D	Pate: 8/15/2023

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 251425

CONDITIONS

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	251425
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created E	Condition Condition	Condition Date
scwells	None	8/15/2023

ATTACHMENT CSoil Boring Log



PAGE 1 OF 2

WELL TAG ID NO.



	OSE POD NO.)	T	WELL TAG ID NO.			OSE FILE N					
ON	POD 1 (TW-1) N/A							RA-13319					
GENERAL AND WELL LOCATION	WELL OWNER NAME(S) Spur Energy Partners LLC							PHONE (OPTIONAL)					
ГГС	WELL OWNER MAILING ADDRESS							CITY			STAT	E	ZIP
WEL	9655 Katy Freeway, Suite 500							Houston TX 77024					
S	WELL	\top	DE	GREES	MINUTES	SECOND							
AL A	LOCATION	23.11	TITUDE	32 51 25.10 _N			N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND					
NER	(FROM GPS	S) LON	NGITUDE	103 56 59.71 W		W	* DATUM R	EQUIRED: W	GS 84				
1. GE	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE SW SW Sec. 02 T17S R30E, NMPM												
	LICENSE NO.		NAME OF LICENSED						1	F WELL DRI			
	124				Jackie D. Atkins							ng Associates, In	nc.
	DRILLING ST 8/15/2		DRILLING ENDED 8/15/2023		MPLETED WELL (FT) rary Well Materia			LE DEPTH (FT ±101) DEPTH	WATER FIRS		OUNTERED (FT) /A	
Z	COMPLETED	WELL IS:	ARTESIAN	✓ DRY HOL	E SHALLOV	W (UNCON	FINED)		IC WATER LE MPLETED W		/A	DATE STATIC N 8/23/2	
\TI0	DRILLING FL	.UID:	AIR	MUD	ADDITIVE	ES – SPECII	FY:						8
RM	DRILLING MI	ETHOD:	ROTARY HAMN	MER CABI	LE TOOL 🗸 OTHE	ER – SPECIF	Y: H	Iollow Sten	n Auger	CHECK INSTAL	HERE I	IF PITLESS ADAP	TER IS
INFC	DEPTH (feet bgl) FROM TO DIAM (inches)		CASING MATERIAL AND/OR		CA	ASING	CA	CASING CA		SING WALL	SLOT		
ING				(include o	clude each casing string, and		CONN	NECTION TYPE		INSIDE DIAM. Ti		HICKNESS (inches)	SIZE (inches)
CASING INFORMATION	0	101	(inches) ±6.25	note	note sections of screen) Soil Boring		(add coupling diameter)			(menes)			
G &		101	10.23		3011 Borning								
DRILLING &													
7									-096	OSE OTT AUG 23 2		2023 rm2:07	
			+										
_	DEPTH (BORE HOLE		ST ANNULAR SE.					MOUNT ubic feet)		METHOI PLACEM	
RIA	FROM	ТО	DIAM. (inches) GRAVEL PACK SIZE-RANGE BY INT N/A				OI INIE	RVAL	(0	uoic ieei)		TEACEN	
ANNULAR MATERIAL													
AR M													
MOL													
											-		
ę.											-		
FOR	OSE INTERI	NAL USE		1				WR	-20 WELL	RECORD A	& LOG	G (Version 01/28	8/2022)
	ENO. RA		19		POD NO.	. 1				1460			

LOCATION 176.30E. DZ. 333

PAGE 2 OF 2

WELL TAG ID NO.

	DEPTH (1	feet bgl)	THICKNESS (feet)	INCLUDE WATE	ER-BEARING C	ATERIAL ENCOUN AVITIES OR FRAC ts to fully describe a	TURE ZONE	s	WATI BEARII (YES / I	NG?	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	4	4	San	nd. fine-grained p	oorly grained, Brown	n		Y	✓ N	(61 /
	4	30	26			grained, with caliche			Y	✓ N	
	30	60	60			ained, semi-cemente		_	Y	√ N	
	60	95	35			e-grained sand, Brow			Y	✓ N	
	95	101	6			plasticity, Dark Brow			Y	✓ N	
,	75		Ů		,, 5000, 10000000				Y	N	
ÆLI									Y	N	
)F W									Y	N	
96									Y	N	
СГ									Y	N	
OG!									Y	N	
EOL									Y	N	
4. HYDROGEOLOGIC LOG OF WELL								+	Y	N	
IADI						——————————————————————————————————————		$\overline{}$	Y	N	
4. H									Y	N	
									Y	N	
		-							Y	N	
									Y	N	
									Y	N	
									Y	N	
									Y	N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARIN	G STRATA:			TOTAI	L ESTIM	ATED	
	PUMI	P \Bar{\Bar{\Bar{\Bar{\Bar{\Bar{\Bar{	IR LIFT	BAILER O	ΓHER – SPECIF	Y:		WELL	YIELD	(gpm):	0.00
NOIS	WELL TES	T TEST	RESULTS - ATT T TIME, END TII	ACH A COPY OF DAT ME, AND A TABLE SI	TA COLLECTED HOWING DISC	D DURING WELL T HARGE AND DRAV	ESTING, INC WDOWN OVI	LUDING	G DISCH TESTING	IARGE I	METHOD,
TEST; RIG SUPERVISI										epth to ten feet	
EST	PRINT NAM	ME(S) OF DI	RILL RIG SUPER	RVISOR(S) THAT PRO	VIDED ONSITI	E SUPERVISION O	F WELL CON	STRUCT	TION OT	HER TH	IAN LICENSEE:
5. 1	Shane Eldri			,						-	
SIGNATURE	CORRECT I	RECORD O	F THE ABOVE I	FIES THAT, TO THE E DESCRIBED HOLE AN 30 DAYS AFTER COM	ND THAT HE O	R SHE WILL FILE	GE AND BEL THIS WELL F	IEF, THI RECORD	E FOREC	GOING I	S A TRUE AND ATE ENGINEER
	Jack At	kins		Ja	ckie D. Atkins				8/29/2	2023	
.9		SIGNAT	URE OF DRILLE	ER / PRINT SIGNEE	NAME]	DATE	
FOF	R OSE INTER	NAL USE					WR-20 WE	LL RECO	ORD & L	OG (Ve	rsion 01/28/2022)
	ENO. QA	-133	19		POD NO.		TRN NO.		009	_	

LOCATION 175. 30E

ATTACHMENT D

Photographic Log





















ATTACHMENT E

Laboratory Analytical Reports



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Chris Del Hierro CDH Consulting 9446 Clermont St, Thornton, Colorado 80229

Generated 10/17/2023 12:06:46 PM

JOB DESCRIPTION

Westall Line SDG NUMBER Loco Hills NM

JOB NUMBER

880-34290-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization

Generated 10/17/2023 12:06:46 PM

Authorized for release by Irene Vann, Project Manager Irene.Vann@et.eurofinsus.com (210)509-3334

Client: CDH Consulting
Project/Site: Westall Line

Laboratory Job ID: 880-34290-1
SDG: Loco Hills NM

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receint Checklists	19

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Definitions/Glossary

Client: CDH Consulting Job ID: 880-34290-1 Project/Site: Westall Line SDG: Loco Hills NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier **Qualifier Description**

Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier **Qualifier Description**

MS and/or MSD recovery exceeds control limits. U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery **CFL** Contains Free Liquid **CFU** Colony Forming Unit **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

DL Detection Limit (DoD/DOE)

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

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

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

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

PRES Presumptive QC **Quality Control**

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

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

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

TNTC Too Numerous To Count

Eurofins Midland

Case Narrative

Client: CDH Consulting

Job ID: 880-34290-1

Project/Site: Westall Line

SDG: Loco Hills NM

Job ID: 880-34290-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-34290-1

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

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

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

Receipt

The samples were received on 10/11/2023 10:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.9°C Client called on 10/11/23 at 11:49 placed samples 1-3 on HOLD. only wanting to run sample 004

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SS01 (880-34290-1), SS02 (880-34290-2), SS03 (880-34290-3) and SS04 (880-34290-4).

