Site Characterization & Proposed Remediation Workplan

Goodnight Midstream Permian, LLC
Fenway Tank 113
Lea County, New Mexico
Unit Letter F , Section 28, Township 21 South, Range 36 East
Latitude 32.45038 North, Longitude 103.27493 West
NMOCD Reference No. nAPP2428552848

Prepared By:

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1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Goodnight Midstream Permian, LLC, has prepared this *Site Characterization & Proposed Remediation Workplan* for the release site known as the Fenway Blown Plug (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.45038 Longitude -103.27493

Provided GPS are in WGS84 format.

Site Name:	Fenway Tank 113	Site Type:	SWD
Date Release Discovered:	10/10/2024	API # (if applicable):	N/A

Unit Letter	Section	Township	Range	County
F	28	21S	36E	Lea

Surface Owner: [ ] State [ ] Federal [ ] Tribal [X] Private (Name Atlee Snyder)

Nature and Volume of Release

[ ] Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
[X] Produced Water	Volume Released (bbls) 90	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	[X] Yes [ ] No [ ] N/A
[ ] Condensate	Volume Released (bbls)	Volume Recovered (bbls)
[ ] Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
[ ] Other (describe)	Volume/Weight Released	Volume/Weight Recovered

Cause of Release:
The release was attributed to the failure of plug on a high pressure line.

Initial Response

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

Previously submitted portions of the New Mexico Oil Conservation Division (NMOCD) Form C-141 are available in the NMOCD Permitting System.

2.0 SITE CHARACTERIZATION

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (bgs)?	Between 100 and 500 (ft.)
What method was used to determine the depth to groundwater?	Direct Measurement
Did the release impact groundwater or surface water?	☐ Yes ☒ No
What is the minimum distance between the closest lateral extents of the release and the following surface areas?	
A continuously flowing watercourse or any other significant watercourse?	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution or church?	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Between 1 and 5 (mi.)
Any other fresh water well or spring?	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field?	Between 1 and 5 (mi.)
A wetland?	Between ½ and 1 (mi.)
A subsurface mine?	Greater than 5 (mi.)
A (non-karst) unstable area?	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well/site being in a karst geology.	Low
A 100-year floodplain?	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production or storage site?	☐ Yes ☒ No

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater and NMOCD siting information is provided as Appendix A.

Additional NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and Wildlife Services (FWS) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted in Figures 1, 2A, 2B, and 4.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater, and NMOCD Siting Criteria, the NMOCD Closure Criteria, and NMOCD Reclamation Standards for the Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
Between 100 and 500 (ft.)	Chloride (Cl-)	EPA** 300.0 or SM4500 Cl B	20,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO+DRO)	EPA SW-846 Method 8015M	1,000	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)

** Environmental Protection Agency

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 INITIAL SITE ASSESSMENT AND BACKGROUND INFORMATION

Following the discovering the release, an alternative environmental contractor conducted an initial release assessment at the Site. During the initial release assessment, 36 soil samples (SP-1 through SP-36) were collected from zero (0) to one (1) ft within and adjacent to the margins of the release. The collected soil samples were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride Laboratory analytical results indicated BTEX concentrations were below the laboratory method detection limit (MDL) in each of the submitted soil samples, with the exception of soil sample SP-18 (0.597 mg/kg). TPH concentrations were below the laboratory MDL in each of the submitted soil samples, with the exception of soil samples SP-2 (1,162 mg/kg), SP-5 (34.7 mg/kg), and SP-9 (11.4 mg/kg). Chloride concentrations ranged from 32.0 mg/kg in soil samples SP-18 and SP-21 to 18,000 mg/kg in soil sample SP-2. BTEX, TPH and chloride concentrations were below the NMOCD Closure Criteria in each of the submitted soil samples with the exception of soil sample SP-2, which exhibited a GRO+DRO concentration of 1,110 mg/kg. A "Site and Sample Location Map" is provided as Figure 3. Concentrations of BTEX, TPH and chloride are summarized in Table 1. Laboratory analytical reports are provided as Appendix D.

On October 21, 2024, upon receiving laboratory analytical results from soil samples collected during the initial investigation, remediation activities commenced at the Site. Initial remediation activities targeted impacted material containing over 100 mg/kg TPH and 600 mg/kg (i.e., the NMOCD Reclamation Standards), even though impacts were limited to an active facility where a depth to groundwater determination boring had been recently drilled demonstrating that groundwater was greater than

Between November 15 and December 10, 2025, approximately 59 additional delineation soil samples and 133 excavation confirmation soil samples were collected and submitted to the laboratory for analysis of BTEX, TPH and chloride concentrations. Laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD Reclamation Standards in each of the submitted soil samples, with the exception of soil samples CS-3 (103 mg/kg TPH), CS-23 North Wall (182 mg/kg TPH), CS-24 (589 mg/kg TPH), CS-29 (12,600 mg/kg TPH) and CS-32 (1,170 mg/kg chloride). Impacted areas characterized by soil samples CS-3, CS-23 North Wall, CS-24, CS-29, and CS-32 were excavated and resampled until laboratory analytical results indicated BTEX, TPH and chloride concentrations were below the NMOCD Reclamation Standards.

During the course of remediation activities, approximately 750 cubic yards of impacted material has been excavated from depths ranging from 2 to 4 ft bgs then transported to an NMOCD-permitted surface waste facility for disposal. Upon completion of remediation activities, several *Closure Requests* were submitted to the NMOCD describing field activities and laboratory analytical results from soil sampling activities. The *Closure Requests* were subsequently denied as they were incomplete and included incorrect information.

On March 24, 2025, Etech assumed remediation oversight of the project. Upon assuming remediation responsibilities, Etech conducted a review of available information and laboratory analytical results from delineation and excavation confirmation soil samples. Review of available information indicated that during assessment and remediation activities, two (2) soil samples (SP-2 @ 0-1' and CS-29 @ 2') exhibited BTEX, TPH, and/or chloride concentrations above the NMOCD Closure Criteria. The area characterized by soil sample CS-29 @ 2' appears to have been excavated and resampled, as necessary. The area characterized by soil sample SP-2 appears to have been excavated but lacks the necessary excavation confirmation soil samples.

In addition, it was determined that the subject release affected an area measuring approximately 8,000 sq. ft., while the excavation measured approximately 24,000 sq. ft. Connecting the nearest clean composite soil samples (i.e. those exhibiting BTEX, TPH and chloride concentrations below the NMOCD Reclamation Standards) collected outside the margins of the release to serve as proxy sidewall samples, results in an area measuring approximately 10,500 sq. ft. with the necessary horizontal control. While a considerable amount of clean excavation confirmation soil samples were collected within this 10,500 sq. ft. zone, approximately fifteen (15) locations were identified wherein additional confirmation soil sampling (proxy floors) could be warranted. In addition, six (6) locations around the release margins could benefit from additional horizontal sampling (proxy sidewalls).

5.0 PROPOSED REMEDIATION PLAN

Based on a review of available information, NMOCD correspondence, and laboratory analytical results from assessment and confirmation soil samples, Goodnight Midstream Permian, LLC, proposes the following field activities designed to bring the Site into compliance:

•Advance a series of investigative trenches in the area characterized by soil sample SP-2 in an effort to determine if impacted material affected above the NMOCD Closure Criteria remains in-situ and to collect the necessary proxy excavation confirmation soil samples. It is anticipated that at least one (1) proxy floor sample and two (2) proxy sidewall samples will be necessary.

•Advance a series of investigative trenches in the area characterized by the 15 undersampled areas within/proximate to the margins of the subject release, along with the six (6) undersampled areas outside the release margins (proxy sidewalls), in an effort to determine if impacted material affected above the NMOCD Closure Criteria remains in-situ and to collect the necessary proxy excavation confirmation soil samples.

•The collected soil samples will be submitted to the laboratory for analysis of BTEX, TPH, and chloride.

•In the event impacted material affected above the NMOCD Closure Criteria is encountered, the affected area(s) will be excavated until laboratory analytical results from excavation confirmation soil samples indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.

•In the event excavation of impacted material affected above the NMOCD Closure Criteria encroaches to within an unsafe distance to the active tank battery facility and/or active on-site equipment, additional deferral characterization and delineation soil samples will be collected, as necessary.

•Upon receiving laboratory analytical results from confirmation soil samples, the Site will be restored to the condition that existed prior to the release, to the extent practicable. Excavated areas will be backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area will be compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable.

•Upon completion of remediation activities, a *Remediation Summary and Soil Closure (*or *Deferral Request)* will be prepared detailing field activities and laboratory analytical results from the collected soil samples.

