

SPILL VOLUME CALCULATIONS

INPUT DATA: (click "Reset Page" button to return all values to zero)										
Total Area Calculations					Standing Liquid Calculations (leave blank if 100% of free liquid has been recovered)					
Total Surface Area		saturated soil depth		% oil	Total Surface Area		liquid depth		% oil	
Known Area #1	0 acres	or	1369 sq. ft.	2 in	100%	Known Area #1	0 sq. ft.	0 in	0%	
Known Area #2	0 acres	or	419 sq. ft.	1 in	100%	Known Area #2	0 sq. ft.	0 in	0%	
Known Area #3	0 acres	or	38 sq. ft.	1 in	100%	Known Area #3	0 sq. ft.	0 in	0%	
Known Area #4	0 acres	or	0 sq. ft.	0 in	0%	Known Area #4	0 sq. ft.	0 in	0%	
width		length			width		length			
Rectangle Area #1	0 ft		0 ft	0 in	0%	Rectangle Area #1	0 ft	0 ft	0 in	0%
Rectangle Area #2	0 ft		0 ft	0 in	0%	Rectangle Area #2	0 ft	0 ft	0 in	0%
Rectangle Area #3	0 ft		0 ft	0 in	0%	Rectangle Area #3	0 ft	0 ft	0 in	0%
Rectangle Area #4	0 ft		0 ft	0 in	0%	Rectangle Area #4	0 ft	0 ft	0 in	0%
diameter		saturated soil depth		% oil	diameter		liquid depth		% oil	
Circle Area #1	0 ft			0 in	0%	Circle Area #1	0 ft		0 in	0%
Circle Area #2	0 ft			0 in	0%	Circle Area #2	0 ft		0 in	0%
Circle Area #3	0 ft			0 in	0%	Circle Area #3	0 ft		0 in	0%
Circle Area #4	0 ft			0 in	0%	Circle Area #4	0 ft		0 in	0%

Amount of Free Liquid Recovered:	0 bbl	Percentage of Oil in Free Liquid Recovered:	0%
Liquid Holding Factor*:	0.14 gal liquid/gal soil		
(see below)			
Use the following when the spill wets the grains of the soil:		Use the following when the liquid completely fills the pore space of the soil:	
* sand = .08 gallon liquid per gallon volume of soil.		Occurs when the spill soaked soil is contained by barriers, natural (or not).	
* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.		* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.	
* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.		* sandy loam = .5 gallon liquid per gallon volume of soil.	
* clay loam = .16 gallon liquid per gallon volume of soil.			

OUTPUT DATA:			Free Liquid Volume Calculations		
<u>Saturated Soil Volume Calculations</u>			<u>Water</u>		
Total Contaminated Volume:	266.3 cu. ft.	9.9 yds.	Total Free Liquid:	0.0 BBL	Oil
<u>Estimated Volumes Spilled</u>			<u>Estimated Surface Damage</u>		
	<u>Water</u>	<u>Oil</u>	Surface Area:	1,826.0 sq. ft.	
Liquid in Soil:	0.0 BBL	6.6 BBL	Surface Area:	0.0 acres	
Free Liquid:	0.0 BBL	0.0 BBL	<u>Recovered Volumes</u>		
Free Liquid Recovered:	0.0 BBL	0.0 BBL	Estimated oil recovered:	0.0 BBL	
Total Liquid Spilled:	0.0 BBL	6.6 BBL	Estimated water recovered:	0.0 BBL	
	0.0 gal	278.8 gal			

Incident ID	nAPP2410837698
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>> 100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

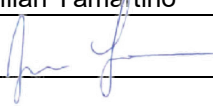
If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods,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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2410837698
District RP	
Facility ID	
Application ID	

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

Printed Name: Jillian Yamartino Title: Environmental-Air Manager
Signature:  Date: 8/28/2024
email: jyamartino@nwmidstream.com Telephone: (207) 745-0783

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2410837698
District RP	
Facility ID	
Application ID	

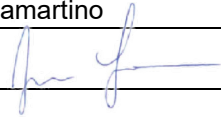
Closure

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

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Jillian Yamartino Title: Environmental-Air Manager
Signature:  Date: 8/28/2024
email: jyamartino@nwmidstream.com Telephone: (207) 745-0783

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



August 23, 2024

Jillian Yamartino
Environmental-Air Manager
Northwind Midstream Partners, LLC
811 Louisiana St
Houston, TX 77002

Re: Remediation Summary and Closure Request
Titan Treating Plant #1
API No. N/A
GPS: Latitude 32.027132 Longitude -103.276073
UL "A", Sec. 21, T26S, R36E
Lea County, NM
NMOCD Incident ID: nAPP2410837698

J & H Services, Inc. (J & H), on behalf of Northwind Midstream, LLC (Northwind), has prepared this *Remediation Summary and Closure Request* for the Release Site known as the Titan Treating Plant #1. Details of the release are summarized below:

RELEASE DETAILS			
Type of Release: Crude Oil	Volume of Release:		7 bbls
	Volume Recovered:		N/A
Source of Release: Water Truck	Date of Release:	4/11/24	Date of Discovery: 4/11/24
Was Immediate Notice Given? No	If, YES, to Whom?	N/A	
Was a Watercourse Reached? No	If YES, Volume Impacting the Watercourse:		N/A
Surface Owner: Northwind Midstream Partners, LLC	Mineral Owner: Northwind Midstream Partners, LLC		
Describe Cause of Release and Remedial Action Taken:			
Water truck used for dust control on caliche pad had oil in the bottom of its tank resulting in an oil spray.			

A Topographic Map is provided as Attachment #1. General Site Photographs are provided as Attachment #7. A copy of the Notification Of Release (NOR) and subsequent notifications are provided as Attachment #8.

REGULATORY FRAMEWORK

Surface impacts from unauthorized releases of crude oil, gases, produced water, condensate or other oil field waste which occur during normal oilfield operations are generally regulated by the New Mexico Oil Conservation Division (NMOCD) in accordance with 19.15.29 of the New Mexico Administrative Code (NMAC). 19.15.29 NMAC establishes reporting, site assessment/characterization, remediation, closure, variance and enforcement procedures. Table I of 19.15.29.12 NMAC determines the closure criteria for soils impacted by a release based on the depth to groundwater and the following site characteristics:

Site Characteristics		
Approximate Depth to Groundwater	> 100 Feet	
Within 300 ft. of any continuously flowing or significant watercourse?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 500 ft. of a spring or private, domestic fresh water well?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 1,000 ft. of any fresh water well?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within the incorporated municipal boundaries or within a municipal well field?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within 300 ft. of a wetland?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within the area overlying a subsurface mine?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within an unstable area?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Within a 100-year floodplain?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

A search of a groundwater database maintained by The New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average depth to groundwater within a one (1) Mile radius of the Release Site and identify any registered water wells within a 1/2 Mile of the Release Site. If none were identified, the approximate depth to groundwater was extrapolated from a Depth to Groundwater Map utilized by the NMOCD. Depth to groundwater information is provided as Attachment #4.