GC VOA

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-64494 and analytical batch 880-64432 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-34290-A-4-B MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-64570 and 880-64570 and analytical batch 880-64697 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

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Client Sample Results

Client: CDH Consulting Job ID: 880-34290-1 Project/Site: Westall Line SDG: Loco Hills NM

Client Sample ID: SS04

Lab Sample ID: 880-34290-4

Matrix: Solid

Date Collected: 10/10/23 15:36 Date Received: 10/11/23 10:25 Sample Depth: .5 ft

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00198		mg/Kg		10/11/23 13:47	10/12/23 00:39	1
Ethylbenzene	ND	U F1	0.00198		mg/Kg		10/11/23 13:47	10/12/23 00:39	1
Toluene	ND	U F1	0.00198		mg/Kg		10/11/23 13:47	10/12/23 00:39	1
Xylenes, Total	ND	U	0.00396		mg/Kg		10/11/23 13:47	10/12/23 00:39	1
m-Xylene & p-Xylene	ND	U	0.00396		mg/Kg		10/11/23 13:47	10/12/23 00:39	1
o-Xylene	ND	U	0.00198		mg/Kg		10/11/23 13:47	10/12/23 00:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				10/11/23 13:47	10/12/23 00:39	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/11/23 13:47	10/12/23 00:39	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	ND	U	0.00396		mg/Kg	 _ -		10/12/23 00:39	1
Mathad: CMO4C 004E NM	Diagol Donne ((DDO) (CC)						

Method: 244046 0015 MM - Dies	sei Kange C	rganics (DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	ND	U	49.9		mg/Kg			10/12/23 10:56	1

Method: SW846 8015B NM - D	iesel Range	Organics	(DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND	U	49.9		mg/Kg		10/11/23 15:46	10/12/23 10:56	1
Diesel Range Organics (Over C10-C28)	ND	U	49.9		mg/Kg		10/11/23 15:46	10/12/23 10:56	1
Oll Range Organics (Over C28-C36)	ND	U	49.9		mg/Kg		10/11/23 15:46	10/12/23 10:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				10/11/23 15:46	10/12/23 10:56	1
o-Terphenyl	113		70 - 130				10/11/23 15:46	10/12/23 10:56	1

Wethou: EPA 300.0 - Anions, ic	on Chromatography -	Soluble					
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12200 F1	100	mg/Kg			10/13/23 15:56	20

Eurofins Midland

Surrogate Summary

Client: CDH Consulting
Project/Site: Westall Line
Job ID: 880-34290-1
SDG: Loco Hills NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

			Percent	Surrogate Recovery (Acceptance Limits)
		BFB1	DFBZ1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-34290-4	SS04	88	96	
880-34290-4 MS	SS04	111	98	
880-34290-4 MSD	SS04	122	142 S1+	
LCS 880-64494/1-A	Lab Control Sample	108	94	
LCSD 880-64494/2-A	Lab Control Sample Dup	104	100	
MB 880-64332/5-A	Method Blank	108	122	
MB 880-64494/5-A	Method Blank	118	129	

BFB = 4-Bromofluorobenzene (Surr) DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid Prep Type: Total/NA

<u> </u>	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)	
<u> </u>		(70-130)	(70.420)	
380-34290-4			(10-130)	
	SS04	104	113	
880-34290-4 MS	SS04	97	92	
880-34290-4 MSD	SS04	97	91	
LCS 880-64505/2-A l	Lab Control Sample	97	103	
LCSD 880-64505/3-A	Lab Control Sample Dup	84	90	
MB 880-64505/1-A	Method Blank	96	109	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

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Client: CDH Consulting

Job ID: 880-34290-1

Project/Site: Westall Line

SDG: Loco Hills NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-64332/5-A

Matrix: Solid

Analysis Batch: 64432

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 64332

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00200		mg/Kg		10/10/23 10:38	10/11/23 12:35	1
Ethylbenzene	ND	U	0.00200		mg/Kg		10/10/23 10:38	10/11/23 12:35	1
Toluene	ND	U	0.00200		mg/Kg		10/10/23 10:38	10/11/23 12:35	1
Xylenes, Total	ND	U	0.00400		mg/Kg		10/10/23 10:38	10/11/23 12:35	1
m-Xylene & p-Xylene	ND	U	0.00400		mg/Kg		10/10/23 10:38	10/11/23 12:35	1
o-Xylene	ND	U	0.00200		mg/Kg		10/10/23 10:38	10/11/23 12:35	1
	MP	MP							

MB MB

MD MD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	122		70 - 130

10/10/23 10:38 10/11/23 12:35 1

Analyzed

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

10/10/23 10:38 10/11/23 12:35

Prepared

Prep Batch: 64494

Matrix: Solid Analysis Batch: 64432

Lab Sample ID: MB 880-64494/5-A

Allalysis Batch. 04432

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	U	0.00200		mg/Kg		10/11/23 13:47	10/12/23 00:11	1
Ethylbenzene	ND	U	0.00200		mg/Kg		10/11/23 13:47	10/12/23 00:11	1
Toluene	ND	U	0.00200		mg/Kg		10/11/23 13:47	10/12/23 00:11	1
Xylenes, Total	ND	U	0.00400		mg/Kg		10/11/23 13:47	10/12/23 00:11	1
m-Xylene & p-Xylene	ND	U	0.00400		mg/Kg		10/11/23 13:47	10/12/23 00:11	1
o-Xylene	ND	U	0.00200		mg/Kg		10/11/23 13:47	10/12/23 00:11	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	10/11/23 13:47	10/12/23 00:11	1
1,4-Difluorobenzene (Surr)	129		70 - 130	10/11/23 13:47	10/12/23 00:11	1

Lab Sample ID: LCS 880-64494/1-A

Matrix: Solid

Analysis Batch: 64432

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

Client Sample ID: Lab Control Sample Dup

Prep Batch: 64494

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09030		mg/Kg	_	90	70 - 130	
Ethylbenzene	0.100	0.08307		mg/Kg		83	70 - 130	
Toluene	0.100	0.08593		mg/Kg		86	70 - 130	
m-Xylene & p-Xylene	0.200	0.1713		mg/Kg		86	70 - 130	
o-Xylene	0.100	0.08396		mg/Kg		84	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-64494/2-A

Matrix: Solid

Analyte Benzene

Analysis Batch: 64432

							Prep Ty	pe: Tot	:al/NA	
4432							Prep E	Batch: 6	64494	
	Spike	LCSD	LCSD				%Rec		RPD	
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
	0.100	0.09034		ma/Ka		90	70 - 130	0	35	

Eurofins Midland

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Dil Fac

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QC Sample Results

Client: CDH Consulting

Job ID: 880-34290-1

Project/Site: Westall Line

SDG: Loco Hills NM

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

Lab Sample ID: LCSD 880-64494/2-A

Matrix: Solid

Analysis Batch: 64432

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 64494

LCSD LCSD Spike %Rec **RPD** Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Ethylbenzene 0.100 0.08819 mg/Kg 88 70 - 130 6 35 Toluene 0.100 0.08974 mg/Kg 90 70 - 130 4 35 m-Xylene & p-Xylene 0.200 0.1943 mg/Kg 97 70 - 130 35 13 0.100 35 o-Xylene 0.09133 mg/Kg 91 70 - 130 8

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-34290-4 MS

Matrix: Solid

Analysis Batch: 64432

Client Sample ID: SS04
Prep Type: Total/NA

Prep Batch: 64494

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier D %Rec Limits Analyte Unit Benzene $\overline{\mathsf{ND}}$ $\overline{\mathsf{U}}$ 0.0998 0.08825 88 70 - 130 mg/Kg Ethylbenzene ND UF1 0.0998 0.08069 mg/Kg 81 70 - 130 Toluene ND UF1 0.0998 0.07919 mg/Kg 79 70 - 130 m-Xylene & p-Xylene ND U 0.200 90 0.1791 mg/Kg 70 - 130 o-Xylene ND U 0.0998 0.08455 mg/Kg 85 70 - 130

MS MS

Surrogate	%Recovery Qualifier	Limits
4-Bromofluorobenzene (Surr)	111	70 - 130
1,4-Difluorobenzene (Surr)	98	70 - 130

Lab Sample ID: 880-34290-4 MSD

Matrix: Solid

Analysis Batch: 64432

Client Sample ID: SS04 Prep Type: Total/NA

Prep Batch: 64494

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND	U	0.100	0.1203		mg/Kg		120	70 - 130	31	35
Ethylbenzene	ND	U F1	0.100	0.06805	F1	mg/Kg		68	70 - 130	17	35
Toluene	ND	U F1	0.100	0.05846	F1	mg/Kg		58	70 - 130	30	35
m-Xylene & p-Xylene	ND	U	0.201	0.2010		mg/Kg		100	70 - 130	12	35
o-Xylene	ND	U	0.100	0.09822		mg/Kg		98	70 - 130	15	35

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	142	S1+	70 - 130

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

Lab Sample ID: MB 880-64505/1-A

Matrix: Solid

Analysis Batch: 64518

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

Prep Batch: 64505

 Analyte
 Result
 Qualifier
 RL
 MDL mg/Kg
 Unit mg/Kg
 D mg/Kg
 Prepared mg/Kg
 Analyzed mg/Kg
 Dil Factorial mg/Kg

(GRO)-C6-C10

Eurofins Midland

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Client: CDH Consulting

Job ID: 880-34290-1

Project/Site: Westall Line

SDG: Loco Hills NM

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

%Recovery Qualifier

84

90

92

Lab Sample ID: MB 880-64505/1-A

Matrix: Solid

Analysis Batch: 64518

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 64505

,									
	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	ND	U	50.0		mg/Kg		10/11/23 15:46	10/12/23 08:09	1
Oll Range Organics (Over C28-C36)	ND	U	50.0		mg/Kg		10/11/23 15:46	10/12/23 08:09	1
	MB	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				10/11/23 15:46	10/12/23 08:09	1
o-Terphenyl	109		70 - 130				10/11/23 15:46	10/12/23 08:09	1

Lab Sample ID: LCS 880- Matrix: Solid Analysis Batch: 64518	64505/2-A		Outlier			Clier	ıt Saı	mple ID	Prep Batch: 64508
			Spike	_	LCS				%Rec
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics			1000	952.4		mg/Kg		95	70 - 130
(GRO)-C6-C10									
Diesel Range Organics (Over			1000	912.6		mg/Kg		91	70 - 130
C10-C28)									
	LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	97		70 - 130						
o-Terphenyl	103		70 - 130						