6.0 TIMELINE AND ESTIMATED VOLUME OF SOIL TO BE REMEDIATED

Remediation activities are expected to be completed within ninety (90) days of receiving necessary approval(s) of the *Site Characterization & Proposed Remediation Workplan* . To date, approximately 750 cubic yards (cy) of impacted material has been excavated and transported to an NMOCD-permitted surface waste facility for disposal. Based on laboratory analytical results and field activities conducted to date, it is estimated that approximately 20 cy of impacted material may remain in need of removal.

7.0 RESTORATION, RECLAMATION, AND RE-VEGETATION PLAN

Areas affected by remediation and closure activities will be substantially restored to the condition that existed prior to the release, to the extent practicable. Excavated areas will be backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area will be compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. The release was limited to an active facility. Final reclamation and revegetation will be conducted in accordance with 19.15.29 NMAC once the facility is decommissioned.

8.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Site Characterization & Proposed Remediation Workplan* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Goodnight Midstream Permian, LLC. Use of the information contained in this report is prohibited without the consent of Etech and/or Goodnight Midstream Permian, LLC.

9.0 DISTRIBUTION

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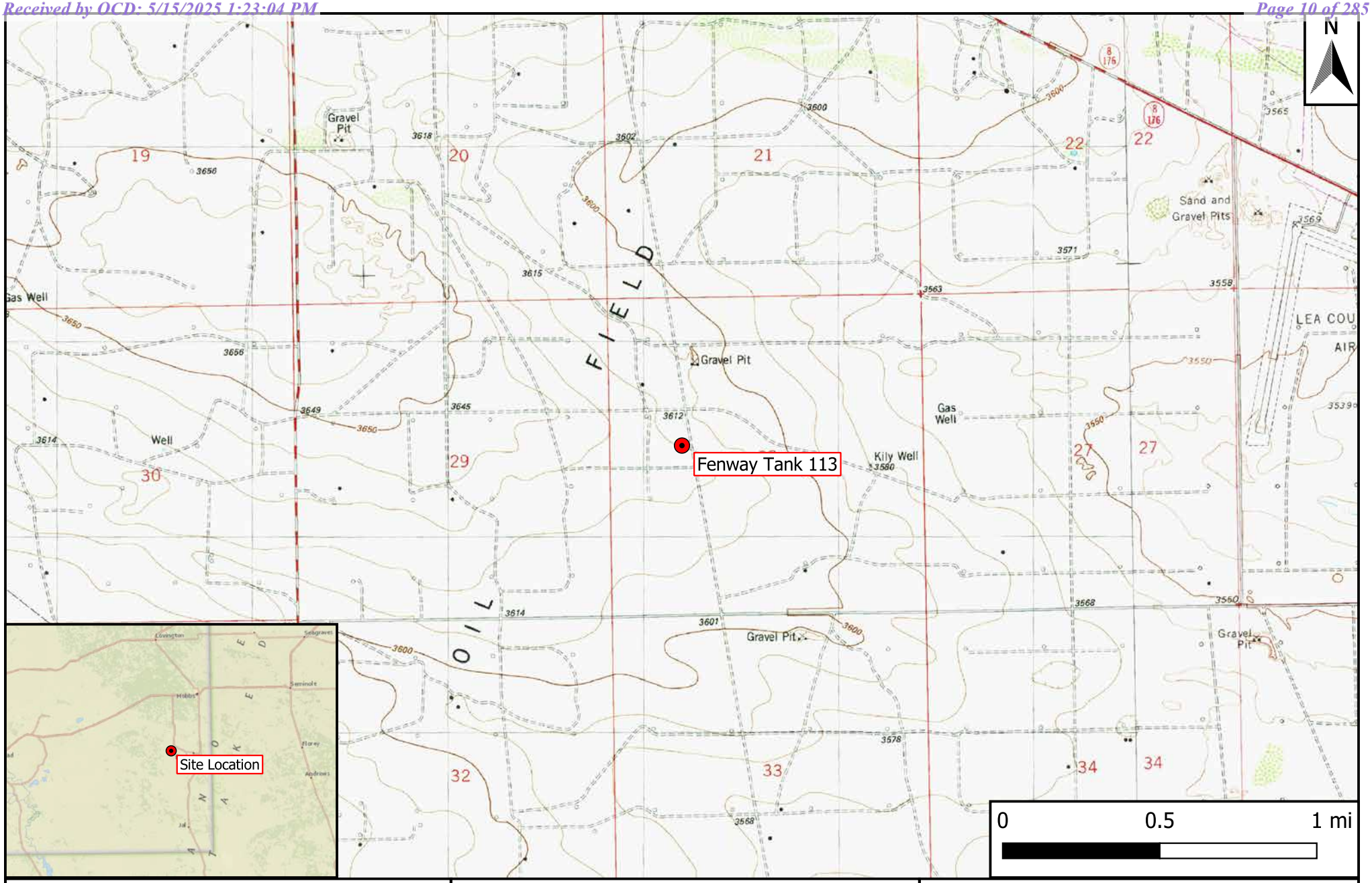
Suite 800
Dallas, TX 75206

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1220 South St. Francis Drive
Santa Fe, NM 87505

(Electronic Submission)

Figure 1
Site Location Map



Legend

- Site Location

Figure 1
Site Location Map
Goodnight Midstream Permian, LLC
Fenway Tank 113
GPS: 32.45038, -103.274930
Lea County, New Mexico

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Drafted: mag Checked: rlc Date: 2025-05-02

Figures 2A & 2B
Site Characterization Maps

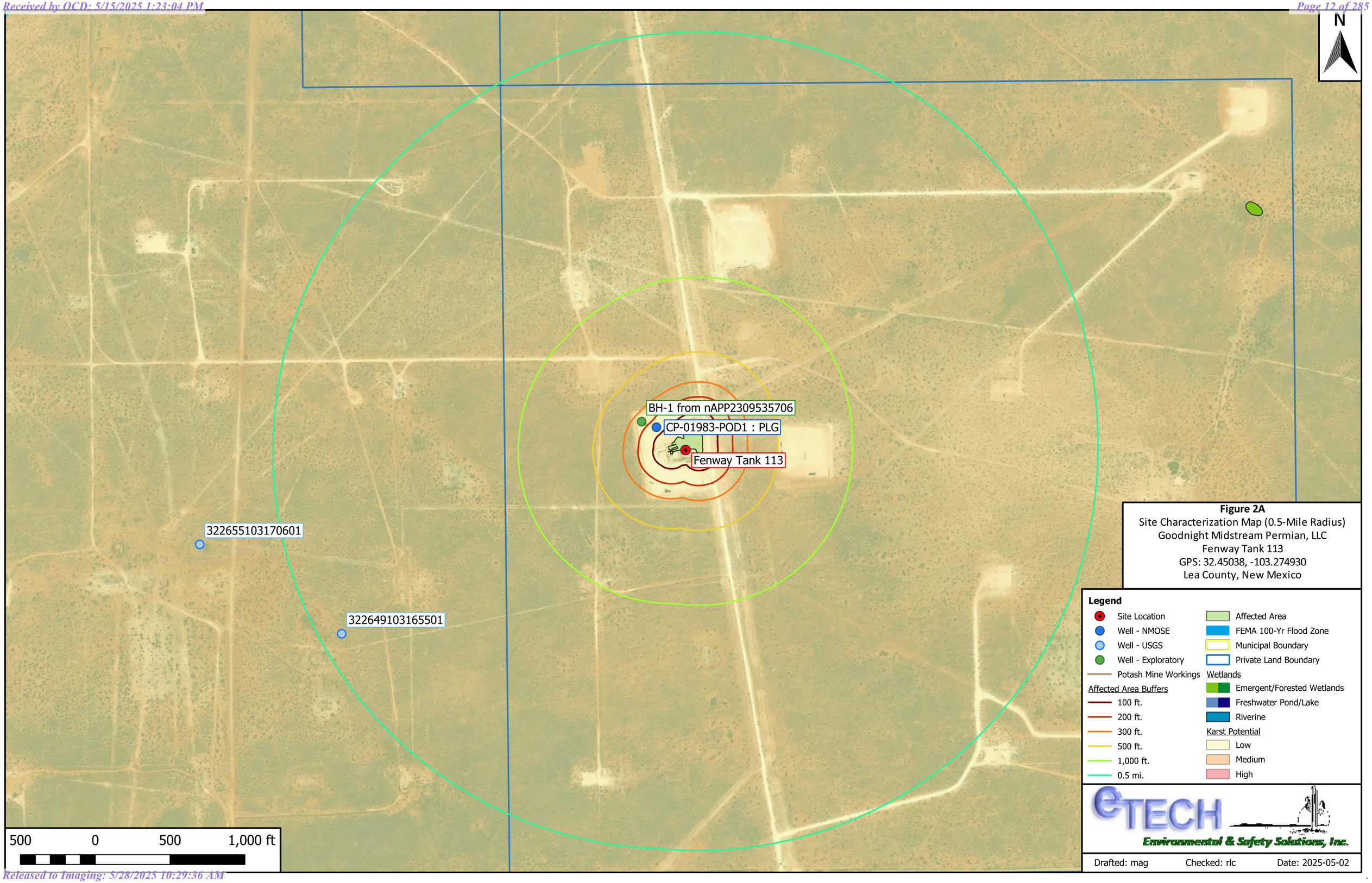

Figure 2A
Site Characterization Map (0.5-Mile Radius)
Goodnight Midstream Permian, LLC
Fenway Tank 113
GPS: 32.45038, -103.274930
Lea County, New Mexico