Based on the approximate depth to groundwater and site characteristics, the NMOCD Closure Criteria are as follows:

Table I Closure Criteria for Soils Impacted by a Release				
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method*		Limit**
> 100 Feet	Chloride***	EPA 300.0 or 4500 Cl B	SM	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M		2,500 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B		50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B		10 mg/kg

SUMMARY OF REMEDIATION ACTIVITIES

On April 12th, 2024, remediation activities began at the release site. Utilizing mechanical equipment, impacted soil within the release area was scraped until field observations indicated concentrations above NMOCD Closure Criteria had been removed. Excavated soil was stockpiled on-site, atop an impermeable liner, pending final disposition. Fifteen (15) composite method confirmation soil samples were collected from the base and sidewalls of the excavated areas representative of every 200 square feet. The collected soil samples were submitted to a laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated concentrations of chloride, TPH, and BTEX were below the NMOCD Closure Criteria in each of the submitted soil samples with the exceptions of FL6 @6" and FL7 @6", which exhibited TPH concentrations of 228 mg/kg and 8,726 mg/kg, respectively. The areas characterized by soil samples FL6 @6" and FL7 @6" were excavated until field observations indicated concentrations were below the NMOCD Closure Criteria. Soil samples FL 6 @ 1' and FL 7 @ 1' were collected and submitted to the laboratory for analysis of chloride, TPH, and BTEX. Analytical results indicated concentrations of chloride, TPH, and BTEX were below the NMOCD Closure Criteria in all of the submitted samples.. A Site and Sample Location Map is provided as Attachment #2. A table summarizing laboratory analytical results from confirmation soil samples is provided as Attachment #3. Field Data, if applicable, is provided as Attachment #5. Laboratory analytical reports are provided as Attachment #6.

SITE RESTORATION AND DISPOSAL SUMMARY

Upon receiving favorable laboratory analytical results from confirmation soil samples below the NMOCD Reclamation Standards, excavated areas were backfilled with locally sourced, non-impacted "like" material, at or near original relative positions. The affected area was contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the maximum extent practicable. All stockpiled materials were transported to a licensed disposal facility for a total of approximately 40 cubic yards of soil.

CLOSURE REQUEST

Based on remediation activities performed at the site and laboratory analytical results from confirmation soil samples, J & H on behalf of Northwind Midstream, LLC respectfully requests the NMOCD grant closure approval for the Titan Treating Plant #1 Release Site.

If you have any questions, or if additional information is required, please feel free to contact the undersigned by phone or email.

Respectfully,



Zach Conder
Environmental Manager
J & H Services, Inc.
(575) 640-6786
zach@jhservicesinc.com

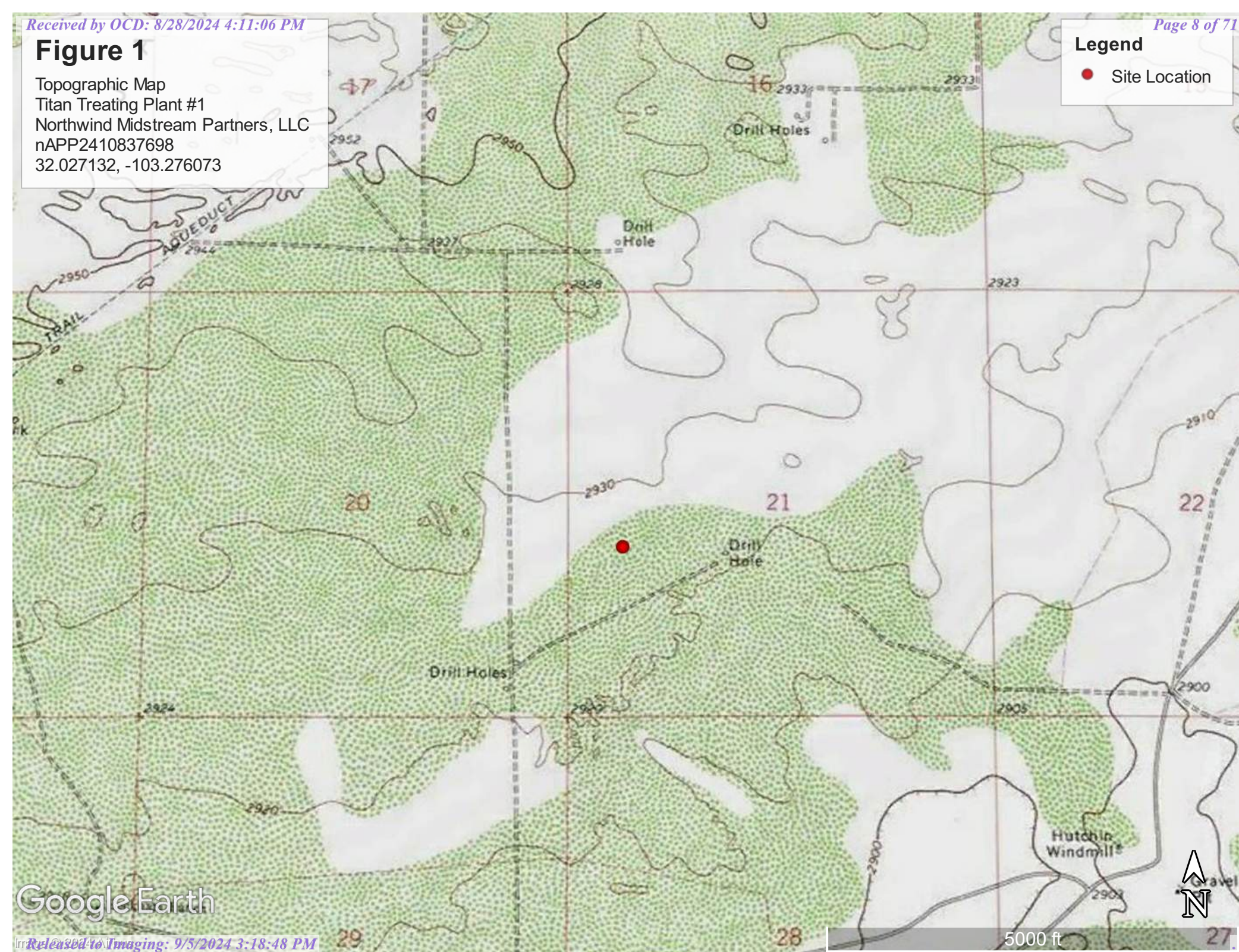
Attachments:	Attachment #1-	Figure 1 - Topographic Map
	Attachment #2-	Figure 2 - Site and Sample Location Map
	Attachment #3-	Table 1 - Concentrations of BTEX, TPH, and Chloride in Soil
	Attachment #4-	Depth to Groundwater Information
	Attachment #5-	Field Data (If Applicable)
	Attachment #6-	Laboratory Analytical Reports
	Attachment #7-	General Site Photographs
	Attachment #8-	Notification Of Release (NOR) and subsequent notifications