Lab Sample ID: LCSD 880-64505/3-A Matrix: Solid Analysis Batch: 64518			(Client Sa	mple	ID: Lak	Control Prep Ty Prep E	pe: Tot	•	
-	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	856.3		mg/Kg		86	70 - 130	11	20	
Diesel Range Organics (Over C10-C28)	1000	786.7		mg/Kg		79	70 - 130	15	20	
LCSD LCSD										

Limits

70 - 130

70 - 130

70 - 130

Lab Sample ID: 880-3429 Matrix: Solid Analysis Batch: 64518	0-4 MS							C		le ID: SS04 e: Total/NA itch: 64505
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	ND	U	994	1158		mg/Kg		113	70 - 130	
Diesel Range Organics (Over C10-C28)	ND	U	994	889.8		mg/Kg		87	70 - 130	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	97		70 - 130							

Eurofins Midland

Surrogate

o-Terphenyl

o-Terphenyl

1-Chlorooctane

Client: CDH Consulting Job ID: 880-34290-1 SDG: Loco Hills NM Project/Site: Westall Line

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

ND U

Lab Sample ID: 880-34290-4 MSD Client Sample ID: SS04

Matrix: Solid

Analysis Batch: 64518

Prep Type: Total/NA Prep Batch: 64505 %Rec **RPD**

10/13/23 14:30

Sample Sample Spike MSD MSD Result Qualifier Result Qualifier Added %Rec Limits RPD Limit Analyte Unit D ND U Gasoline Range Organics 994 1187 mg/Kg 116 70 - 130 2 20 (GRO)-C6-C10 Diesel Range Organics (Over ND U 994 893.7 87 mg/Kg 70 - 130n 20

C10-C28)

MSD MSD Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 97 91 70 - 130 o-Terphenyl

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-64570/1-A Client Sample ID: Method Blank **Prep Type: Soluble**

Matrix: Solid

Analyte

Chloride

Analysis Batch: 64697

MB MB **MDL** Unit Result Qualifier RL Prepared Analyzed Dil Fac

mg/Kg

Lab Sample ID: LCS 880-64570/2-A **Client Sample ID: Lab Control Sample Matrix: Solid Prep Type: Soluble**

5.00

Analysis Batch: 64697

Spike LCS LCS %Rec Analyte Added Result Qualifier Limits Unit D %Rec Chloride 250 231.1 92 90 - 110 mg/Kg

Lab Sample ID: LCSD 880-64570/3-A Client Sample ID: Lab Control Sample Dup **Prep Type: Soluble**

Matrix: Solid

Analysis Batch: 64697

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

Lab Sample ID: 880-34290-4 MS Client Sample ID: SS04

Matrix: Solid

Analysis Batch: 64697

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 16620 F1 mg/Kg 90 - 110 Chloride 12200 F1 4990 88

Lab Sample ID: 880-34290-4 MSD

Matrix: Solid

Analysis Batch: 64697

MSD MSD %Rec **RPD** Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit 4970 12200 F1 16500 F1 86 90 - 110 Chloride mg/Kg

Eurofins Midland

Prep Type: Soluble

Client Sample ID: SS04

Prep Type: Soluble

QC Association Summary

Client: CDH Consulting
Project/Site: Westall Line
Job ID: 880-34290-1
SDG: Loco Hills NM

GC VOA

Pron	Batch:	64333
	Dateii.	UTUUL

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-64332/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 64432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34290-4	SS04	Total/NA	Solid	8021B	64494
MB 880-64332/5-A	Method Blank	Total/NA	Solid	8021B	64332
MB 880-64494/5-A	Method Blank	Total/NA	Solid	8021B	64494
LCS 880-64494/1-A	Lab Control Sample	Total/NA	Solid	8021B	64494
LCSD 880-64494/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	64494
880-34290-4 MS	SS04	Total/NA	Solid	8021B	64494
880-34290-4 MSD	SS04	Total/NA	Solid	8021B	64494

Prep Batch: 64494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34290-4	SS04	Total/NA	Solid	5035	
MB 880-64494/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-64494/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-64494/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-34290-4 MS	SS04	Total/NA	Solid	5035	
880-34290-4 MSD	SS04	Total/NA	Solid	5035	

Analysis Batch: 64598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34290-4	SS04	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 64505

Lab Sample ID 880-34290-4	Client Sample ID SS04	Prep Type Total/NA	Matrix Solid	Method Prep	Batch
MB 880-64505/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-64505/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-64505/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-34290-4 MS	SS04	Total/NA	Solid	8015NM Prep	
880-34290-4 MSD	SS04	Total/NA	Solid	8015NM Prep	

Analysis Batch: 64518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34290-4	SS04	Total/NA	Solid	8015B NM	64505
MB 880-64505/1-A	Method Blank	Total/NA	Solid	8015B NM	64505
LCS 880-64505/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	64505
LCSD 880-64505/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	64505
880-34290-4 MS	SS04	Total/NA	Solid	8015B NM	64505
880-34290-4 MSD	SS04	Total/NA	Solid	8015B NM	64505

Analysis Batch: 64711

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Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34290-4	SS04	Total/NA	Solid	8015 NM	

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QC Association Summary

Job ID: 880-34290-1 Client: CDH Consulting Project/Site: Westall Line SDG: Loco Hills NM

HPLC/IC

Leach Batch: 64570

Lab Sample ID 880-34290-4	Client Sample ID SS04	Prep Type Soluble	Matrix Solid	Method DI Leach	Prep Batch
MB 880-64570/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-64570/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-64570/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-34290-4 MS	SS04	Soluble	Solid	DI Leach	
880-34290-4 MSD	SS04	Soluble	Solid	DI Leach	

Analysis Batch: 64697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34290-4	SS04	Soluble	Solid	300.0	64570
MB 880-64570/1-A	Method Blank	Soluble	Solid	300.0	64570
LCS 880-64570/2-A	Lab Control Sample	Soluble	Solid	300.0	64570
LCSD 880-64570/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	64570
880-34290-4 MS	SS04	Soluble	Solid	300.0	64570
880-34290-4 MSD	SS04	Soluble	Solid	300.0	64570

Eurofins Midland

Lab Chronicle

Client: CDH Consulting

Job ID: 880-34290-1

Project/Site: Westall Line

SDG: Loco Hills NM

Client Sample ID: 880-34290-4

Lab Sample ID: 880-34290-4

Date Collected: 10/10/23 15:36

Date Received: 10/11/23 10:25

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			5.05 g	5 mL	64494	10/11/23 13:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	64432	10/12/23 00:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			64598	10/12/23 00:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			64711	10/12/23 10:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	64505	10/11/23 15:46	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	64518	10/12/23 10:56	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	64570	10/12/23 14:16	AG	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	64697	10/13/23 15:56	CH	EET MID

Laboratory References:

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

Eurofins Midland

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Accreditation/Certification Summary

Client: CDH Consulting
Project/Site: Westall Line
Job ID: 880-34290-1
SDG: Loco Hills NM

Laboratory: Eurofins Midland

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

Authority	Progra	am	Identification Number	Expiration Date
Texas	NELA)	T104704400-23-26	06-30-24
The following analyte	a are included in this rene	rt but the laboratory is r	and portified by the governing outbor	ity. This list may include and
The following analytes	s are included in this repo	it, but the laboratory is i	not certified by the governing author	ity. This list may include ana
,	does not offer certification	,	lot certified by the governing author	ity. This list may include anal
,	•	,	Analyte	ity. Triis iist may include ana
for which the agency	does not offer certification		, , ,	ily. This list may include ana

Eurofins Midland

Method Summary

Client: CDH Consulting Project/Site: Westall Line Job ID: 880-34290-1 SDG: Loco Hills NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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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

Eurofins Midland

Sample Summary

Client: CDH Consulting Project/Site: Westall Line Job ID: 880-34290-1 SDG: Loco Hills NM

Lab Sample ID Depth Client Sample ID Matrix Collected Received 880-34290-4 Solid <u>10/10/23 15:36</u> <u>10/11/23 10:25</u> .5 ft SS04

880-34290 Chain of Custody

š

Chain of Custody

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

Environment Testing Xenco

s eurofins

	www.xenco.com Pageof
Project Manager Katherive Kahem Bill to (if different)	Work Order Comments
DH Consultra	Program. UST/PST PRP Brownfields RRC Superfund
Address. 946 Chomus St Address.	roject:
City, State ZIP Though, CO 80314 City, State ZIP	Reporting Level Level PST/UST TRRP Level V
Phone 307 219 9604 Email Kkahar 6) CDH Consult, con	
	JEST Preservative Codes
Project Number Routine Routine Code	None NO DI Water H.O
Project Location Loco Hils MM Due Date	
ler's Name Browson Theule	
the lab, if received by 4.30pm	H₂SO₄ H₂ NaOH Na
Temp Blank.	H ₃ PO ₄ HP
200	NaHSO 4 NABIS
res NO N/A X Lorrection Factor	Na ₂ S ₂ O ₃ NaSO ₃
Tes No W/A	Zn Acetate+NaOH Zn
Corrected Lemperature: 5.5	NaOH+Ascorbic Acid SAPC
Sample Identification Matrix Sampled Sampled Sampled Comp Cont Comp	Sample Comments
5507 Soil 14m/51 15.18 5 th Gat 1 1 1	
5604	
53.6.3	
2500	
8RCR	3 Mn Mo Ni K Se Ag SiO ₂ Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag TI U	Hg 1631/2451/7
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco, will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco, A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously nenotrated.	ms and conditions syond the control
Relinquished by (Signature) Received by (Signature) Date/Time Relinquished by (Signature)	ure) Received by (Signature) Date/Time
	(Simplified) (Simplified)