Legend

- Site Location
- Well - NMOSE
- Well - USGS
- Well - Exploratory
- Potash Mine Workings

Affected Area Buffers
- 100 ft.
- 200 ft.
- 300 ft.
- 500 ft.
- 1,000 ft.
- 0.5 mi.

- Affected Area
- FEMA 100-Yr Flood Zone
- Municipal Boundary
- Private Land Boundary

Wetlands
- Emergent/Forested Wetlands
- Freshwater Pond/Lake
- Riverine

Karst Potential
- Low
- Medium
- High

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Drafted: mag Checked: rlc Date: 2025-05-02

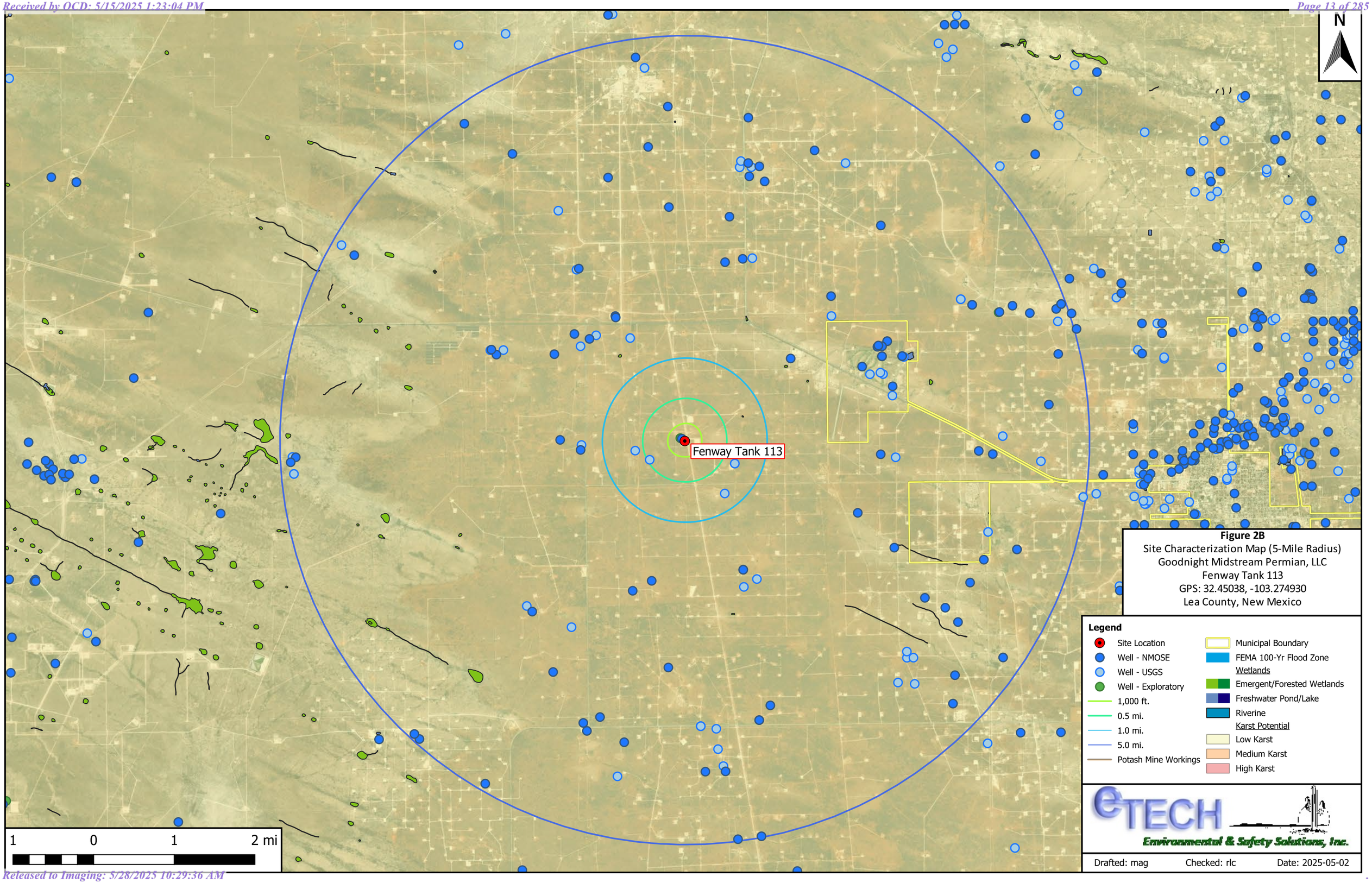

Figure 2B
Site Characterization Map (5-Mile Radius)
Goodnight Midstream Permian, LLC
Fenway Tank 113
GPS: 32.45038, -103.274930
Lea County, New Mexico

Legend

- Site Location
- Well - NMOSE
- Well - USGS
- Well - Exploratory
- 1,000 ft.
- 0.5 mi.
- 1.0 mi.
- 5.0 mi.
- Potash Mine Workings
- Municipal Boundary
- FEMA 100-Yr Flood Zone

Wetlands

- Emergent/Forested Wetlands
- Freshwater Pond/Lake
- Riverine

Karst Potential

- Low Karst
- Medium Karst
- High Karst

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Drafted: mag | Checked: rlc | Date: 2025-05-02

Figure 3
Sample Location Map

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Drafted: MAG | Checked: JWL | Date: 2025-05-05

Figure 3
Site and Sample Location Map
Goodnight Midstream Permian, LLC
Fenway CRP
GPS: 32.450348, -103.275252
Lea County, NM

25 0 25 50 ft

Legend

- SP Floor Sample
- CS Floor Sample
- CS Wall Sample
- Proposed Sample Location
- Potential Need for Deferral
- Release Area
- Excavated Area

N

Former Exceedance

Former Exceedance

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Fenway CRP
NMOCD Ref. #: nAPP2428552848

NMOCD Closure Criteria				**10**	**50**	**-**	**-**	**1,000**	**-**	**2,500**	**20,000**
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)**
SP-1	10/11/2024	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	2,000
SP-2	10/11/2024	1	Unknown	ND	ND	ND	1,110	**1,110**	52.1	**1,162**	18,000
SP-3	10/11/2024	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	1,470
SP-4	10/11/2024	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	3,960
SP-5	10/11/2024	1	In-Situ	ND	ND	34.7	ND	34.7	ND	34.7	4,400
SP-6	10/11/2024	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	11,600
SP-7	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	2,360
SP-8	10/11/2024	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	432
SP-9	10/11/2024	1	In-Situ	ND	ND	11.4	ND	11.4	ND	11.4	160
SP-10	10/11/2024	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	528
SP-11	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	1,800
SP-12	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	400
SP-13	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	8,400
SP-14	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	10,200
SP-15	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	528
SP-16	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	1,230
SP-16	10/21/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.0
SP-17	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	64.0
SP-17	10/21/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	256
SP-18	10/11/2024	1	Excavated	0.0530	0.597	ND	ND	ND	ND	ND	80.0
SP-18	10/21/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	32.0
SP-19	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	272
SP-19	10/21/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.0
SP-20	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	400
SP-21	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	128
SP-21	10/21/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	32.0
SP-22	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	48.0
SP-23	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	2,800
SP-24	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	8,000
SP-25	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	7,680
SP-26	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	2,480
SP-27	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	1,760
SP-28	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	2,960
SP-29	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	3,680
SP-30	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	3,800
SP-30	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	496
SP-31	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	7,440
SP-31	10/21/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	208
SP-32	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	4,080
SP-32	10/21/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
SP-33	10/11/2024	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	6,160

Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Fenway CRP
NMOCD Ref. #: nAPP2428552848

NMOCD Closure Criteria				**10**	**50**	**-**	**-**	**1,000**	**-**	**2,500**	**20,000**
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)**
SP-33	10/21/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	240
SP-34	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	5,760
SP-34	10/21/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
SP-35	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	4,800
SP-36	10/11/2024	1	Excavated	ND	ND	ND	ND	ND	ND	ND	2,400
SP-34A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	19.9
SP-35A	2/3/2025	2	Excavated	ND	ND	ND	ND	ND	ND	ND	46.4
SP-36A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	113
SP-37A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	ND
SP-38A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	40.8
SP-39A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	224
SP-40A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	52.2
SP-41A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	49.3
SP-42A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	21.9
SP-43A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	105
SP-44A	2/3/2025	2	Excavated	ND	ND	ND	ND	ND	ND	ND	271
SP-45A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	145
SP-46A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	20.5
SP-47A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	15.4
SP-48A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	18.9
SP-49A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	47.4
SP-50A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	19.4
SP-51A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	78.9
SP-52A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	130
SP-53A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	33.0
SP-54A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	17.4
SP-55A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	45.8
SP-56A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	310
SP-57A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	40.6
SP-58A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	128
SP-59A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	36.3
SP-60A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	30.1
SP-61A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	70.3
SP-62A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	33.1
SP-63A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	33.4
SP-64A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	28.8
SP-65A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	56.5
SP-66A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	19.1
SP-67A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	27.4
SP-68A	2/3/2025	2	Excavated	ND	ND	ND	ND	ND	ND	ND	19.8
SP-69A	2/3/2025	2	Excavated	ND	ND	ND	ND	ND	ND	ND	84.9

Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Fenway CRP
NMOCD Ref. #: nAPP2428552848

NMOCD Closure Criteria				**10**	**50**	**-**	**-**	**1,000**	**-**	**2,500**	**20,000**
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)**
SP-70A	2/3/2025	2	Excavated	ND	ND	ND	ND	ND	ND	ND	21.4
SP-71A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	15.6
SP-72A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	18.9
SP-73A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	26.1
SP-74A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	32.0
SP-75A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	61.4
SP-76A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	13.2
SP-77A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	23.8
SP-78A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	224
SP-79A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	14.7
SP-80A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	14.9
SP-81A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	44.3
SP-82A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	16.9
SP-83A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	13.6
SP-84A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	22.4
SP-85A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	11.7
SP-86A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	50.9
SP-87A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	17.9
SP-88A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	47.6
SP-89A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	0.00
SP-90A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	12.6
SP-91A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	42.5
SP-92A	2/3/2025	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	10.4
CS-1	11/15/2024	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	32.0
CS-1	11/15/2024	East Wall	In-Situ	ND	ND	ND	56.1	56.1	ND	56.4	240
CS-1	11/15/2024	North Wall	In-Situ	ND	ND	ND	92.6	92.6	ND	92.6	208
CS-2	11/15/2024	3	Excavated	ND	ND	ND	ND	ND	ND	ND	ND
CS-2	11/15/2024	North Wall	Excavated	ND	ND	ND	103	103	ND	103	224
CS-2	12/10/2024	North Wall Advanced	In-Situ	ND	ND	ND	ND	ND	ND	ND	16.0
CS-2	11/15/2024	West Wall	In-Situ	ND	ND	ND	94.3	94.3	ND	94.3	208
CS-3	11/15/2024	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	32.0
CS-3	11/15/2024	East Wall	In-Situ	ND	ND	ND	69.4	69.4	ND	69.4	176
CS-3	11/15/2024	South Wall	In-Situ	ND	ND	ND	102	102	ND	102	208
CS-4	11/15/2024	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	16.0
CS-4	11/15/2024	South Wall	In-Situ	ND	ND	ND	76.2	76.2	ND	76.2	224
CS-4	11/15/2024	West Wall	Excavated	ND	ND	ND	121	121	ND	121	240
CS-4	12/10/2024	West Wall Advanced	In-Situ	ND	ND	ND	ND	ND	ND	ND	32.0
CS-5	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	400
CS-5	11/15/2024	East Wall	In-Situ	ND	ND	24.9	ND	24.9	ND	24.9	192
CS-5	11/15/2024	South Wall	In-Situ	ND	ND	60.1	ND	60.1	ND	60.1	208
CS-5	11/15/2024	West Wall	In-Situ	ND	ND	37.1	ND	37.1	ND	37.1	192

Dash (-): Sample not analyzed for that constituent.
Bold: NMOCD Closure Criteria exceedance.
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Fenway CRP
NMOCD Ref. #: nAPP2428552848

NMOCD Closure Criteria				**10**	**50**	**-**	**-**	**1,000**	**-**	**2,500**	**20,000**
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)**
CS-6	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	336
CS-6	11/15/2024	East Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.0
CS-6	11/15/2024	West Wall	In-Situ	ND	ND	ND	67.3	67.3	ND	67.3	192
CS-7	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	288
CS-7	11/15/2024	East Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-7	11/15/2024	West Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.0
CS-8	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	96.0
CS-8	11/15/2024	East Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-8	11/15/2024	West Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-9	11/15/2024	2	In-Situ	ND	ND	ND	30.8	30.8	ND	30.8	176
CS-9	11/15/2024	East Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-10	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	128
CS-11	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	272
CS-11	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-12	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	320
CS-12	11/15/2024	East Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-12	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	96.0
CS-13	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	352
CS-13	11/15/2024	East Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	96.0
CS-14	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	336
CS-15	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	256
CS-15	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-15	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	96.0
CS-16	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	272
CS-16	11/15/2024	East Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-16	11/15/2024	West Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	96.0
CS-17	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	256
CS-17	11/15/2024	South Wall	In-Situ	ND	ND	ND	40.1	40.1	ND	40.1	208
CS-17	11/15/2024	West Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-18	11/15/2024	2	Excavated	ND	ND	ND	ND	ND	ND	ND	400
CS-18	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-18	11/15/2024	South Wall	In-Situ	ND	ND	ND	38.6	38.6	ND	38.6	192
CS-19	11/15/2024	2	Excavated	ND	ND	ND	531	531	ND	531	704
CS-19	12/10/2024	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.0
CS-19	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-20	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	336
CS-20	11/15/2024	North Wall	In-Situ	ND	ND	ND	62.0	62.0	ND	62.0	176
CS-20	11/15/2024	West Wall	In-Situ	ND	ND	ND	56.1	56.1	ND	56.1	144
CS-21	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	288
CS-22	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	208
CS-22	11/15/2024	South Wall	In-Situ	ND	ND	ND	76.0	76.0	ND	76.0	192

Dash (-): Sample not analyzed for that constituent.
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Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Fenway CRP
NMOCD Ref. #: nAPP2428552848

NMOCD Closure Criteria				**10**	**50**	**-**	**-**	**1,000**	**-**	**2,500**	**20,000**
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)**
CS-23	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	224
CS-23	11/15/2024	North Wall	Excavated	ND	ND	ND	182	182	ND	182	144
CS-23	12/10/2024	North Wall Advanced	In-Situ	ND	ND	ND	ND	ND	ND	ND	32.0
CS-24	11/15/2024	2	Excavated	ND	ND	ND	589	589	ND	589	304
CS-24	12/10/2024	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	32.0
CS-24	11/15/2024	South Wall	In-Situ	ND	ND	ND	43.4	43.4	ND	43.4	208
CS-25	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	368
CS-25	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-26	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	320
CS-26	11/15/2024	East Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.0
CS-27	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	400
CS-27	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-28	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	416
CS-29	11/15/2024	2	Excavated	<0.050	3.93	467	12,100	12,600	<50.0	**12,600**	432
CS-29	12/10/2024	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.0
CS-30	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	496
CS-30	11/15/2024	West Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-31	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	272
CS-32	11/15/2024	2	Excavated	ND	ND	ND	ND	ND	ND	ND	1,170
CS-32	12/10/2024	3	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.0
CS-32	11/15/2024	West Wall	In-Situ	ND	ND	ND	49.7	49.7	ND	49.7	160
CS-33	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	400
CS-33	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	400
CS-33	11/15/2024	East Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-34	11/15/2024	2	In-Situ	ND	ND	ND	24.3	24.3	ND	24.3	192
CS-34	11/15/2024	East Wall	In-Situ	ND	ND	ND	79.2	79.2	ND	79.2	208
CS-35	11/15/2024	2	In-Situ	ND	ND	ND	11.5	11.5	ND	11.5	192
CS-35	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.0
CS-36	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	192
CS-36	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.0
CS-36	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-37	11/15/2024	2	In-Situ	ND	ND	ND	42.4	42.4	ND	42.4	224
CS-37	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	96.0
CS-37	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-38	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	224
CS-38	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	96.0
CS-38	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	96.0
CS-39	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	336
CS-39	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-39	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-40	11/15/2024	4	Excavated	ND	ND	ND	ND	ND	ND	ND	720