Figure 1

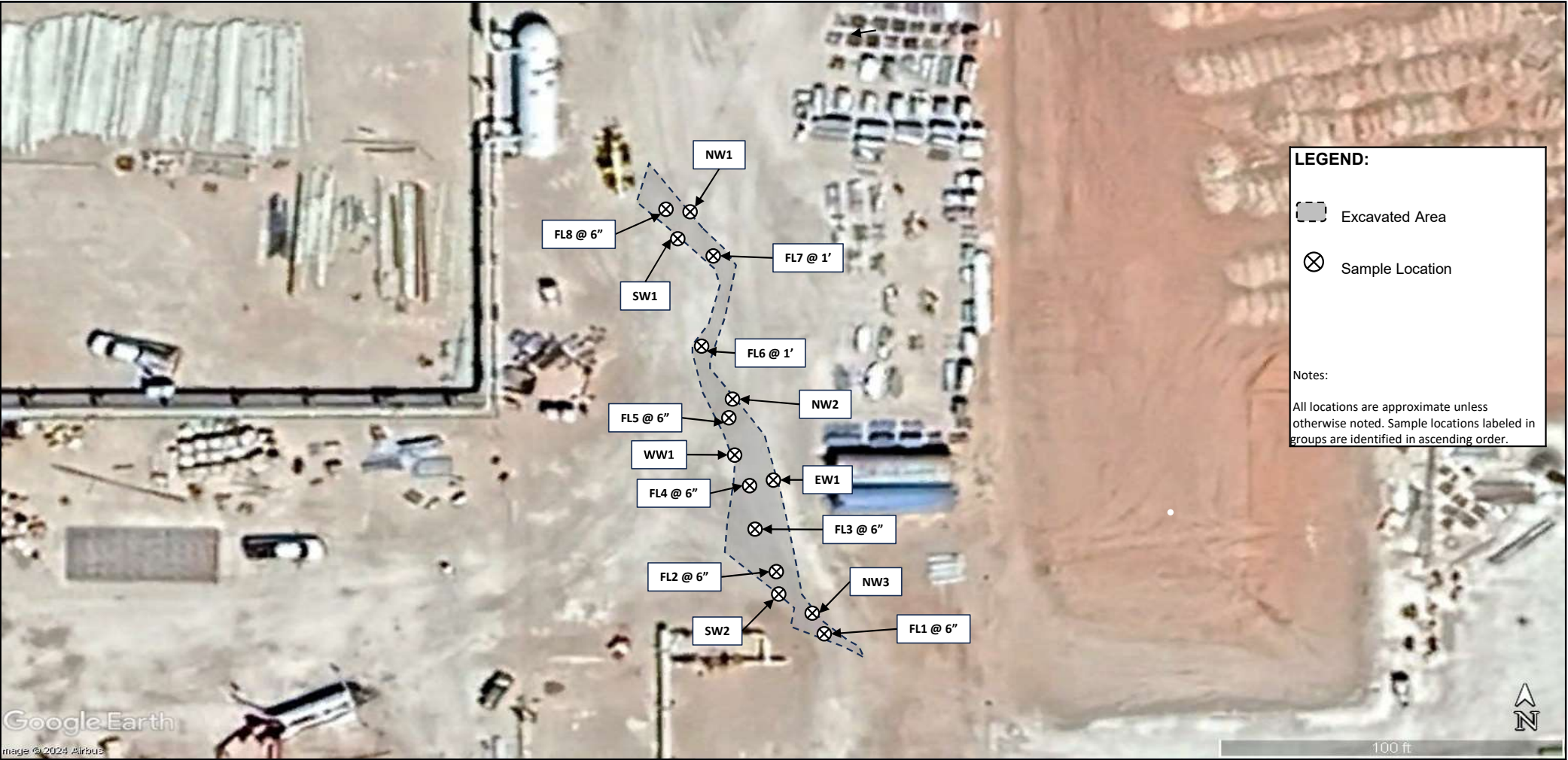
Topographic Map
Titan Treating Plant #1
Northwind Midstream Partners, LLC
nAPP2410837698
32.027132, -103.276073

Legend

● Site Location



Google Earth




DATE: August 2024	 <div>J & H Services, Inc. 6616 Gulton Ct NE, Suite 90 Albuquerque, NM 87109</div>	Northwind Midstream Partners, LLC Titan Treating Plant #1 GPS: 32.027132°, -103.276073° UL "A", Section 21, Township 26 South, Range 36 East Lea County, New Mexico	Site and Sample Location Map	Figure 2
DESIGNED BY: ZC				
DRAWN BY: ZC				