Login Sample Receipt Checklist

Client: CDH Consulting Job Number: 880-34290-1 SDG Number: Loco Hills NM

List Source: Eurofins Midland Login Number: 34290

List Number: 1

Creator: Rodriguez, Leticia

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

Report to:
Michael A. Wicker







5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

CDH Consulting

Project Name: Westall Line Release

Work Order: E404218

Job Number: 24034-0001

Received: 4/22/2024

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 5/2/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/2/24

Michael A. Wicker 9446 Clermont Street Thornton, CO 80229

Project Name: Westall Line Release

Workorder: E404218

Date Received: 4/22/2024 11:00:00AM

Michael A. Wicker,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/22/2024 11:00:00AM, under the Project Name: Westall Line Release.

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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Lynn Jarboe

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Michelle Golzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS01@0.5	5
SS02@0.5	6
SS03@0.5	7
SS03@2.0	8
SS04@2.0	9
SS05@0.5	10
SS05@2.0	11
BG01@0.5	12
BG01@2.0	13
QC Summary Data	14
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

CDH Consulting	Project Name:	Westall Line Release	Reported:
9446 Clermont Street	Project Number:	24034-0001	Keporteu.
Thornton CO, 80229	Project Manager:	Michael A. Wicker	05/02/24 10:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01@0.5	E404218-01A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS01@2.0	E404218-02A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS01@4.0	E404218-03A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS02@0.5	E404218-04A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS02@2.0	E404218-05A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS02@4.0	E404218-06A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS03@0.5	E404218-07A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS03@2.0	E404218-08A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS03@4.0	E404218-09A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS04@2.0	E404218-10A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS04@4.0	E404218-11A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS05@0.5	E404218-12A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS05@2.0	E404218-13A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
SS05@4.0	E404218-14A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
BG01@0.5	E404218-15A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
BG01@2.0	E404218-16A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.
BG01@4.0	E404218-17A	Soil	04/18/24	04/22/24	Glass Jar, 2 oz.



CDH Consulting	Project Name:	Westall Line Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	5/2/2024 10:58:08AM

SS01@0.5

E404218-01

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	JM		Batch: 2417023	
Chloride	489	20.0	1	04/22/24	04/23/24		

CDH Consulting	Project Name:	Westall Line Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	5/2/2024 10:58:08AM

SS02@0.5

E40421	8-04
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	JM		Batch: 2417023	



CDH Consulting	Project Name:	Westall Line Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	5/2/2024 10:58:08AM

SS03@0.5

E404218	8-07
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	JM		Batch: 2417023	



CDH Consulting	Project Name:	Westall Line Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	5/2/2024 10:58:08AM

SS03@2.0

E404218-08

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2417023	



CDH Consulting	Project Name:	Westall Line Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	5/2/2024 10:58:08AM

SS04@2.0

E404218-10

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	JM		Batch: 2417023	



CDH Consulting	Project Name:	Westall Line Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	5/2/2024 10:58:08AM

SS05@0.5

E40421	8-12
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	JM		Batch: 2417023	_



CDH Consulting	Project Name:	Westall Line Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	5/2/2024 10:58:08AM

SS05@2.0

E404218-13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2417023



CDH Consulting	Project Name:	Westall Line Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	5/2/2024 10:58:08AM

BG01@0.5

E404218-15

	Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: JM		Batch: 2417023	



CDH Consulting	Project Name:	Westall Line Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	5/2/2024 10:58:08AM

BG01@2.0

E404218-16

	Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2417023	



Chloride

Chloride

Chloride

Matrix Spike (2417023-MS1)

Matrix Spike Dup (2417023-MSD1)

250

265

266

QC Summary Data

CDH Consulting 9446 Clermont Street Thornton CO, 80229		Project Name: Project Number: Project Manager	24	estall Line Re 1034-0001 ichael A. Wic			Reported: 5/2/2024 10:58:08AM		
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: JM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2417023-BLK1)						F	Prepared: 0	4/22/24 <i>A</i>	Analyzed: 04/22/24
Chloride	ND	20.0							
LCS (2417023-BS1)						F	Prepared: 0	4/22/24 A	Analyzed: 04/22/24

250

250

250

20.0

20.0

20.0

90-110

80-120

80-120

0.378

Prepared: 04/22/24 Analyzed: 04/23/24

Prepared: 04/22/24 Analyzed: 04/23/24

20

100

106

107

Source: E404218-04

Source: E404218-04

ND

QC Summary Report Comment:

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



Definitions and Notes

ſ	CDH Consulting	Project Name:	Westall Line Release	
l	9446 Clermont Street	Project Number:	24034-0001	Reported:
١	Thornton CO, 80229	Project Manager:	Michael A. Wicker	05/02/24 10:58

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client Client; CDH Consultin Project Name: Westa Project Manager: Mi Address: City, State, Zip: Phone: (616) 970-84 Email: mwicker@CD	all Line R ichael A.	Release		Com	Invoice Informa	tion		15.												
Project Name: Westa Project Manager: Mi Address: City, State, Zip: Phone: (616) 970-84	all Line R ichael A.			Com						La	b Us	e On	ly				`AT		State	
Project Name: Westa Project Manager: Mi Address: City, State, Zip: Phone: (616) 970-84	all Line R ichael A.				pany: CDH Consulting			La	b W	O#,	.~	l dol	Num	ber	10) 2D	3D S	td	NM CO UT TX	
Project Manager: Mi Address: City, State, Zip: Phone: (616) 970-84	ichael A.			Addr	Address:				404218 x x x								X			
Address: City, State, Zip; Phone: (616) 970-84	59_			City	, State, Zip:															
ity, State, Zip; hone: (616) 970-84				Phor	ne:	_						Anal	ysis a	and N	letho	d			EPA Program	
hone: (616) 970-84				Ema	ail: dslavens@cdhconsu	lt.com					1 1		- 1		- 1		1 1	S	DWA CWA RCRA	
				Mis	cellaneous:							ı	- 1				1 1			
	Hconsul	t.com		1 1					<u></u>	2 2			1		-	1	1 1	Co	ompliance Y or N	
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		-,	Sample	Information	on				- [출	<u>a</u>	802	28	凝	₹	5.T		1 1			
Time Date Sampled	Matrix	No. of Containers			Sample ID		Filtere	Lab Numb	er DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	CEQ 1005 - TX				Remarks	
4/18/2024	Soil	1			SS01@0.5			1					X							
125 4/18/2024	Soil	1			SS01@2.0			2						\perp	\perp				Hold	
138	Soil	1			SS01@4.0			CN						\perp	\perp	_			Hold	
030 4/18/2024	Soil	1			SS02@0.5			U	}				X	_	\perp	_				,
o4/18/2024	Soil	1			SS02@2.0			9	<u>`</u>						_		$\downarrow \downarrow$	_	Hold	
055 4/18/2024	Soil	1			SS02@4.0			U	<u>!</u>		-			_	+	-	$\downarrow \downarrow$		Hotd	
4/18/2024	Soil	1			SS03@0.5					_	<u> </u>		X		4	4		4		
4/18/2024	Soil	1			SS03@2.0			9			igspace				_	_	\sqcup	_	Hold	
4/18/2024	Soil	1			SS03@4.0			9	_	_	_						$\perp \perp$	_	Hold	
1440 4/18/2024	Soil	1			SS04@2.0			10					Х							
Additional Instruction					ter@cdh ons						100		f ar!!-	atla - !-	oon side	rod fr	ud and -	an bo c	rounds for legal action	
ampled by: Travis Short					re that tampering with or intention	т	Data		Ti-			unie 0							st be received on ice the day they	
delinquished by: (Signatu		Date 4/		700	Received by: (signature) Michielle Gon	zaleg		192	4 "	<u>ري</u>	00			are sam	pled or	received	packed in	ice at an	avg temp above 0 but less than 6 oC	_
Alinquished M: (Signatu	mzal		924]	700	Received by: (Signature)		Date 4	.19.	<u>и "</u>	<u> </u>	<u> </u>		S. C.	Rece	ived o	on ice	•	Use N	Uniy	
Relinguished by: (Signatu			19.74 7	400	Received by: (Signature)		Ц	22/2	4		<u>0x</u>			T1			<u>T2</u>		T3	
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Sample Matrix: S - Soil, Sd -	Solid, Sg - S	iludge, A - A	queous, O - Oth	er	ther arrangements are made		Con	tainer	Type:	g - gla	ss, p -	poly	/plas	tic, ag	<u>- aml</u>	<u>er gla</u>	ss. v - \	OAL	and for the contract of the	4