Dash (-): Sample not analyzed for that constituent.
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Red Border with Shading: Highest observed concentration.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
Goodnight Midstream Permian, LLC
Fenway CRP
NMOCD Ref. #: nAPP2428552848

NMOCD Closure Criteria				**10**	**50**	**-**	**-**	**1,000**	**-**	**2,500**	**20,000**
NMOCD Reclamation Standard				**10**	**50**	**-**	**-**	**-**	**-**	**100**	**600**
				SW 846 8021B		**SW 846 8015M Ext.**					**4500 Cl**
Sample ID	**Date**	**Depth (Feet)**	**Soil Status**	**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)**
CS-40	12/10/2024	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	16.0
CS-40	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	96.0
CS-40	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-41	11/15/2024	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-41	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-41	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-42	11/15/2024	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	48.0
CS-42	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-42	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-43	11/15/2024	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	192
CS-43	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	96.0
CS-43	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-43	11/15/2024	West Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-44	11/15/2024	4	In-Situ	ND	ND	ND	16.0	ND	ND	16.0	336
CS-44	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-44	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-45	11/15/2024	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	560
CS-45	11/15/2024	East Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-45	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-45	11/15/2024	West Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-46	11/15/2024	4	In-Situ	ND	ND	ND	ND	ND	ND	ND	480
CS-46	11/15/2024	East Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-46	11/15/2024	North Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
CS-46	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-47	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	192
CS-48	11/15/2024	2	In-Situ	ND	ND	ND	ND	ND	ND	ND	592
CS-49	11/15/2024	2	In-Situ	ND	ND	ND	36.5	36.5	ND	36.5	208
CS-49	11/15/2024	East Wall	In-Situ	ND	ND	ND	58.2	58.2	ND	58.2	144
CS-49	11/15/2024	North Wall	In-Situ	ND	ND	ND	35.6	35.6	ND	35.6	160
CS-49	11/15/2024	South Wall	In-Situ	ND	ND	ND	ND	ND	ND	ND	64.0
CS-50	11/15/2024	2	In-Situ	ND	ND	ND	50.5	50.5	ND	50.5	160
CS-50	11/15/2024	North Wall	In-Situ	ND	ND	ND	75.3	75.3	ND	75.3	240
CS-50	11/15/2024	South Wall	In-Situ	ND	ND	ND	18.5	18.5	ND	18.5	64.0
BG#1	11/15/2024	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	80.0
BG#2	11/15/2024	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	160
BG#3	11/15/2024	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	192
BG#4	11/15/2024	1	In-Situ	ND	ND	ND	ND	ND	ND	ND	192

Dash (-): Sample not analyzed for that constituent.
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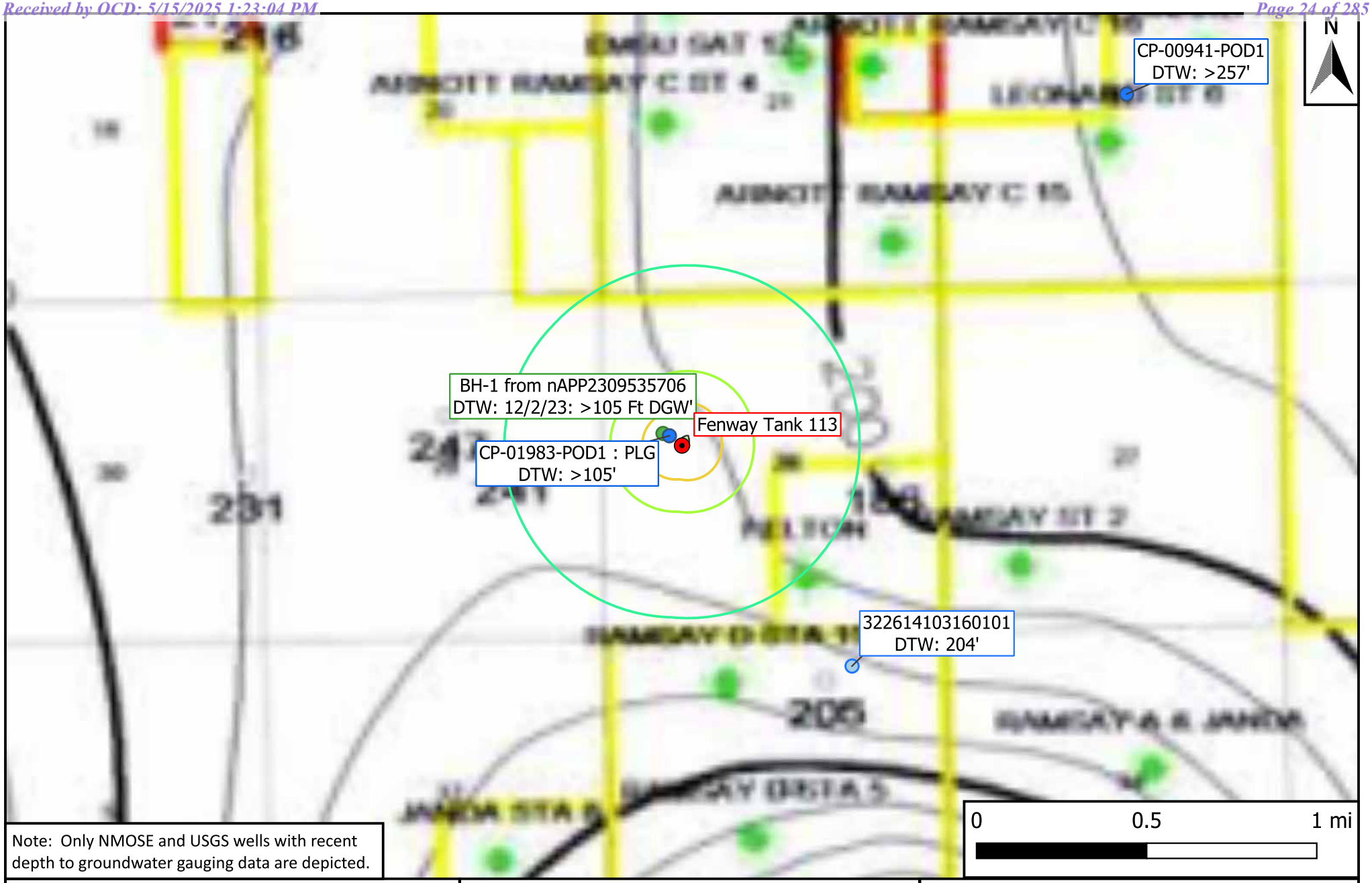
Red: NMOCD Reclamation Standard exceedance.
Red Border with Shading: Highest observed concentration.

Appendix A
Depth to Groundwater Information



Note: Only NMOSE and USGS wells with recent depth to groundwater gauging data are depicted.

Legend

- Active Site Locations
- Well - NMOSE
- Well - USGS
- Well - Exploratory
- Affected Area
- 500 ft.
- 1,000 ft.
- 0.5 mi.

Figure 4
Inferred Depth to Groundwater Map
Goodnight Midstream Permian, LLC
Fenway Tank 113
GPS: 32.45038, -103.274930
Lea County, New Mexico

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: rlc Date: 2025-05-02

Environmental & Safety Solutions, Inc.

Soil Boring/Temporary Monitor Well BH-1

Company: Goodnight Midstream Permian, LLC	**Well/Borehole ID:** BH-1	**Drilling Company:** H&R Enterprises, LLC
Site: Fenway Tank 113	**Coordinates (NAD 83):** 32.450909,-103.275875	**Driller:** Nathan Smelcer
NMOCD Reference #: nAPP2309535706	**Drilling Date:** 11/29/2023	**Drilling Method:** Air Rotary
Location: Lea Co., NM	**Depth of Boring (ft):** 105	**Logged By:** Nathan Smelcer
PLSS: U/L "E", Sec. 28, T21S, R36E	**Depth to Groundwater (ft):** >105	**Drafted By:** Ben J. Arguijo
	Plugging Date: 12/4/2023	**Draft Date:** 12/7/2023
Completion: N/A	**Casing:** 2" PVC	**Screen:** 0.020" Slotted

Comments: The borehole was advanced in the NW corner of the Fenway CRP production pad.