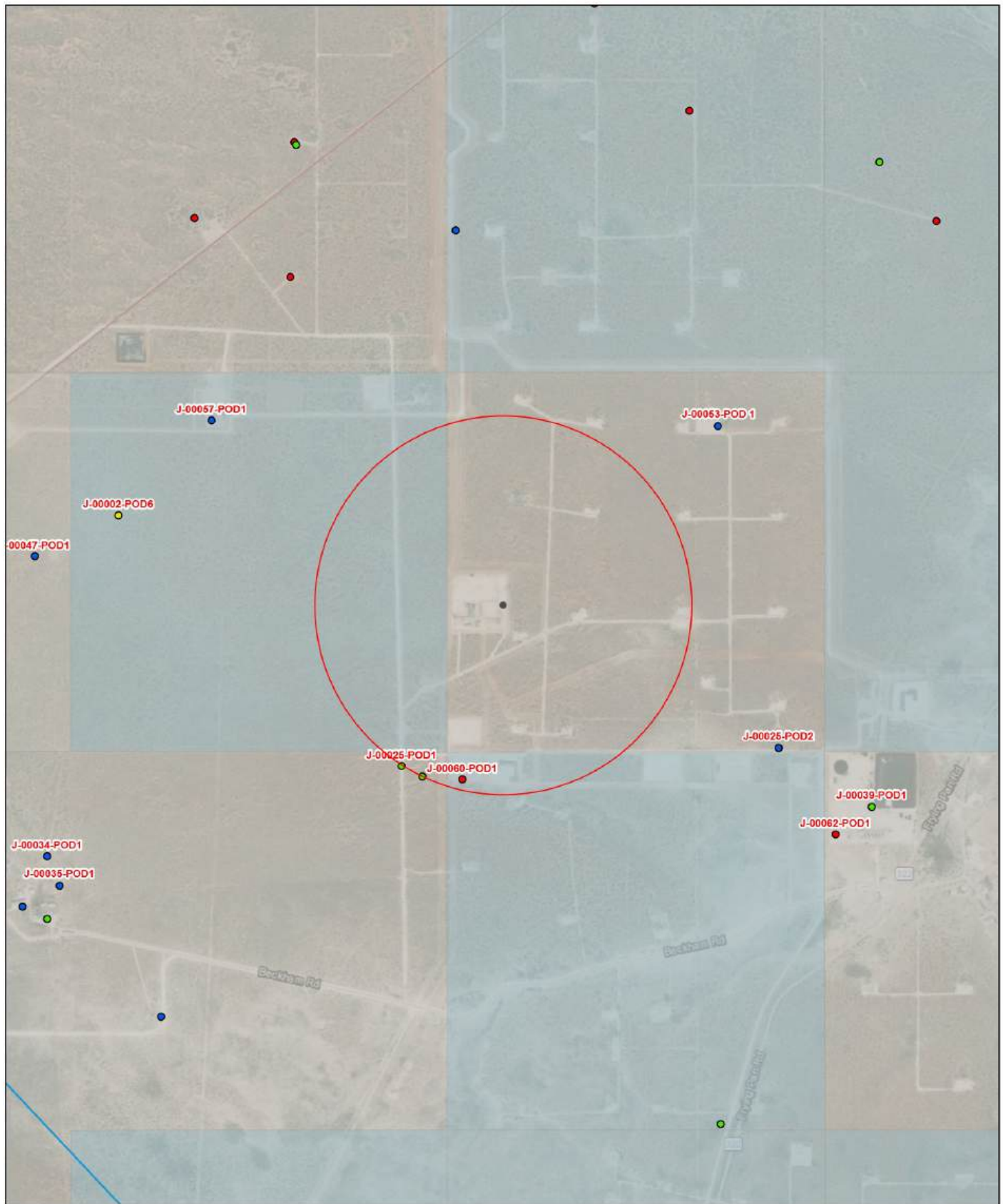
Table 1 Concentrations of BTEX, TPH, and Chloride in Soil Northwind Midstream, LLC Titan Treating Plant #1 NMOCD Ref. #: nAPP2410837698											
NMOCD Reclamation Standard				10	50	-	-	-	-	100	600
Sample ID	Date	Depth (Feet)	Soil Status	SW 846 8021B		SW 846 8015M Ext.					4500 Cl
				Benzene (mg/kg)	BTEX (mg/kg)	GRO C ₆ -C ₁₀ (mg/kg)	DRO C ₁₀ -C ₂₈ (mg/kg)	GRO + DRO C ₆ -C ₂₈ (mg/kg)	ORO C ₂₈ -C ₃₆ (mg/kg)	TPH C ₆ -C ₃₆ (mg/kg)	Chloride (mg/kg)
FL1 @6"	4/22/2024	6"	In-Situ	ND	ND	ND	ND	ND	ND	ND	43.7
FL2 @6"	4/22/2024	6"	In-Situ	ND	ND	ND	ND	ND	ND	ND	43.4
FL 3 @ 6"	4/22/2024	6"	In-Situ	ND	ND	ND	ND	ND	ND	ND	69.3
FL 4 @ 6"	4/22/2024	6"	In-Situ	ND	ND	ND	ND	ND	ND	ND	71
FL 5 @ 6"	4/22/2024	6"	In-Situ	ND	ND	ND	ND	ND	ND	ND	129
FL 6 @ 6"	4/22/2024	6"	Excavated	ND	ND	ND	166	166	131	297	ND
FL 7 @ 6"	4/22/2024	6"	Excavated	ND	ND	ND	8,600	8600	126	8,726	ND
FL 8 @ 6"	4/22/2024	6"	In-Situ	ND	ND	ND	ND	ND	ND	ND	98.5
NW1	4/22/2024	-	In-Situ	ND	ND	ND	ND	ND	ND	ND	42.1
NW2	4/22/2024	-	In-Situ	ND	ND	ND	ND	ND	ND	ND	41.2
NW3	4/22/2024	-	In-Situ	ND	ND	ND	ND	ND	ND	ND	78.3
EW1	4/22/2024	-	In-Situ	ND	ND	ND	ND	ND	ND	ND	46.4
SW1	4/22/2024	-	In-Situ	ND	ND	ND	36.4	36.4	ND	36.4	38.6
SW2	4/22/2024	-	In-Situ	ND	0.0362	ND	ND	ND	ND	ND	111
WW1	4/22/2024	-	In-Situ	ND	ND	ND	ND	ND	ND	ND	54.6
FL 6 @ 1'	7/24/2024	1'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
FL 7 @ 1'	7/24/2024	1'	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.**Red:** NMOCD Reclamation Standard exceedance.

ND - below the laboratory detection limit.

Titan Heating Plant #1 - OSE POD Location Map



8/23/2024, 10:08:17 PM

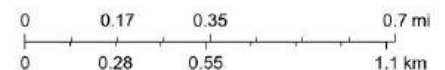
GIS WATERS PODs

- Active
- Pending
- Changed Location of Well
- Plugged

- OSE District Boundary
- Water Right Regulations
- Closure Area
- Artesian Planning Area

- New Mexico State Trust Lands
- Subsurface Estate
- Both Estates
- NHD Flowlines
- Pipeline

1:18,056



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE 011 MAY 19 2023 PM 01:40

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-1		WELL TAG ID NO. n/a		OSE FILE NO(S). J-00060			
	WELL OWNER NAME(S) Ameredev Operating, LLC				PHONE (OPTIONAL) 737-300-4700			
	WELL OWNER MAILING ADDRESS 2901 Via Fortuna Suite 600				CITY Austin	STATE TX	ZIP 78746	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 1	SECONDS 13.62	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
	LONGITUDE 103	16	40.52	W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW NW NW Sec.28 T26S R36E NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 5/2/23	DRILLING ENDED 5/2/23	DEPTH OF COMPLETED WELL (FT) temporary well material		BORE HOLE DEPTH (FT) ±101	DEPTH WATER FIRST ENCOUNTERED (FT) n/a		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a	DATE STATIC MEASURED 5/9/23	
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	0	101	6.25"	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL		AMOUNT (cubic feet)	METHOD OF PLACEMENT	

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. <u>J-60-POD 1</u>	POD NO. <u>1</u>	TRN NO. <u>741118</u>
LOCATION <u>26.36.28.111</u>	WELL TAG ID NO. <u>---</u>	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, fine-grained, poorly graded, Brown	Y ✓ N	
	4	25	21	Sand, fine-grained, poorly graded, with Caliche, Tan/off white	Y ✓ N	
	25	101	76	Sand, fine-grained, poorly graded, Tan	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST: RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Removed temporary well material from soil boring, backfilled with drill cutting from total depth to 10 feet below ground surface, then placed hydrated bentonite from 10 feet to ground surface. See attached plugging record. DTW-18 <div style="text-align: right;">OSE DTI MAY 19 2023 PM 3:41</div>	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt		

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 Jackie D. Atkins SIGNATURE OF DRILLER / PRINT SIGNEE NAME	5/19/23 DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. 560-NOA1	POD NO. 1	TRN NO. 741118
LOCATION 26.36.28.111	WELL TAG ID NO. —	PAGE 2 OF 2



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

May 10, 2023

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record J-00060 POD-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, J-00060 POD-1

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

A handwritten signature in black ink that reads "Lucas Middleton". The signature is written in a cursive, flowing style.