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	Clier	t Inform	ation				Invoi	e Informat	tion				L	ab Us	e On	ıly				TAT		State	
Client: 0	DH Consulti	ng				Compa	ny: CDH	Consulting			L	ab W	O#	_	Job	Num	ber		1D 2	D 3D	Std	NM CO UT TX	
Project	Name: West	all Line	Release			Address	i:					<u> 40</u>	<u>42</u>	18							Х	X	<u> </u>
	Manager: N					City, St	ate, Zip:				_	٠,										<u> </u>	
Address						<u>Phone:</u>						╙			Ana	lysis	and	Meti	rod			EPA Program	
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	(616) 970-8					Miscel	laneous:				ĺ							- 1					
<u>Email:</u>	nwicker@Cl	Hconsu	lt.com									1 5	12	1						-	1	Compliance Y or	N
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Time Sampled	Date Sampled	Matrix	No. of Containers			San	nple ID			Filter	Lab Numb	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			nemans	
1450	4/18/2024	Soil	1			SS0	4@4.0															Hold	
1320	4/18/2024	Soil	1			SS0	5@0.5 X	80			12	2				х							
1340	4/18/2024	Soil	1			SS0	5@2.0 🗶	80			13	5										Hold	_
1850	4/18/2024	Soil	1			SSO	5@4.0 火	80			14	ł										Hold	
6945	4/18/2024	Soil	1			BGC	1@0.5				k	5				х							
1002	4/18/2024	Soil	1			BGC	1@2.0				10											Hold	
1018	4/18/2024	Soil	1			BGC	1@4.0				Ţ.	_	\top									Hold	
1019											1	1	\dagger	\perp					\dashv				
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		ne validity a	and authenti	city of this sa	imple. I am	aware tha	st tampering v	vitn or intentior	naily misla	gniloai	tne sai	npie loc	atton,	oate or	ame c	or coile	ection i	is cons	wered 1	raud and	тау б	e grounds for legal action.	
	y: Travis Short hed by: (Signat	ure)	Date		Time]20	ceived by	ignature)		Date		Tir	ne		Τ							must be received on ice the day t	
		,			0 7 00	(VV	whelle	ignature)	rles	4.	19.2	$\{\mid i$	270	D				mpled o		ed packed	in ice at	an avg temp above 0 but less tha	16 oC
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Sample M	atrix: S - Soil, Sd -	Solid, Sg - S	Sludge. A - A	queous. O - (Other					Cont	ainer	Type:	g - gl:	iss. D	- polv	/plas	tic. a	g - an	nber g	lass. v	VOA		
Mater Co.	nnles are disca	rded 14 da	vs after res	ults are rec	orted unle	ess other	arrangemen	ts are made.	Hazardo	us san	noles v	vill be r	eturn	ed to c	lient c	or dist	oosed	of at	the clie	nt expe	nse. T	he report for the analysis o	f the

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Chain of Custody

Page	1	of	2
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	Clier	t Inform	ation			Invoice Information	1		[!		Lal	b Us	e On	ly	TAT State							
Client: Cl	DH Consulti	Decade Distriction			Com	pany: CDH Consulting	1715		Lab	WO	ŧ.		Job I	Num	ber	700	1D	2D	3D St	td	NM CO UT TX	
	lame: West		Release		Addr				EL	101	12	8	2	40	34.	00	10		X		X	
	Manager: N				City,	State, Zip:			_1									No.				
Address:					Phor	ne:			1				Anal	ysis	and f	Vlet	hod				EPA Program	
City. Stat						ail:_dslavens@cdhconsult.co	om		-1											15	DWA CWA RCRA	
A CONTRACTOR OF THE PARTY OF TH	(616) 970-8	OTHER DESIGNATION OF THE PARTY			Mis	cellaneous:					EX											
Email: n	wicker@Cl	DHconsu	lt.com_						1	015	015		500								ompliance Y or N WSID#	
			TOTAL CONTRACT		1-1-6				-	by 8	by 8015	120	9	000	2	×	etals			F	VV3IU #	
			_	Samp	ele Information	on	1 9	1	Lab	8	DRO	by 8(y 82	de 3	5	1005	8 3				Remarks	
Time Sampled	Date Sampled	Matrix	No. of Container			Sample ID	Filter	Nu	iniber	DRO/ORO by 8015	GRO/DRO	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Hemano	
1115	4/18/2024	Soil	1			5501@0.5			1					X								
1125	4/18/2024	Soil	1			5501@2.0			2												Hold	
1138	4/18/2024	Soil	1			SS01@4.0			3												Hold	
1030	4/18/2024	Soil	1			5502@0.5			4					X								
1045	4/18/2024	Soil	1			SS02@2.0			5												Hold	
1055	4/18/2024	Soil	1			SS02@4.0			6												Hold	4 1 2
2041	4/18/2024	Soil	1			SS03@0.5			7					X				Bu				
1415	4/18/2024	Soil	1			SS03@2.0			8					X							hold per M.	wicker
1425	4/18/2024	Soil	1			SS03@4.0			9												Hold 511/2	1 PAJ
1440	4/18/2024	Soil	1			SS04@2.0			10					x								
Addition	nal Instructi	ons:	Pleas	ea	· Muice	ker@cd4 consul	1 Bug	. c	am													
1, (field sam	pler), attest to	the validity	and authe	nticity of this s	ample. I am awar	e that tampering with or intentionally	mislabel	ing th	e sampl	e locat	tion, d	ate or	time o	of colle	ection is	con	sidere	d frau	and ma	ay be p	grounds for legal action.	
The State of the S	: Travis Short						T-			1-		JAN.		4	les :		ulek		profess	tion -	ust be received on ice the day they	
Relinquish	ned by: (Signat	ure)		1/19	0 700	Michelle Gonza	leg i	149 149	24	Time	70	0			are san	npled	or rece	lved p	cked in k	ce at a	n avg temp above 0 but less than 6 oC	
Minquis	ed by: (Signat	orgal	A Da	H924	Time 1700	Received by: (Signature)	Da (9.71	Time	80				n subsequent days. Lab Use Only Received on ice: Y/ N							
Relinquist	ned by Signat	ture)	Di	1-19-74	Time U00	Received by: (Signature)	Ü	6	124	Time	10	0			T1 T2 T3							
Relinquish	ned by: (Signat	ture)		ite	Time	Received by: (Signature)	Da	te		Time	,	_			AVG Temp oC 4							
Sample Ma	trix: S - Soil, Sd	- Solid. Sg -	Sludge, A	- Aqueous, O -	Other_		C	ntair	ner Tv	pe: g	- glas	s, p	poly	/plas	tic. ar	z - a	mber	glas	s, v - V	OA		
Note: San	noles are disca	rded 14 da	avs after	results are re	ported unless of	ther arrangements are made. Haza	ardous s	ampl	es will	be ret	turne	d to c	lient o	or dis	posed	of at	the c	lient	expense	e. The	report for the analysis of the	
above sar	nples is applic	able only t	those s	amples recei	ved by the labor	ratory with this COC. The liability of	of the la	borat	ory is I	imited	to th	ne am	ount	paid f	or on t	the r	eport				STATE OF THE PARTY	

	Clier	nt Inform	nation			Invoice Informa	ation				L	ab U	se Or	ily				TAT				Stat	e		
Client: C	DH Consulti	ng			Com	pany: CDH Consulting	g		L	ab Wo)#		Job	Num	ber		1D	2D 3	D Sto	i	NM	COUT	TX		
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City, Stat	THE RESERVE OF THE PARTY OF THE				Ema	il: dslavens@cdhcons	ult.com						lab.							SD	WA	CWA	RCRA		
Phone:	(616) 970-8	459			Mis	cellaneous:									3.7								93/49		
Email: n	wicker@CI	OHconsu	lt.com							12	1 2										plian	e Y	or N		
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Filtere	Lab Numb	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 802.	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remark			
1450	4/18/2024	Soil	1			5504@4.0																Hold			
1320	4/18/2024	Soil	1			SS05@0.5 × 80			12	2				x											
1340	4/18/2024	Soil	1			SS05@2.0 x 80			13					X								Hold	- ren	nove	1 20
1350	4/18/2024	Soil	1			5505@4.0 × 80			12	t				7							٠, .	Hold #	. &	on	
6945	4/18/2024	Soil	1		E	3G01@0.5			15	5				X						11	71.72		h	old	
1002	4/18/2024	Soil	1		E	3G01@2.0			10	0				X								Hold	W'N	icke	N
1018	4/18/2024	Soil	1		E	BG01@4.0			1=	7												Hold	5	1124	KAN
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	al Instructi	P	leasc	cc'	MWILLE	eracdheonsu	1+.00	14																	,
		he validity	and authen	ticity of this s	ample. I am awar	e that tampering with or intent	ionally misla	belin	g the san	nple loc	ation,	date o	r time o	of colle	ection is	cons	idered	fraud a	and may	be grou	ınds for	legal acti	on.		
AND DESCRIPTION OF THE PERSON	: Travis Short		Date		Time	Baselyad by (Cinaster)	A Dept.	Data		Tin	10		_		Sample	s rea	ulring ti	nermal n	reservation	n must l	be receiv	ed on Ice t	ne day they	C Carrie	
tu	ed by: (Signat			119	0700	Michielle Gon	gales	4	192		70	0			are sar	npled	or rece nt days	ived pack	ked in ice	at an av	g temp a	bove 0 but	less than 6 o	С	
Ma	ed by: (Signat	ongal	les H	-19-24	Time 1700	Received by: (Signature)		Date	.19:	u Tin		0			Received on ice: XY N										
Relinquist	ed by: (Signat	ure)	Date	19.24	1400	Received by: (Signature)		Date H	22/2	41	10	0			<u> </u>										
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Sample Ma	trix: S - Soil, Sd -	- Solid, Sg -	Sludge, A -	Aqueous, O -	Other			Cor	tainer'	Type:	z - gla	ss, p	- poly	/plas	tic, a	- al	mber	glass.	v - VO	A		- 41	shade of th		
Note: San	ples are disca	rded 14 da	ays after re	sults are re	ported unless of	her arrangements are made	e. Hazardo	us sa	mples w	vill be r	eturn	ed to	client	or disposal	or on	of at	the c	iient ex	cpense.	ine re	port fo	r the an	alysis of th	ie	