Depth (ft)	Groundwater	Lithology	Material Description	Petroleum Odor	Petroleum Stain	PID Reading
0						
0			Caliche	N	N	-
5				N	N	-
10				N	N	-
15			Red clay	N	N	-
20			Caliche with red sand	N	N	-
25				N	N	-
30				N	N	-
35				N	N	-
40			Red sandstone	N	N	-
45				N	N	-
50				N	N	-
55				N	N	-
60				N	N	-
65				N	N	-
70				N	N	-
75			Beige/tan sandstone	N	N	-
80				N	N	-
85				N	N	-
90				N	N	-
95				N	N	-
100				N	N	-
105				N	N	-
110			Notes: • Lines between material types represent approximate boundaries. Actual transitions may be gradual. • The exploratory soil boring was left open for over 72 hours. No indications of inflow and/or accumulation of water were noted during the advancement of the soil boring or prior to plugging and abandonment.			
115						

Disclaimer This bore log is intended for environmental not geotechnical purposes.

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	CP 01983 POD1	SE	SW	NW	28	21S	36E	662091.5	3591715.0	

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

Driller License:	1862	**Driller Company:**	H&R ENTERPRISES, LLC		
Driller Name:	HAWLEY, JAMES CODYELALL OFF				
Drill Start Date:	2023-11-29	**Drill Finish Date:**	2023-11-29	**Plug Date:**	
Log File Date:	2023-12-06	**PCW Rcv Date:**		**Source:**	
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	105	**Depth Water:**	

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.): Pod 1	WELL TAG ID NO.:	OSE FILE NO(S.): CP-01983
WELL OWNER NAME(S): Goodnight Midstream Permian, LLC		PHONE (OPTIONAL):
WELL OWNER MAILING ADDRESS: 6309 Indiana Ave. Ste. D		CITY: Lubbock STATE: TX ZIP: 79413

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	27	2.9	N
	LONGITUDE	-103	16	32.0	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
11/29/23	11/29/23	105'	105'	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

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'	105'	6"	No casing left in hole				

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
			N/A		

OSE DII DEC 5 2023 AM 11:34

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. CP-1983	POD NO. 1	TRN NO. 752977	
LOCATION 21S.36E.28 431		WELL TAG ID NO. N/A	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	TO	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)
0'	15'	15"	caliche	Y ✓ N	
15'	20'	5'	red clay	Y ✓ N	
20'	40'	20'	caliche with red sand	Y ✓ N	
40'	75'	35'	red sandstone	Y ✓ N	
75'	105'	30'	beige/tan sandstone	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:
☐ PUMP ☐ AIR LIFT ☐ BAILER ☑ OTHER – SPECIFY: dry hole

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: Well was gauged for water on 12/4/23 , well bore was dry, temporary well casing was removed, bore hole was backfilled to 10' BGS with drill cuttings, then hydrated bentonite chips were poured from 10' BGS to surface.

OSE DII DEC 6 2023 AM11:34

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Nathan Smelcer

6. SIGNATURE

BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.

James Hawley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

12/4/23 — DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO. CP-1983	POD NO. 1	TRN NO. 752977	
LOCATION 21S.36E.28 431		WELL TAG ID NO.	PAGE 2 OF 2

Appendix B
Field Data

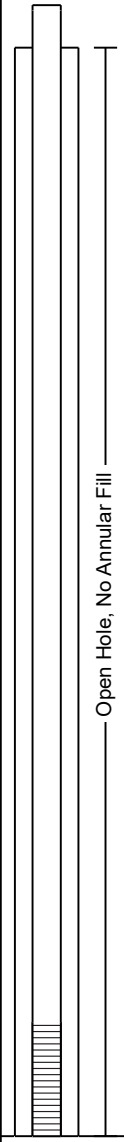
Environmental & Safety Solutions, Inc.

Soil Boring/Temporary Monitor Well BH-1

Company: Goodnight Midstream Permian, LLC	**Well/Borehole ID:** BH-1	**Drilling Company:** H&R Enterprises, LLC
Site: Fenway Tank 113	**Coordinates (NAD 83):** 32.450909,-103.275875	**Driller:** Nathan Smelcer
NMOCD Reference #: nAPP2309535706	**Drilling Date:** 11/29/2023	**Drilling Method:** Air Rotary
Location: Lea Co., NM	**Depth of Boring (ft):** 105	**Logged By:** Nathan Smelcer
PLSS: U/L "E", Sec. 28, T21S, R36E	**Depth to Groundwater (ft):** >105	**Drafted By:** Ben J. Arguijo
	Plugging Date: 12/4/2023	**Draft Date:** 12/7/2023
Completion: N/A	**Casing:** 2" PVC	**Screen:** 0.020" Slotted

Comments: The borehole was advanced in the NW corner of the Fenway CRP production pad.

Depth (ft)	Groundwater	Lithology	Material Description	Petroleum Odor	Petroleum Stain	PID Reading
0						
5			Caliche	N	N	-
10				N	N	-
15				N	N	-
20			Red clay	N	N	-
25			Caliche with red sand	N	N	-
30				N	N	-
35				N	N	-
40				N	N	-
45			Red sandstone	N	N	-
50				N	N	-
55				N	N	-
60				N	N	-
65				N	N	-
70				N	N	-
75				N	N	-
80			Beige/tan sandstone	N	N	-
85				N	N	-
90				N	N	-
95				N	N	-
100				N	N	-
105				N	N	-
110			Notes: • Lines between material types represent approximate boundaries. Actual transitions may be gradual. • The exploratory soil boring was left open for over 72 hours. No indications of inflow and/or accumulation of water were noted during the advancement of the soil boring or prior to plugging and abandonment.			
115						



Disclaimer This bore log is intended for environmental not geotechnical purposes.