Lucas Middleton

Enclosures: as noted above

OSE DII MAY 19 2023 PM3:41

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 741118
File Nbr: J 00060
Well File Nbr: J 00060 POD1

May. 19, 2023

ANDREW PARKER
AMEREDEV OPERATING LLC
2901 VIA FORTUNA SUITE 600
AUSTIN, TX 78746

Greetings:

The above numbered permit was issued in your name on 01/25/2023.

The Well Record was received in this office on 05/19/2023, stating that it had been completed on 05/02/2023, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 01/25/2024.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Maret Thompson".

Maret Thompson
(575) 622-6521

drywell

[illegible]



List of Sites from NWIS Mapper

Request Time and Date: 2024-08-24 03:02 UTC
Number of sites in request: 1
Longitude and Latitude extent of request: West: -103.33 South 32.02 East: -103.222 North: 32.046
Sites Type: Groundwater
Sites Status: Active
Requested type of data for sites: All Data

Site Number	Site Name	Agency	Link to Data
320220103184001	26S.36E.18.13333	USGS	Access Data



List of Sites from NWIS Mapper

Request Time and Date: 2024-08-24 03:03 UTC
Number of sites in request: 6
Longitude and Latitude extent of request: West: -103.33 South 32.014 East: -103.222 North: 32.04
Sites Type: Groundwater
Sites Status: Inactive
Requested type of data for sites: All Data

Site Number	Site Name	Agency	Link to Data
320108103191301	26S.35E.24.342444	USGS	Access Data
320138103181201	26S.36E.19.14224	USGS	Access Data
362729103073101	26S.36E.30.244141	USGS	Access Data
320104103174901	26S.36E.30.2421 J-34	USGS	Access Data
362728103073001	26S.36E.30.24414	USGS	Access Data
320149103134201	26S.36E.23.222322	USGS	Access Data

Report to:
Miguel Ramirez



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Northwind Midstream, LLC

Project Name: Titan treater

Work Order: E404247

Job Number: 24035-0001

Received: 4/24/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/29/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 4/29/24

Miguel Ramirez
2904 W. 2nd
Roswell, NM 88201



Project Name: Titan treater
Workorder: E404247
Date Received: 4/24/2024 8:00:00AM

Miguel Ramirez,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/24/2024 8:00:00AM, under the Project Name: Titan treater.

The analytical test results summarized in this report with the Project Name: Titan treater 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 regarding 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
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

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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	5
Sample Data	6
FL1 @6"	6
FL2 @6"	7
FL3 @6"	8
FL4 @6"	9
FL5 @6"	10
FL6 @6"	11
FL7 @6"	12
FL8 @6"	13
NW1	14
NW2	15
NW3	16
EW1	17
SW1	18
SW2	19
WW1	20
QC Summary Data	21
QC - Volatile Organics by EPA 8021B	21
QC - Nonhalogenated Organics by EPA 8015D - GRO	22
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	23
QC - Anions by EPA 300.0/9056A	24

Table of Contents (continued)

Definitions and Notes	25
Chain of Custody etc.	26

Sample Summary

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 04/29/24 13:09
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL1 @6"	E404247-01A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
FL2 @6"	E404247-02A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
FL3 @6"	E404247-03A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
FL4 @6"	E404247-04A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
FL5 @6"	E404247-05A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
FL6 @6"	E404247-06A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
FL7 @6"	E404247-07A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
FL8 @6"	E404247-08A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
NW1	E404247-09A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
NW2	E404247-10A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
NW3	E404247-11A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
EW1	E404247-12A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
SW1	E404247-13A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
SW2	E404247-14A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.
WW1	E404247-15A	Soil	04/22/24	04/24/24	Glass Jar, 2 oz.



Sample Data

Northwind Midstream, LLC
2904 W. 2nd
Roswell NM, 88201

Project Name: Titan treater
Project Number: 24035-0001
Project Manager: Miguel Ramirez

Reported:
4/29/2024 1:09:22PM

FL1 @6"

E404247-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID	92.9 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	81.5 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
Surrogate: n-Nonane	116 %	50-200		04/24/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	43.7	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

FL2 @6"

E404247-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID	92.4 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	82.5 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
Surrogate: n-Nonane	115 %	50-200		04/24/24	04/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	43.4	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

FL3 @6"

E404247-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.6 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.4 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		04/24/24	04/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	69.3	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

FL4 @6"

E404247-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.9 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.9 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
<i>Surrogate: n-Nonane</i>						
	116 %	50-200		04/24/24	04/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	71.0	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC
2904 W. 2nd
Roswell NM, 88201

Project Name: Titan treater
Project Number: 24035-0001
Project Manager: Miguel Ramirez

Reported:
4/29/2024 1:09:22PM

FL5 @6"

E404247-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2417048
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.0 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2417048
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	83.5 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2417049
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/24/24	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		04/24/24	04/24/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2417046
Chloride	129	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

FL6 @6"

E404247-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID	94.5 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	85.4 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	166	25.0	1	04/24/24	04/25/24	
Oil Range Organics (C28-C36)	131	50.0	1	04/24/24	04/25/24	
Surrogate: n-Nonane	111 %	50-200		04/24/24	04/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	ND	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

FL7 @6"

E404247-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID	109 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.6 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	8600	25.0	1	04/24/24	04/25/24	
Oil Range Organics (C28-C36)	126	50.0	1	04/24/24	04/25/24	
Surrogate: n-Nonane	119 %	50-200		04/24/24	04/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	ND	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

FL8 @6"

E404247-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID	97.4 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	86.7 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/25/24	
Surrogate: n-Nonane	110 %	50-200		04/24/24	04/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	98.5	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

NW1

E404247-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.3 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/25/24	
<i>Surrogate: n-Nonane</i>						
	115 %	50-200		04/24/24	04/25/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	42.1	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

NW2

E404247-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID	94.9 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.1 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/25/24	
Surrogate: n-Nonane	103 %	50-200		04/24/24	04/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	41.2	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