Printed: 4/22/2024 11:11:41AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Phone: (616) 970-8459 Date Logged Email: mwicker@CDHconsult.com Due Date: Chain of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present?	04/26/24 Yes Yes Yes	16:33 17:00 (4 day TAT) Carrier: <u>C</u>		Logged In By:	Alexa Michaels
Chain of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken?	Yes Yes Yes Yes Yes Yes		<u>Courier</u>	Comments	
 Does the sample ID match the COC? Does the number of samples per sampling site location match the COC Were samples dropped off by client or carrier? Was the COC complete, i.e., signatures, dates/times, requested analyses? Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler Was a sample cooler received? If yes, was cooler received in good condition? Was the sample(s) received intact, i.e., not broken? 	Yes Yes Yes Yes Yes	Carrier: <u>C</u>	<u>Courier</u>	Comments	
 Does the sample ID match the COC? Does the number of samples per sampling site location match the COC Were samples dropped off by client or carrier? Was the COC complete, i.e., signatures, dates/times, requested analyses? Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler Was a sample cooler received? If yes, was cooler received in good condition? Was the sample(s) received intact, i.e., not broken? 	Yes Yes Yes Yes Yes	Carrier: <u>C</u>	Courier	Comments	
 Does the number of samples per sampling site location match the COC Were samples dropped off by client or carrier? Was the COC complete, i.e., signatures, dates/times, requested analyses? Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler Was a sample cooler received? If yes, was cooler received in good condition? Was the sample(s) received intact, i.e., not broken? 	Yes Yes Yes Yes Yes	Carrier: <u>C</u>	Courier	Comments	
 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 	Yes Yes Yes Yes	Carrier: <u>C</u>	Courier	Comments	
 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken? 	Yes Yes Yes	Carrier. <u>C</u>	Courier	Comments	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken?	Yes			Comments	
Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken?	Yes			Comments	
6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken?					s/Resolution
Sample Cooler 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample(s) received intact, i.e., not broken?			See COC R	emarks for s	amples on hold per
7. Was a sample cooler received?8. If yes, was cooler received in good condition?9. Was the sample(s) received intact, i.e., not broken?	Yes			ciliarks for s	amples on note per
8. If yes, was cooler received in good condition?9. Was the sample(s) received intact, i.e., not broken?	Yes		client.		
9. Was the sample(s) received intact, i.e., not broken?					
	Yes				
10. Were custody/security seals present?	Yes				
	No				
11. If yes, were custody/security seals intact?	NA				
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature:					
Sample Container					
14. Are aqueous VOC samples present?	No				
15. Are VOC samples collected in VOA Vials?	NA				
16. Is the head space less than 6-8 mm (pea sized or less)?	NA				
17. Was a trip blank (TB) included for VOC analyses?	NA				
18. Are non-VOC samples collected in the correct containers?	Yes				
19. Is the appropriate volume/weight or number of sample containers collected?					
Field Label					
20. Were field sample labels filled out with the minimum information:					
Sample ID?	Yes				
Date/Time Collected?	Yes				
Collectors name?	Yes				
Sample Preservation					
21. Does the COC or field labels indicate the samples were preserved?	No				
22. Are sample(s) correctly preserved?	NA				
24. Is lab filteration required and/or requested for dissolved metals?	No				
Multiphase Sample Matrix					
26. Does the sample have more than one phase, i.e., multiphase?	No				
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA				
Subcontract Laboratory					
28. Are samples required to get sent to a subcontract laboratory?	No				
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab	o: NA		
Client Instruction					

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

Printed: 4/22/2024 11:11:41AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any MO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

04/26/24 17:00 (4 day TAT) Due Date: mwicker@CDHconsult.com Email: Phone: Alexa Michaels Logged In By: Date Logged In: 6548-076 (818) 04/16/54 16:33 Client: E404518 Work Order ID: 04/22/24 11:00 Date Received: CDH Consulting

Multiphase Sample Matrix 24. Is lab filteration required and/or requested for dissolved metals? ON 22. Are sample(s) correctly preserved? YN 21. Does the COC or field labels indicate the samples were preserved? ON Sample Preservation Yes Collectors name? Xes Date/Time Collected? Sample ID? Xes 20. Were field sample labels filled out with the minimum information: Field Label 19. Is the appropriate volume/weight or number of sample containers collected? Yes 18. Are non-VOC samples collected in the correct containers? Yes 17. Was a trip blank (TB) included for VOC analyses? W 16. Is the head space less than 6-8 mm (pea sized or less)? VN 15. Are VOC samples collected in VOA Vials? AN 14. Are aqueous VOC samples present? ON Sample Container 13. If no visible ice, record the temperature. Actual sample temperature: 4°C minutes of sampling Note: Thermal preservation is not required, if samples are received w/i 15 Yes 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C VN 11. If yes, were custody/security seals intact? ON 10. Were custody/security seals present? Yes 9. Was the sample(s) received intact, i.e., not broken? Yes 8. If yes, was cooler received in good condition? 7. Was a sample cooler received? Yes Sample Cooler client. 6. Did the COC indicate standard TAT, or Expedited TAT? See COC Remarks for samples on hold per Yes Sample Turn Around Time (TAT) i.e, 15 minute hold time, are not included in this disucssion. Comments/Resolution Note: Analysis, such as pH which should be conducted in the field, 5. Were all samples received within holding time? Yes 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes Carrier: Courier 3. Were samples dropped off by client or carrier? Yes Yes 2. Does the number of samples per sampling site location match the COC I. Does the sample ID match the COC? Yes Chain of Custody (COC)

Please disregard "x80" in sample ID for \$505@0.5, \$505@2.0, and \$505@4.0

4/23/2024 envirotech Inc.

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

28. Are samples required to get sent to a subcontract laboratory?
29. Was a subcontract laboratory specified by the client and if so who?

27. If yes, does the COC specify which phase(s) is to be analyzed?

26. Does the sample have more than one phase, i.e., multiphase?

Page 1 of 1

W

ON

Subcontract Lab: NA

Client Instruction

Subcontract Laboratory

Report to:
Michael A. Wicker







5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

CDH Consulting

Project Name: Westall Flowline Release

Work Order: E409033

Job Number: 24034-0001

Received: 9/6/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 9/12/24

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/12/24

Michael A. Wicker 9446 Clermont Street Thornton, CO 80229

Project Name: Westall Flowline Release

Workorder: E409033

Date Received: 9/6/2024 8:00:00AM

Michael A. Wicker,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/6/2024 8:00:00AM, under the Project Name: Westall Flowline Release.

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

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

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rainaschwanz@envirotech-inc.com

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Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS06 @ 0.5	5
SS06 @ 4.0	6
SS07 @ 0.5	7
SS07 @ 4.0	8
SS08 @ 1.0	9
SS08 @ 4.0	10
QC Summary Data	11
QC - Volatile Organics by EPA 8021B	11
QC - Nonhalogenated Organics by EPA 8015D - GRO	12
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	13
QC - Anions by EPA 300.0/9056A	14
Definitions and Notes	15
Chain of Custody etc.	16

Sample Summary

CDH Consulting	Project Name:	Westall Flowline Release	Donoutoda
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	09/12/24 11:04

Client Sample ID	Lab Sample ID Ma	atrix Sampled	Received	Container
SS06 @ 0.5	E409033-01A S	oil 09/05/24	09/06/24	Glass Jar, 2 oz.
SS06 @ 4.0	E409033-02A S	oil 09/05/24	09/06/24	Glass Jar, 2 oz.
SS07 @ 0.5	E409033-03A S	oil 09/05/24	09/06/24	Glass Jar, 2 oz.
SS07 @ 4.0	E409033-04A S	oil 09/05/24	09/06/24	Glass Jar, 2 oz.
SS08 @ 1.0	E409033-05A S	oil 09/05/24	09/06/24	Glass Jar, 2 oz.
SS08 @ 4.0	E409033-06A S	oil 09/05/24	09/06/24	Glass Jar, 2 oz.