Appendix C
Photographic Log

Goodnight Midstream Permian, LLC
Fenway Facility

Leak Source

Impacted area, containment exterior

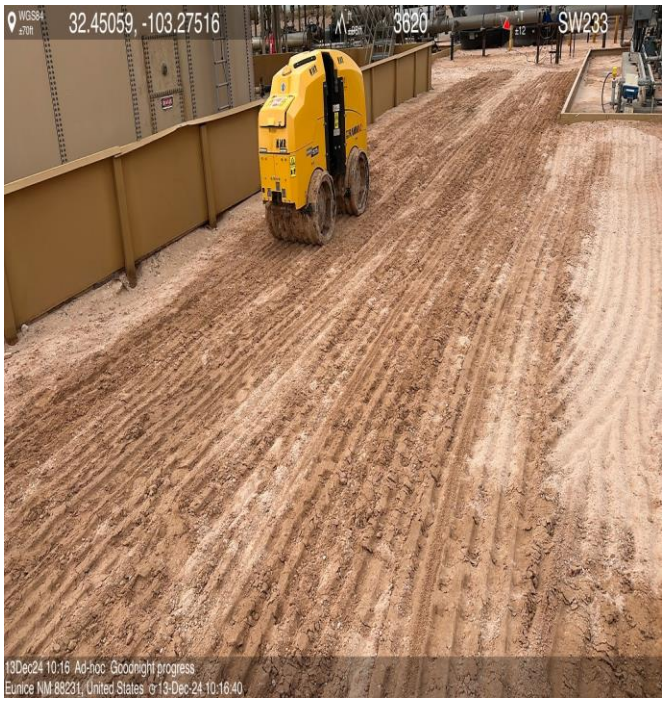
Aerial view of Impact

Aerial of Excavation East

Goodnight Midstream Permian, LLC
Fenway Facility

Excavation west side pad

Impacted area, containment exterior



Compaction exterior containment

Pad area backfilled-compacted to grade

Appendix D
Laboratory Analytical Reports

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 23, 2024

PHILLIP SANDERS

NIGHTHAWK ENVIRONMENTAL

203 W WALL, #514

MIDLAND, TX 79701

RE: GOODNIGHT HOSE RUPTURE

Enclosed are the results of analyses for samples received by the laboratory on 10/22/24 16:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 1 (H246449-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2000**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *135 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 2 (H246449-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**18000**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2024	ND	233	117	200	1.55	
DRO >C10-C28*	**1110**	10.0	10/22/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	**52.2**	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane *121 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *294 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 3 (H246449-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1470**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane *122 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *146 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 4 (H246449-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3960**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 5 (H246449-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4400**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**34.7**	10.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *117 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 6 (H246449-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**11600**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *136 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 7 (H246449-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2360**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *124 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *145 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 8 (H246449-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *129 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 9 (H246449-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**11.4**	10.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.4 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 10 (H246449-10)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**528**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	233	117	200	1.55	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *127 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 11 (H246449-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1800**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	233	117	200	1.55	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *124 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 12 (H246449-12)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *113 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *131 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 13 (H246449-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8400**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *120 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *138 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 14 (H246449-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/22/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**10200**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *131 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 15 (H246449-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/23/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**528**	16.0	10/23/2024	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	233	117	200	1.55	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *128 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 16 (H246449-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/23/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1230**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *116 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *130 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 17 (H246449-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/23/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *120 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *136 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 18 (H246449-18)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.053**	0.050	10/23/2024	ND	2.10	105	2.00	2.76	
Toluene*	**0.360**	0.050	10/23/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	**0.068**	0.050	10/23/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.42	107	6.00	8.92	
Total BTEX	**0.597**	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 19 (H246449-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/23/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *124 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *142 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 20 (H246449-20)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.10	105	2.00	2.76	
Toluene*	<0.050	0.050	10/23/2024	ND	2.09	104	2.00	6.47	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	108	2.00	7.79	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.42	107	6.00	8.92	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: HM**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	233	117	200	1.55	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	209	104	200	1.28	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *114 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *130 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 21 (H246449-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/22/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/22/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane *93.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.2 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 22 (H246449-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/22/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/22/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane *90.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.6 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 23 (H246449-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/22/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2800**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/22/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/22/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/22/2024	ND					

Surrogate: 1-Chlorooctane *98.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 24 (H246449-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/22/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8000**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 25 (H246449-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/22/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7680**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 26 (H246449-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/22/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2480**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 27 (H246449-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/22/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1760**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *112 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 28 (H246449-28)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/22/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/22/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/22/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2960**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *115 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *122 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 29 (H246449-29)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/23/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3680**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *126 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 30 (H246449-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/23/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3800**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 31 (H246449-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/23/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7440**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 32 (H246449-32)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/23/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4080**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *120 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 33 (H246449-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/23/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6160**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 34 (H246449-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/23/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5760**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	204	102	200	4.34	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *91.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.3 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 35 (H246449-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/23/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4800**	16.0	10/23/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *111 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/22/2024	Sampling Date:	10/11/2024
Reported:	10/23/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP - 36 (H246449-36)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	2.14	107	2.00	0.180	
Toluene*	<0.050	0.050	10/23/2024	ND	2.21	110	2.00	0.952	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	2.17	109	2.00	1.33	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	6.72	112	6.00	1.63	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2400**	16.0	10/23/2024	ND	432	108	400	0.00	QM-07

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<20.0	20.0	10/23/2024	ND	204	102	200	4.34	R-07
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	207	103	200	5.30	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
R-07	The Reporting Limit for this analyte has been raised to account for target analyte concentration in the solvent.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Nighthawk Environmental Services
Project Manager:	Phillip Sanders
Address:	201 W Wall #802
City:	Midland State: TX Zip: 79701
Phone #:	210-906-3551 Fax #:
Project #:	Project Owner:
Project Name:	Goodnight Hose Rupture
Project Location:	Lea County
Sampler Name:	D. Sanders

BILL TO

P.O. #:	
Company:	Goodnight midstream
Attn:	Ralph Tiserina
Address:	598 N. Central Expressway Suite 300
City:	Dallas
State:	TX Zip: 75206
Phone #:	214-347-4450
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	CL	BTEX	TPH
H246449																	
1	SP-1										X		10/11/24	8:00 Am	X	X	X
2	SP-2										X		10/11/24	8:10 Am	X	X	X
3	SP-3										X		10/11/24	8:20 Am	X	X	X
4	SP-4										X		10/11/24	8:30 Am	X	X	X
5	SP-5										X		10/11/24	8:40 Am	X	X	X
6	SP-6										X		10/11/24	8:50 Am	X	X	X
7	SP-7										X		10/11/24	9:00 Am	X	X	X
8	SP-8										X		10/11/24	9:10 Am	X	X	X
9	SP-9										X		10/11/24	9:20 Am	X	X	X
10	SP-10										X		10/11/24	9:30 Am	X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: D. Sanders	Date: 10-22-24 Time: 1031	Received By: S Rodriguez	
Relinquished By:	Date: Time:	Received By:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.0 Corrected Temp. °C 1.4	Sample Condition: Cool Yes / Intact Yes	CHECKED BY: (Initials) SR

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: SDeshaun925@gmail.com
michaelalves@alvesoilfieldsolutioons.org / deshaun@alvesoilfieldsolutions.org
REMARKS: 24 HR
Turnaround Time: Standard ☐ Rush ☑ #140
Thermometer ID #113 Correction Factor -0.5°C
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C -0.1 Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Nighthawk Environmental Services
Project Manager:	Phillip Sanders
Address:	201 w. Wall # 802
City:	Midland State: TX Zip: 79701
Phone #:	210-906-3551 Fax #:
Project #:	Project Owner:
Project Name:	Goodnight Hose Rupture
Project Location:	Lea County
Sampler Name:	D. Sanders

BILL TO

P.O. #:	
Company:	Goodnight midstream
Attn:	RalPh Jisorina
Address:	5910 N Central Expressway Suite 800
City:	Dallas
State:	TX Zip: 75206
Phone #:	214-347-4450
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	CL	BTEX	TPH
H34449																	
11	SP-11										X		10/11/24	9:40 AM	X	X	X
12	SP-12										X		10/11/24	9:50 AM	X	X	X
13	SP-13										X		10/11/24	10:00 AM	X	X	X
14	SP-14										X		10/11/24	10:10 AM	X	X	X
15	SP-15										X		10/11/24	10:20 AM	X	X	X
16	SP-16										X		10/11/24	10:30 AM	X	X	X
17	SP-17										X		10/11/24	10:40 AM	X	X	X
18	SP-18										X		10/11/24	10:50 AM	X	X	X
19	SP-19										X		10/11/24	11:00 AM	X	X	X
20	SP-20										X		10/11/24	11:10 AM	X	X	X

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Relinquished By: D. Sanders	Date: 10.22.24 Time: 1031	Received By: Brooke Grieg	
Relinquished By:	Date: Time:	Received By:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 20.0 Corrected Temp. °C 19.4	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials) SR

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: 5Deshawn925@gmail.com
michaelalves@alvesoilfieldsolutioons.org / deshaun@alvesoilfieldsolutions.org
REMARKS: 24 HR
Turnaround Time: #140 Standard ☐ Rush
Thermometer ID #113 Correction Factor -0.5°C
Bacteria (only) Sample Condition: Cool: Yes / No Intact: Yes / No
Observed Temp. °C -0.6
Corrected Temp. °C

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	NightHawk Environmental Services
Project Manager:	Phillip Sanders
Address:	207 W Wall # 802
City:	Midland State: TX Zip: 79701
Phone #:	210-906-3551 Fax #:
Project #:	Project Owner:
Project Name:	Goodnight Hose Rupture
Project Location:	Lea County
Sampler Name:	D. Sanders

BILL TO

P.O. #:	
Company:	Goodnight Midstream
Attn:	Ralph Pickering
Address:	5910 N Central Expressway Suite 800
City:	Dallas
State:	TX Zip: 75206
Phone #:	214-347-4450
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	Cl	BTEX	TPH
H246449																	
21	Sp 21	G	1			X					X		10/11/24	11:20	X	X	X
22	Sp 22	G	1			X					X		10/11/24	11:30	X	X	X
23	Sp 23	G	1			X					X		10/11/24	11:40	X	X	X
24	Sp 24	G	1			X					X		10/11/24	11:50	X	X	X
25	Sp 25	G	1			X					X		10/11/24	12:00	X	X	X
26	Sp 26	G	1			X					X		10/11/24	12:10	X	X	X
27	Sp 27	G	1			X					X		10/11/24	12:20	X	X	X
28	Sp 28	G	1			X					X		10/11/24	12:30	X	X	X
29	Sp 29	G	1			X					X		10/11/24	12:40	X	X	X
30	Sp 30	G	1			X					X		10/11/24	12:50	X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: D. Sanders	Date: 10-22-24 Time: 1031	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: SDeshazo925@gmail.com
			REMARKS: 24 HR

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Observed Temp. °C 2.0 Corrected Temp. °C 1.4