NW3

E404247-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	80.5 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/25/24	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		04/24/24	04/25/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	78.3	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

EW1

E404247-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID	91.7 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	78.1 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/25/24	
Surrogate: n-Nonane	100 %	50-200		04/24/24	04/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	46.4	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

SW1

E404247-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID	91.3 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	77.6 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	36.4	25.0	1	04/24/24	04/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/25/24	
Surrogate: n-Nonane	117 %	50-200		04/24/24	04/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	38.6	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

SW2

E404247-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	0.0362	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	0.0362	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID	94.0 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	80.2 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/25/24	
Surrogate: n-Nonane	114 %	50-200		04/24/24	04/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	111	20.0	1	04/24/24	04/26/24	



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

WW1

E404247-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Benzene	ND	0.0250	1	04/24/24	04/25/24	
Ethylbenzene	ND	0.0250	1	04/24/24	04/25/24	
Toluene	ND	0.0250	1	04/24/24	04/25/24	
o-Xylene	ND	0.0250	1	04/24/24	04/25/24	
p,m-Xylene	ND	0.0500	1	04/24/24	04/25/24	
Total Xylenes	ND	0.0250	1	04/24/24	04/25/24	
Surrogate: 4-Bromochlorobenzene-PID	94.3 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2417048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/24/24	04/25/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID	81.1 %	70-130		04/24/24	04/25/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2417049	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/24/24	04/25/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/24/24	04/25/24	
Surrogate: n-Nonane	118 %	50-200		04/24/24	04/25/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2417046	
Chloride	54.6	20.0	1	04/24/24	04/26/24	



QC Summary Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 4/29/2024 1:09:22PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	

Volatile Organics by EPA 8021B

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
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Blank (2417048-BLK1) Prepared: 04/24/24 Analyzed: 04/25/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			

LCS (2417048-BS1) Prepared: 04/24/24 Analyzed: 04/25/24

Benzene	5.40	0.0250	5.00		108	70-130			
Ethylbenzene	5.22	0.0250	5.00		104	70-130			
Toluene	5.38	0.0250	5.00		108	70-130			
o-Xylene	5.32	0.0250	5.00		106	70-130			
p,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	16.0	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			

Matrix Spike (2417048-MS1) Source: E404246-03 Prepared: 04/24/24 Analyzed: 04/25/24

Benzene	5.28	0.0250	5.00	ND	106	54-133			
Ethylbenzene	5.10	0.0250	5.00	ND	102	61-133			
Toluene	5.25	0.0250	5.00	ND	105	61-130			
o-Xylene	5.18	0.0250	5.00	ND	104	63-131			
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131			
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.8	70-130			

Matrix Spike Dup (2417048-MSD1) Source: E404246-03 Prepared: 04/24/24 Analyzed: 04/25/24

Benzene	5.11	0.0250	5.00	ND	102	54-133	3.23	20	
Ethylbenzene	4.95	0.0250	5.00	ND	99.0	61-133	2.87	20	
Toluene	5.09	0.0250	5.00	ND	102	61-130	3.15	20	
o-Xylene	5.03	0.0250	5.00	ND	101	63-131	2.98	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	2.79	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	2.85	20	
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			



QC Summary Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported:
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	4/29/2024 1:09:22PM

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
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Blank (2417048-BLK1) Prepared: 04/24/24 Analyzed: 04/25/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.60		8.00		82.5	70-130			

LCS (2417048-BS2) Prepared: 04/24/24 Analyzed: 04/25/24

Gasoline Range Organics (C6-C10)	37.5	20.0	50.0		75.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.64		8.00		83.0	70-130			

Matrix Spike (2417048-MS2) Source: E404246-03 Prepared: 04/24/24 Analyzed: 04/25/24

Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.47		8.00		80.9	70-130			

Matrix Spike Dup (2417048-MSD2) Source: E404246-03 Prepared: 04/24/24 Analyzed: 04/25/24

Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.3	70-130	2.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.64		8.00		82.9	70-130			



QC Summary Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported:
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	4/29/2024 1:09:22PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2417049-BLK1) Prepared: 04/24/24 Analyzed: 04/24/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.7		50.0		115	50-200			

LCS (2417049-BS1) Prepared: 04/24/24 Analyzed: 04/24/24

Diesel Range Organics (C10-C28)	296	25.0	250		119	38-132			
Surrogate: n-Nonane	58.2		50.0		116	50-200			

Matrix Spike (2417049-MS1) Source: E404246-02 Prepared: 04/24/24 Analyzed: 04/24/24

Diesel Range Organics (C10-C28)	382	25.0	250	72.7	124	38-132			
Surrogate: n-Nonane	58.7		50.0		117	50-200			

Matrix Spike Dup (2417049-MSD1) Source: E404246-02 Prepared: 04/24/24 Analyzed: 04/24/24

Diesel Range Organics (C10-C28)	390	25.0	250	72.7	127	38-132	2.18	20	
Surrogate: n-Nonane	58.9		50.0		118	50-200			



QC Summary Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported:
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Miguel Ramirez	4/29/2024 1:09:22PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2417046-BLK1)					Prepared: 04/24/24 Analyzed: 04/26/24				
Chloride	ND	20.0							
LCS (2417046-BS1)					Prepared: 04/24/24 Analyzed: 04/25/24				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2417046-MS1)					Source: E404247-05		Prepared: 04/24/24 Analyzed: 04/25/24		
Chloride	385	20.0	250	129	102	80-120			
Matrix Spike Dup (2417046-MSD1)					Source: E404247-05		Prepared: 04/24/24 Analyzed: 04/25/24		
Chloride	382	20.0	250	129	101	80-120	0.772	20	

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



Definitions and Notes

Northwind Midstream, LLC	Project Name:	Titan treater	
2904 W. 2nd	Project Number:	24035-0001	Reported:
Roswell NM, 88201	Project Manager:	Miguel Ramirez	04/29/24 13:09

- 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.