CDH Consulting	Project Name:	Westall Flowline Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	9/12/2024 11:04:00AM

SS06 @ 0.5 E409033-01

		E409033-01				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436071
Benzene	ND	0.0250	1	09/06/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/06/24	09/10/24	
Toluene	ND	0.0250	1	09/06/24	09/10/24	
o-Xylene	ND	0.0250	1	09/06/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/06/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/06/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2436071
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: AF		Batch: 2436073
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/24	09/07/24	
Surrogate: n-Nonane		84.8 %	50-200	09/06/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2436063
Chloride	695	20.0	1	09/06/24	09/07/24	



CDH Consulting	Project Name:	Westall Flowline Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	9/12/2024 11:04:00AM

SS06 @ 4.0 E409033-02

		E409033-02				
Analyta	Result	Reporting Limit	Dilution	Dronoro d	Analyzed	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2436071
Benzene	ND	0.0250	1	09/06/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/06/24	09/10/24	
Toluene	ND	0.0250	1	09/06/24	09/10/24	
o-Xylene	ND	0.0250	1	09/06/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/06/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/06/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2436071
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2436073
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/24	09/07/24	
Surrogate: n-Nonane		76.9 %	50-200	09/06/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2436063
Chloride	147	20.0	1	09/06/24	09/07/24	



CDH Consulting	Project Name:	Westall Flowline Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	9/12/2024 11:04:00AM

SS07 @ 0.5 E409033-03

		E409033-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Lillit	Dilution	Trepared	Anaryzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2436071
Benzene	ND	0.0250	1	09/06/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/06/24	09/10/24	
Toluene	ND	0.0250	1	09/06/24	09/10/24	
o-Xylene	ND	0.0250	1	09/06/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/06/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/06/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2436071
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: AF		Batch: 2436073
Diesel Range Organics (C10-C28)	1020	500	20	09/06/24	09/07/24	
Oil Range Organics (C28-C36)	1050	1000	20	09/06/24	09/07/24	
Surrogate: n-Nonane		93.7 %	50-200	09/06/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: IY		Batch: 2436063
Chloride	3050	40.0	2	09/06/24	09/07/24	



CDH Consulting	Project Name:	Westall Flowline Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	9/12/2024 11:04:00AM

SS07 @ 4.0 F409033-04

		E409033-04				
		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2436071
Benzene	ND	0.0250	1	09/06/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/06/24	09/10/24	
Toluene	ND	0.0250	1	09/06/24	09/10/24	
o-Xylene	ND	0.0250	1	09/06/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/06/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/06/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2436071
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: AF		Batch: 2436073
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/24	09/07/24	
Surrogate: n-Nonane		77.6 %	50-200	09/06/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2436063
Chloride	176	20.0	1	09/06/24	09/07/24	



CDH Consulting	Project Name:	Westall Flowline Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	9/12/2024 11:04:00AM

SS08 @ 1.0 E409033-05

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: BA		Batch: 2436071
ND	0.0250	1	09/06/24	09/10/24	
ND	0.0250	1	09/06/24	09/10/24	
ND	0.0250	1	09/06/24	09/10/24	
ND	0.0250	1	09/06/24	09/10/24	
ND	0.0500	1	09/06/24	09/10/24	
ND	0.0250	1	09/06/24	09/10/24	
	98.4 %	70-130	09/06/24	09/10/24	
mg/kg	mg/kg	Analy	st: BA		Batch: 2436071
ND	20.0	1	09/06/24	09/10/24	
	94.1 %	70-130	09/06/24	09/10/24	
mg/kg	mg/kg	Analy	st: AF		Batch: 2436073
531	250	10	09/06/24	09/07/24	
ND	500	10	09/06/24	09/07/24	
	81.3 %	50-200	09/06/24	09/07/24	
mg/kg	mg/kg	Analy	st: IY		Batch: 2436063
75.5	20.0	1	09/06/24	09/07/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg 531 ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 94.1 % mg/kg mg/kg mg/kg 531 250 ND 500 81.3 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 98.4 % 70-130 mg/kg mg/kg Analy ND 20.0 1 94.1 % 70-130 1 mg/kg mg/kg Analy 531 250 10 ND 500 10 81.3 % 50-200 mg/kg Mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 09/06/24 ND 0.0250 1 09/06/24 ND 0.0250 1 09/06/24 ND 0.0250 1 09/06/24 ND 0.0500 1 09/06/24 ND 0.0250 1 09/06/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/06/24 mg/kg mg/kg Analyst: AF 531 250 10 09/06/24 ND 500 10 09/06/24 ND 500 10 09/06/24 81.3 % 50-200 09/06/24 mg/kg mg/kg Analyst: IY	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 09/06/24 09/10/24 ND 0.0250 1 09/06/24 09/10/24 ND 0.0250 1 09/06/24 09/10/24 ND 0.0500 1 09/06/24 09/10/24 ND 0.0250 1 09/06/24 09/10/24 ND 0.0250 1 09/06/24 09/10/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/06/24 09/10/24 mg/kg mg/kg Analyst: BA ND 20.0 1 09/06/24 09/10/24 mg/kg mg/kg Analyst: AF 531 250 10 09/06/24 09/07/24 ND 500 10 09/06/24 09/07/24 81.3 % 50-200 09/06/24 09/07/24 mg/kg mg/kg Analy



CDH Consulting	Project Name:	Westall Flowline Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	9/12/2024 11:04:00AM

SS08 @ 4.0 E409033-06

		E409033-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2436071
Benzene	ND	0.0250	1	09/06/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/06/24	09/10/24	
Toluene	ND	0.0250	1	09/06/24	09/10/24	
o-Xylene	ND	0.0250	1	09/06/24	09/10/24	
o,m-Xylene	ND	0.0500	1	09/06/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/06/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		97.9 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2436071
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: AF		Batch: 2436073
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/24	09/07/24	
Surrogate: n-Nonane		74.3 %	50-200	09/06/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2436063
Chloride	543	20.0	1	09/06/24	09/07/24	



QC Summary Data

Westall Flowline Release **CDH** Consulting Project Name: Reported: 9446 Clermont Street Project Number: 24034-0001 Thornton CO, 80229 Project Manager: Michael A. Wicker 9/12/2024 11:04:00AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2436071-BLK1) Prepared: 09/06/24 Analyzed: 09/10/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.79 8.00 97.3 70-130 LCS (2436071-BS1) Prepared: 09/06/24 Analyzed: 09/10/24 4.30 86.0 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.63 0.0250 5.00 92.6 70-130 4.57 0.0250 5.00 91.4 70-130 Toluene o-Xylene 4.67 0.0250 5.00 93.4 70-130 9.44 10.0 94.4 70-130 0.0500 p.m-Xvlene 94.1 14.1 15.0 70-130 Total Xylenes 0.0250 8.00 98.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.84 Matrix Spike (2436071-MS1) Source: E409033-05 Prepared: 09/06/24 Analyzed: 09/10/24 4.65 0.0250 5.00 ND 54-133 Benzene ND 99.2 61-133 Ethylbenzene 4.96 0.0250 5.00 Toluene 4.93 0.0250 5.00 ND 98.5 61-130 4.98 ND 99.5 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 ND 101 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.89 8.00 Matrix Spike Dup (2436071-MSD1) Source: E409033-05 Prepared: 09/06/24 Analyzed: 09/10/24

4.70

5.04

4 98

5.06

10.2

15.3

7.95

0.0250

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ND

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ND

ND

94.0

101

99.6

101

102

102

99.4

54-133

61-133

61-130

63-131

63-131

63-131

70-130

1.05

1.54

1.08

1.55

1.27

1.36

20

20

20

20

20



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

CDH Consulting	Project Name:	Westall Flowline Release	Reported:
9446 Clermont Street	Project Number:	24034-0001	•
Thornton CO, 80229	Project Manager:	Michael A. Wicker	9/12/2024 11:04:00AM

Thornton CO, 80229		Project Manage	r: M	chael A. Wic	ker			9/1	2/2024 11:04:00AM
Nonhalogenated Organics by EPA 8015D - GRO Analyst: BA									
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2436071-BLK1)							Prepared: 0	9/06/24 Anal	yzed: 09/10/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			
LCS (2436071-BS2)							Prepared: 0	9/06/24 Anal	yzed: 09/10/24
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
Matrix Spike (2436071-MS2)				Source:	E409033-	05	Prepared: 0	9/06/24 Anal	yzed: 09/10/24
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			
Matrix Spike Dup (2436071-MSD2)				Source:	E409033-	05	Prepared: 0	9/06/24 Anal	yzed: 09/10/24
Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	88.1	70-130	3.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.3	70-130			



QC Summary Data

CDH Consulting	Project Name:	Westall Flowline Release	Reported:
9446 Clermont Street	Project Number:	24034-0001	
Thornton CO, 80229	Project Manager:	Michael A. Wicker	9/12/2024 11:04:00AM