Chain of Custody

Page 1 of 2

Client Information				Invoice Information		Lab Use Only		TAT				State					
Client: <u>Northwood</u>				Company: <u>JH Services</u>		Lab WO# <u>E 404247</u> Job Number <u>124035-0001</u>		1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: <u>Town Transfer</u>				Address: <u>3800 Mahan dr</u>													
Project Manager: <u>Miguel Ramirez</u>				City, State, Zip: <u>Hobbs, NM 88240</u>													
Address:				Phone: <u>505-318-1735</u>													
City, State, Zip:				Email: <u>Miguel@jhservicesinc.com</u>													
Phone:				Miscellaneous: <u>Zach@jhservicesinc.com</u>													
Email:																	
Sample Information						Analysis and Method						EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA
9:00	4/22/24	Soil	1	FL 1 @ 6"		1											
9:10			1	FL 2 @ 6"		2											
9:20			1	FL 3 @ 6"		3											
9:30			1	FL 4 @ 6"		4											
9:40			1	FL 5 @ 6"		5											
9:50			1	FL 6 @ 6"		6											
10:00			1	FL 7 @ 6"		7											
10:10			1	FL 8 @ 6"		8											
10:20			1	NW1		9											
10:30			1	NW2		10											
Additional Instructions:																	
I, (field sampler) attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																	
Sampled by: <u>Miguel Ramirez</u>																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	



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Envirotech Analytical Laboratory

Printed: 4/24/2024 9:31:46AM

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: Northwind Midstream, LLC
 Phone: (575) 626-3993
 Email: miguel@jhservicesinc.com

Date Received: 04/24/24 08:00
 Date Logged In: 04/24/24 09:10
 Due Date: 04/30/24 17:00 (4 day TAT)

Work Order ID: E404247
 Logged In By: Angelina Pineda

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
 2. Does the number of samples per sampling site location match the COC? Yes
 3. Were samples dropped off by client or carrier? Yes
 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
 5. Were all samples received within holding time? Yes
- Note: Analysis, such as pH which should be conducted in the field, i.e. 15 minute hold time, are not included in this discussion.

Carrier: CourierSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
 8. If yes, was cooler received in good condition? Yes
 9. Was the sample(s) received intact, i.e., not broken? Yes
 10. Were custody/security seals present? 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 Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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? Yes

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 filtration 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: NA

Client InstructionComments/Resolution

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

Date



envirotech Inc.

Report to:
Zach Conder



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Northwind Midstream, LLC

Project Name: Titan treater

Work Order: E407214

Job Number: 24035-0001

Received: 7/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/31/24

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 7/31/24

Zach Conder
2904 W. 2nd
Roswell, NM 88201



Project Name: Titan treater
Workorder: E407214
Date Received: 7/26/2024 5:00:14AM

Zach Conder,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/26/2024 5:00:14AM, under the Project Name: Titan treater.

The analytical test results summarized in this report with the Project Name: Titan treater 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 regarding 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
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Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FL 6 @ 1'	5
FL 7 @ 1'	6
QC Summary Data	7
QC - Volatile Organic Compounds by EPA8260B	7
QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 07/31/24 12:27
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Zach Conder	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL 6 @ 1'	E407214-01A	Soil	07/24/24	07/26/24	Glass Jar, 2 oz.
FL 7 @ 1'	E407214-02A	Soil	07/24/24	07/26/24	Glass Jar, 2 oz.



Sample Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 7/31/2024 12:27:38PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Zach Conder	

FL 6 @ 1'

E407214-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY		Batch: 2430132	
Benzene	ND	0.0250	1	07/26/24	07/26/24	
Ethylbenzene	ND	0.0250	1	07/26/24	07/26/24	
Toluene	ND	0.0250	1	07/26/24	07/26/24	
o-Xylene	ND	0.0250	1	07/26/24	07/26/24	
p,m-Xylene	ND	0.0500	1	07/26/24	07/26/24	
Total Xylenes	ND	0.0250	1	07/26/24	07/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	07/26/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	07/26/24	07/26/24	
Surrogate: Toluene-d8		98.6 %	70-130	07/26/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2430132	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/26/24	07/26/24	
Surrogate: Bromofluorobenzene		104 %	70-130	07/26/24	07/26/24	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	07/26/24	07/26/24	
Surrogate: Toluene-d8		98.6 %	70-130	07/26/24	07/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2430124	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/26/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/26/24	07/30/24	
Surrogate: n-Nonane		113 %	50-200	07/26/24	07/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2430133	
Chloride	ND	20.0	1	07/26/24	07/26/24	



Sample Data

Northwind Midstream, LLC
2904 W. 2nd
Roswell NM, 88201

Project Name: Titan treater
Project Number: 24035-0001
Project Manager: Zach Conder

Reported:
7/31/2024 12:27:38PM

FL 7 @ 1'

E407214-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2430132
Benzene	ND	0.0250	1	07/26/24	07/27/24	
Ethylbenzene	ND	0.0250	1	07/26/24	07/27/24	
Toluene	ND	0.0250	1	07/26/24	07/27/24	
o-Xylene	ND	0.0250	1	07/26/24	07/27/24	
p,m-Xylene	ND	0.0500	1	07/26/24	07/27/24	
Total Xylenes	ND	0.0250	1	07/26/24	07/27/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/26/24	07/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	07/26/24	07/27/24	
Surrogate: Toluene-d8		98.8 %	70-130	07/26/24	07/27/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2430132
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/26/24	07/27/24	
Surrogate: Bromofluorobenzene		102 %	70-130	07/26/24	07/27/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	07/26/24	07/27/24	
Surrogate: Toluene-d8		98.8 %	70-130	07/26/24	07/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2430124
Diesel Range Organics (C10-C28)	ND	25.0	1	07/26/24	07/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/26/24	07/30/24	
Surrogate: n-Nonane		108 %	50-200	07/26/24	07/30/24	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2430133
Chloride	ND	20.0	1	07/26/24	07/26/24	



QC Summary Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported:
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Zach Conder	7/31/2024 12:27:38PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2430132-BLK1)Prepared: 07/26/24 Analyzed: 07/26/24

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			

LCS (2430132-BS1)Prepared: 07/26/24 Analyzed: 07/26/24

Benzene	2.48	0.0250	2.50		99.0	70-130			
Ethylbenzene	2.49	0.0250	2.50		99.4	70-130			
Toluene	2.34	0.0250	2.50		93.7	70-130			
o-Xylene	2.47	0.0250	2.50		98.9	70-130			
p,m-Xylene	4.93	0.0500	5.00		98.6	70-130			
Total Xylenes	7.40	0.0250	7.50		98.7	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			

Matrix Spike (2430132-MS1)Source: E407214-01Prepared: 07/26/24 Analyzed: 07/26/24

Benzene	2.53	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.51	0.0250	2.50	ND	100	45-135			
Toluene	2.38	0.0250	2.50	ND	95.1	48-130			
o-Xylene	2.54	0.0250	2.50	ND	102	43-135			
p,m-Xylene	5.06	0.0500	5.00	ND	101	43-135			
Total Xylenes	7.60	0.0250	7.50	ND	101	43-135			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			

Matrix Spike Dup (2430132-MSD1)Source: E407214-01Prepared: 07/26/24 Analyzed: 07/26/24

Benzene	2.45	0.0250	2.50	ND	98.1	48-131	3.05	23	
Ethylbenzene	2.48	0.0250	2.50	ND	99.2	45-135	1.28	27	
Toluene	2.34	0.0250	2.50	ND	93.5	48-130	1.72	24	
o-Xylene	2.49	0.0250	2.50	ND	99.6	43-135	2.17	27	
p,m-Xylene	4.98	0.0500	5.00	ND	99.5	43-135	1.64	27	
Total Xylenes	7.47	0.0250	7.50	ND	99.6	43-135	1.82	27	
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.6	70-130			