Thornton CO, 80229		Project Manage	r: M	chael A. Wic	ker			ç	0/12/2024 11:04:00AN
	Nonhal	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436073-BLK1)							Prepared: 0	9/06/24 Ar	nalyzed: 09/07/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	41.1		50.0		82.2	50-200			
LCS (2436073-BS1)							Prepared: 0	9/06/24 Ar	alyzed: 09/07/24
Diesel Range Organics (C10-C28)	212	25.0	250		84.6	38-132			
urrogate: n-Nonane	43.7		50.0		87.3	50-200			
Matrix Spike (2436073-MS1)				Source:	E409032-	01	Prepared: 0	9/06/24 Ar	nalyzed: 09/07/24
Diesel Range Organics (C10-C28)	192	25.0	250	ND	76.7	38-132			
urrogate: n-Nonane	41.2		50.0		82.4	50-200			
Matrix Spike Dup (2436073-MSD1)				Source:	E409032-0	01	Prepared: 0	9/06/24 Ar	alyzed: 09/07/24
Diesel Range Organics (C10-C28)	201	25.0	250	ND	80.5	38-132	4.86	20	
urrogate: n-Nonane	41.2		50.0		82.4	50-200			



Matrix Spike (2436063-MS1)

Matrix Spike Dup (2436063-MSD1)

Chloride

Chloride

253

253

Prepared: 09/06/24 Analyzed: 09/06/24

Prepared: 09/06/24 Analyzed: 09/06/24

20

QC Summary Data

CDH Consulting 9446 Clermont Street Thornton CO, 80229		Project Name: Project Number Project Manage	: 2	Vestall Flowlin 4034-0001 Aichael A. Wic					Reported: 9/12/2024 11:04:00AM
		Anions	by EPA	300.0/9056	4				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2436063-BLK1)							Prepared: 0	9/06/24 A	nalyzed: 09/06/24
Chloride	ND	20.0							
LCS (2436063-BS1)							Prepared: 0	9/06/24 A	nalyzed: 09/06/24
Chloride	252	20.0	250		101	90-110			

250

250

20.0

20.0

Source: E409035-05

Source: E409035-05

101

101

80-120

80-120

0.0451

ND

QC Summary Report Comment:

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



Definitions and Notes

CDH Consulting	Project Name:	Westall Flowline Release	
9446 Clermont Street	Project Number:	24034-0001	Reported:
Thornton CO, 80229	Project Manager:	Michael A. Wicker	09/12/24 11:04

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page _	of	
Page_	01	

Received by OCD: 10/4/2024 12:12:56 PM

Client: (yeress							Bill To	О				La	b Use	e Onl	У				1	AT		EPA P	rogram
Project: Westall Gowline Release Attention: Michael Wicker Address:									Lab	b WO# Job Number 1D 2D 3D Standard CV							CWA	SDWA						
Address: City, State, Zip										E	107	02		Analy						12			RCRA	
City, State	e, Zip					Phone	e:																	
Phone:						Email:	: Wicker	men	ail.gust	, edu	3015	8015										and a	State	11
Email: Report du	ue by: COH	Cons	vitino								yq C	yd C	8021	260	010	300.0	N	¥				NM CO	UT AZ	TX
Time Sampled	Date Sampled	Matrix		Sample ID						Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	TCEQ 1005-					Remarks	
0735	9/5/24	5	1	550	066	3 0),5			Number	0	0	8	>	2	0	7	F				Date	and -	time
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-24	115																							
Addition	al Instructio	ns:																						
, (field samp	oler), attest to the	e validity and	authenticity	of this sample.	. I am awar	e that tan	npering with o	or intentional	lly mislabelling t	he sample loc	ation,													oled or received
	of collection is c		1	be grounds for	legal action	Con.			Dakoata	h Cue	to				packed	in ice at	t an av	g temp a				subsequent d	ays.	DUN-STAUT CONTOUR EDGE
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Time ampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chlori	BGDOC - NM	TCEQ 1005- TX					Remarks	
•	9/5	5	ì	5506@0,5															
- 0	7/6	5	1	5506@4.0	<u> </u>														
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4	9/5	5	(5508@4.0	6														
lditional	Instruction	ns:			-														
,,,				of this sample. I am aware that tampering with or inten	onally mislabelling the sample locally Dakoatah CVE	ation,						-					eived on ice the day °C on subsequent d		ied or re
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envis limited to the amount paid for on the report.

Compared to the amount paid for on the report.

Printed: 9/6/2024 10:37:50AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	CDH Consulting	Date Received:	09/06/24 08	8:00	,	Work Order ID:	E409033
Phone:	(616) 970-8459	Date Logged In:	09/05/24 17	7:13		Logged In By:	Noe Soto
Email:		Due Date:	09/12/24 17	7:00 (4 day TAT)			
	Custody (COC)						
	he sample ID match the COC?	h tha COC	Yes				
	he number of samples per sampling site location match samples dropped off by client or carrier?	i the COC	Yes				
	ne COC complete, i.e., signatures, dates/times, requeste	onalyzas?	Yes No	Carrier: <u>C</u>	<u>Courier</u>		
	all samples received within holding time?	d allaryses:	Yes				
J. WOIC	Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		103	_		Comment	s/Resolution
	Turn Around Time (TAT) e COC indicate standard TAT, or Expedited TAT?		Yes		Time sample	ed is missing	g on COC by client.
Sample	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, i. Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample to	received w/i 15	Yes <u>C</u>				
Sample	<u>Container</u>	_					
14. Are a	iqueous VOC samples present?		No				
15. Are \(\)	VOC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was	a trip blank (TB) included for VOC analyses?		NA				
18. Are 1	non-VOC samples collected in the correct containers?		Yes				
19. Is the	appropriate volume/weight or number of sample containe	rs collected?	Yes				
Field La							
	field sample labels filled out with the minimum inform	nation:	37				
	Sample ID? Date/Time Collected?		Yes				
	Collectors name?		Yes No				
Sample :	Preservation		- 10				
21. Does	the COC or field labels indicate the samples were pre-	served?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved me	tals?	No				
Multiph	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphase	?	No				
27. If yes	s, does the COC specify which phase(s) is to be analyz	ed?	NA				
Subcont	ract Laboratory						
28. Are s	amples required to get sent to a subcontract laboratory	?	No				
29. Was	a subcontract laboratory specified by the client and if s	o who?	NA	Subcontract Lab	: NA		
Client I	nstruction						
							

Date

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

District III

<u>District I</u> 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

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**

QUESTIONS

Action 389865

QUESTIONS

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	389865
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites						
Incident ID (n#)	nAPP2322554757					
Incident Name	NAPP2322554757 WATER DISPOSAL FLOWLINE RELEASE @ 0					
Incident Type	Produced Water Release					
Incident Status	Remediation Plan Received					

Location of Release Source								
Please answer all the questions in this group.								
Site Name	WATER DISPOSAL FLOWLINE RELEASE							
Date Release Discovered	07/31/2023							
Surface Owner	Federal							

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Human Error Flow Line - Production Produced Water Released: 150 BBL Recovered: 25 BBL Lost: 125 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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

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

QUESTIONS, Page 2

Action 389865

QUEST	IONS (continued)
Operator: MR NM Operating LLC 5950 Berkshire Lane Dallas, TX 75225	OGRID:
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of avaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
	Name: Ginger Fact

Title: Consultant

Date: 10/04/2024

Email: gfast@CDHConsult.com

I hereby agree and sign off to the above statement

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

QUESTIONS, Page 3

Action 389865

QUESTIONS (continued)

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	389865
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	Attached Document	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)	
Any other fresh water well or spring	Greater than 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Between 1 and 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	Yes	

vided to the appropriate district office no later than 90 days after the release discovery date.
Yes
mination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Yes
No
h, in milligrams per kilograms.)
13900
0
0
0
0
ompleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
12/15/2024
09/05/2024
12/31/2024
4600
700
4600
700
ion at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
h

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 4

Action 389865

QUESTIONS (continued)

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	389865
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
his remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes	
Which OCD approved facility will be used for off-site disposal	R360 ARTESIA LLC LANDFARM [fEEM0112340644]	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Not answered.	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

Name: Ginger Fast Title: Consultant

Email: gfast@CDHConsult.com

Date: 10/04/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 389865

QUESTIONS (continued)

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	389865
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

OUESTIONS

	QUESTIONS .	
Deferral Requests Only		
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.		the following items must be confirmed as part of any request for deferral of remediation.
	Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 389865

QUESTIONS (continued)

Operator: MR NM Operating LLC 5950 Berkshire Lane Dallas, TX 75225	OGRID: 330506 Action Number: 389865	
Builds, IX FOLLS	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	
QUESTIONS		
Sampling Event Information		
Last sampling notification (C-141N) recorded	{Unavailable.}	
Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.	
Requesting a remediation closure approval with this submission	No	

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CONDITIONS

Action 389865

CONDITIONS

Operator:	OGRID:
MR NM Operating LLC	330506
5950 Berkshire Lane	Action Number:
Dallas, TX 75225	389865
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scwells Remediation plan approved with conditions: 1) Areas affected by the MR NM Operating release that are located on the other operator's wellpad may be backfilled with compacted caliche.		10/11/2024
scwells	2) The top 4' of the release area needs to be reclaimed to the most stringent criteria in Table 1.	10/11/2024
scwells	vells 3) All confirmation samples must be tested for all constituents in Table 1.	
scwells	4) If MR NM Operating chooses to cease excavation due to encountering TPH or BTEX, all activities must cease and the OCD is to be consulted immediately.	10/11/2024
scwells	Submit remediation closure report to the OCD by 1/9/2025.	10/11/2024