QC Summary Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported: 7/31/2024 12:27:38PM
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Zach Conder	

Nonhalogenated Organics by EPA 8015D - GRO

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
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Blank (2430132-BLK1) Prepared: 07/26/24 Analyzed: 07/26/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			

LCS (2430132-BS2) Prepared: 07/26/24 Analyzed: 07/26/24

Gasoline Range Organics (C6-C10)	46.5	20.0	50.0		93.0	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130			

Matrix Spike (2430132-MS2) Source: E407214-01 Prepared: 07/26/24 Analyzed: 07/27/24

Gasoline Range Organics (C6-C10)	44.0	20.0	50.0	ND	88.0	70-130			
Surrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.5	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			

Matrix Spike Dup (2430132-MSD2) Source: E407214-01 Prepared: 07/26/24 Analyzed: 07/27/24

Gasoline Range Organics (C6-C10)	42.3	20.0	50.0	ND	84.5	70-130	3.97	20	
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			



QC Summary Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported:
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Zach Conder	7/31/2024 12:27:38PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2430124-BLK1) Prepared: 07/26/24 Analyzed: 07/29/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	63.3		50.0		127	50-200			

LCS (2430124-BS1) Prepared: 07/26/24 Analyzed: 07/29/24

Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
Surrogate: n-Nonane	56.4		50.0		113	50-200			

Matrix Spike (2430124-MS1) Source: E407215-01 Prepared: 07/26/24 Analyzed: 07/29/24

Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	38-132			
Surrogate: n-Nonane	59.2		50.0		118	50-200			

Matrix Spike Dup (2430124-MSD1) Source: E407215-01 Prepared: 07/26/24 Analyzed: 07/29/24

Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	6.46	20	
Surrogate: n-Nonane	59.8		50.0		120	50-200			



QC Summary Data

Northwind Midstream, LLC	Project Name:	Titan treater	Reported:
2904 W. 2nd	Project Number:	24035-0001	
Roswell NM, 88201	Project Manager:	Zach Conder	7/31/2024 12:27:38PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2430133-BLK1)					Prepared: 07/26/24 Analyzed: 07/26/24				
Chloride	ND	20.0							
LCS (2430133-BS1)					Prepared: 07/26/24 Analyzed: 07/26/24				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2430133-MS1)					Source: E407210-05		Prepared: 07/26/24 Analyzed: 07/26/24		
Chloride	292	200	250	ND	117	80-120			
Matrix Spike Dup (2430133-MSD1)					Source: E407210-05		Prepared: 07/26/24 Analyzed: 07/26/24		
Chloride	297	200	250	ND	119	80-120	1.70	20	

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



Definitions and Notes

Northwind Midstream, LLC	Project Name:	Titan treater	
2904 W. 2nd	Project Number:	24035-0001	Reported:
Roswell NM, 88201	Project Manager:	Zach Conder	07/31/24 12:27

- 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.





Envirotech Analytical Laboratory

Printed: 7/26/2024 9:50:55AM

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:	Northwind Midstream, LLC	Date Received:	07/26/24 05:00	Work Order ID:	E407214
Phone:	(575) 626-3993	Date Logged In:	07/25/24 16:13	Logged In By:	Noe Soto
Email:	zach@jhserviceinc.com	Due Date:	08/01/24 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? 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 Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? No

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 filtration 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: NA

Client Instruction

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

Date



envirotech Inc.



Photo 1 - View of surface staining from the initial release, facing Southwest.



Photo 2 - View of surface staining from the initial release, facing Southeast.



Photo 3 - View of portion of the excavated area, facing West.



Photo 4 - View of portion of the excavated area, facing Northeast.

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Oil Conservation Division
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QUESTIONS

Action 334402

QUESTIONS

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 334402
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Titan Treating Plant #1
Date Release Discovered	04/11/2024
Surface Owner	Private

Incident Details <i>Please answer all the questions in this group.</i>	
Incident Type	Oil 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 <i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Human Error Truck Crude Oil Released: 7 BBL Recovered: 0 BBL Lost: 7 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 334402

QUESTIONS (continued)

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 334402
	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 Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 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 334402

ACKNOWLEDGMENTS

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 334402
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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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CONDITIONS

Action 334402

CONDITIONS

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 334402
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jyamartino	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/17/2024

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QUESTIONS

Action 334413

QUESTIONS

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 334413
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2410837698
Incident Name	NAPP2410837698 TITAN TREATING PLANT #1 @ 0
Incident Type	Oil Release
Incident Status	Notification Accepted
Incident Facility	[fAPP2405456531] Titan Treating Plant #1

Location of Release Source

Site Name	Titan Treating Plant #1
Date Release Discovered	04/11/2024
Surface Owner	Private

Sampling Event General Information*Please answer all the questions in this group.*

What is the sampling surface area in square feet	1,826
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/22/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Zach Condor with J&H services zach@jhservicesinc.com
Please provide any information necessary for navigation to sampling site	From the intersection of East Kansas Avenue and NM-18 in Jal, New Mexico, travel approximately 1.3 miles south on NM-18 and turn right (west) onto Whitworth Drive. Continue approximately 0.4 miles west on Whitworth Drive and turn left onto NM-205/South 3rd Street. Travel approximately 2.4 miles south on NM-205/South 3rd Street and then continue south on Frying Pan Road. On Frying Pan Road, continue approximately 5 miles and turn right onto Beckham Road. Travel approximately 1.4 miles on Beckham Road and turn right onto an unnamed lease road. Travel north on the unnamed lease road for approximately 0.7 miles and turn right onto another unnamed lease road. Travel east-northeast approximately 0.2 miles and the facility will be on the left (north)

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CONDITIONS

Action 334413

CONDITIONS

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 334413
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jyamartino	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/17/2024

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QUESTIONS

Action 378608

QUESTIONS

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 378608
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2410837698
Incident Name	NAPP2410837698 TITAN TREATING PLANT #1 @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2405456531] TITAN TREATING PLANT #1

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Titan Treating Plant #1
Date Release Discovered	04/11/2024
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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	Cause: Human Error Truck Crude Oil Released: 7 BBL Recovered: 0 BBL Lost: 7 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 378608

QUESTIONS (continued)

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 378608
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Jillian Yamartino Title: Environmental-Air Manager Email: jyamartino@nwmidstream.com Date: 08/28/2024
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QUESTIONS, Page 3

Action 378608

QUESTIONS (continued)

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 378608
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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CONDITIONS

Action 378608

CONDITIONS

Operator: Northwind Midstream Partners LLC 811 Louisiana St Houston, TX 77002	OGRID: 331501
	Action Number: 378608
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/5/2024