Sample Condition: Cool Yes / Intact Yes — Cool No / Intact No

CHECKED BY: (Initials) SR

Turnaround Time: #140 Standard ☐ Rush ☐

Thermometer ID #113 Correction Factor -0.5°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No / Intact ☐ Yes ☐ No

Observed Temp. °C 0.0 Corrected Temp. °C

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Night hawk environmental
Project Manager:	phillip sanders
Address:	202 w wall #802
City:	Midland State: tx Zip: 79701
Phone #:	210-906-3551 Fax #:
Project #:	Project Owner:
Project Name:	goodnight Hose Rupture
Project Location:	lea county
Sampler Name:	D. Sanders

BILL TO

P.O. #:	
Company:	goodnight midstream
Attn:	Ralph Hijerina
Address:	5910 n Central expressway suite 800
City:	Dallas
State:	tx Zip: 75206
Phone #:	219-347-4450
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	CL	Otex	TPH
H240449																	
31	Sp31	G	1			X					X		10/4/24	1:00	X	X	X
32	sp32	G	1			X					X		10/11/24	1:10	X	X	X
33	sp33	G	1			X					X		10/11/24	1:20	X	X	X
34	sp34	G	1			X					X		10/11/24	1:30	X	X	X
35	Sp35												10.11.24		X	X	X
36	Sp36												1		X	X	X

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Relinquished By:	Date: 10-22-24	Received By:	
D. Sanders	Time: 1031		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address: Deshaun925@gmail.com

~~michaelalves@alvesoilfieldsolutioons.org~~ / deshaun@alvesoilfieldsolutions.org

REMARKS: 24 HR *samples 35 + 36 added per customer Shodrigue 10.22-24

Turnaround Time: Standard ☐ Rush ☑ #140

Thermometer ID #113 Correction Factor -0.5°C 0.6

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No

Observed Temp. °C

Corrected Temp. °C

Delivered By: (Circle One)	Observed Temp. °C	Corrected Temp. °C	Sample Condition: Cool	Intact	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	2.0	1.4	☐ Yes ☐ No	☐ Yes ☐ No	SR

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

October 24, 2024

PHILLIP SANDERS

NIGHTHAWK ENVIRONMENTAL

203 W WALL, #514

MIDLAND, TX 79701

RE: GOODNIGHT HOSE RUPTURE

Enclosed are the results of analyses for samples received by the laboratory on 10/23/24 16:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/23/2024	Sampling Date:	10/21/2024
Reported:	10/24/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP 16 @ 2' (H246462-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	1.84	92.1	2.00	3.29	
Toluene*	<0.050	0.050	10/23/2024	ND	1.85	92.5	2.00	3.74	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	1.90	94.9	2.00	2.30	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	5.65	94.2	6.00	1.54	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	10/24/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	225	112	200	3.47	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	221	110	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *96.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/23/2024	Sampling Date:	10/21/2024
Reported:	10/24/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP 17 @ 2' (H246462-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	1.84	92.1	2.00	3.29	
Toluene*	<0.050	0.050	10/23/2024	ND	1.85	92.5	2.00	3.74	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	1.90	94.9	2.00	2.30	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	5.65	94.2	6.00	1.54	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	10/24/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	225	112	200	3.47	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	221	110	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/23/2024	Sampling Date:	10/21/2024
Reported:	10/24/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP 18 @ 2' (H246462-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	1.84	92.1	2.00	3.29	
Toluene*	<0.050	0.050	10/23/2024	ND	1.85	92.5	2.00	3.74	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	1.90	94.9	2.00	2.30	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	5.65	94.2	6.00	1.54	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/24/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	225	112	200	3.47	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	221	110	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/23/2024	Sampling Date:	10/21/2024
Reported:	10/24/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP 19 @ 2' (H246462-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	1.84	92.1	2.00	3.29	
Toluene*	<0.050	0.050	10/23/2024	ND	1.85	92.5	2.00	3.74	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	1.90	94.9	2.00	2.30	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	5.65	94.2	6.00	1.54	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	10/24/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	225	112	200	3.47	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	221	110	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/23/2024	Sampling Date:	10/21/2024
Reported:	10/24/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP 21 @ 2' (H246462-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	1.84	92.1	2.00	3.29	
Toluene*	<0.050	0.050	10/23/2024	ND	1.85	92.5	2.00	3.74	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	1.90	94.9	2.00	2.30	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	5.65	94.2	6.00	1.54	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	10/24/2024	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	225	112	200	3.47	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	221	110	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/23/2024	Sampling Date:	10/21/2024
Reported:	10/24/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP 31 @ 2' (H246462-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	1.84	92.1	2.00	3.29	
Toluene*	<0.050	0.050	10/23/2024	ND	1.85	92.5	2.00	3.74	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	1.90	94.9	2.00	2.30	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	5.65	94.2	6.00	1.54	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	10/24/2024	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	225	112	200	3.47	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	221	110	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *97.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/23/2024	Sampling Date:	10/21/2024
Reported:	10/24/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP 32 @ 2' (H246462-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	1.84	92.1	2.00	3.29	
Toluene*	<0.050	0.050	10/23/2024	ND	1.85	92.5	2.00	3.74	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	1.90	94.9	2.00	2.30	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	5.65	94.2	6.00	1.54	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	10/24/2024	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	225	112	200	3.47	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	221	110	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *99.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/23/2024	Sampling Date:	10/21/2024
Reported:	10/24/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP 33 @ 2' (H246462-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	1.84	92.1	2.00	3.29	
Toluene*	<0.050	0.050	10/23/2024	ND	1.85	92.5	2.00	3.74	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	1.90	94.9	2.00	2.30	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	5.65	94.2	6.00	1.54	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	10/24/2024	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/23/2024	ND	225	112	200	3.47	
DRO >C10-C28*	<10.0	10.0	10/23/2024	ND	221	110	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/23/2024	ND					

Surrogate: 1-Chlorooctane *91.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	10/23/2024	Sampling Date:	10/21/2024
Reported:	10/24/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: SP 34 @ 2' (H246462-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2024	ND	1.84	92.1	2.00	3.29	
Toluene*	<0.050	0.050	10/23/2024	ND	1.85	92.5	2.00	3.74	
Ethylbenzene*	<0.050	0.050	10/23/2024	ND	1.90	94.9	2.00	2.30	
Total Xylenes*	<0.150	0.150	10/23/2024	ND	5.65	94.2	6.00	1.54	
Total BTEX	<0.300	0.300	10/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	10/24/2024	ND	464	116	400	3.51	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2024	ND	225	112	200	3.47	
DRO >C10-C28*	<10.0	10.0	10/24/2024	ND	221	110	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	10/24/2024	ND					

Surrogate: 1-Chlorooctane *95.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Night hawk environmental services
Project Manager:	phillip sanders
Address:	202 w wall #302
City:	midland State: tx Zip: 79701
Phone #:	210-906-3557 Fax #:
Project #:	Project Owner:
Project Name:	goodnight Hose Rupture
Project Location:	lea county
Sampler Name:	D. sanders

BILL TO

P.O. #:	
Company:	Goodnight Midstream
Attn:	Ralph tiverina
Address:	5910 n central expressway suite 300
City:	Dallas
State:	tx Zip:
Phone #:	219-347-4450
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL ✓	OTHER:	SAMPLING DATE	SAMPLING TIME	CL	PTX	TPH
H24444 02																	
1	SP16 @ 2'	G	1			X					X		10/21/24	8:00	X	X	X
2	SP17 @ 2'	G	1			X					X		10/21/24	8:10	X	X	X
3	SP18 @ 2'	G	1			X					X		10/21/24	8:20	X	X	X
4	SP19 @ 2'	G	1			X					X		10/21/24	8:30	X	X	X
5	SP20 @ 2'	G	1			X					X		10/21/24	8:40	X	X	X
6	SP21 @ 2'	G	1			X					X		10/21/24	8:50	X	X	X
7	SP22 @ 2'	G	1			X					X		10/21/24	9:00	X	X	X
8	SP23 @ 2'	G	1			X					X		10/21/24	9:10	X	X	X
9	SP24 @ 2'	G	1			X					X		10/21/24	9:20	X	X	X

Relinquished By:	Date: 10.23.24	Received By:	
	Time: 1620		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

sdeshawn925@gmail.com

REMARKS:

Delivered By: (Circle One)	Observed Temp. °C 2.3	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☐ Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C 1.7	☑ Yes ☑ Yes ☐ No ☐ No	AD	Thermometer ID #113 #140 Correction Factor -0.5°C 0.6

Bacteria (only) Sample Condition: Cool ☑ Intact ☐ Yes ☐ No — Observed Temp. °C 24hrs — Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 22, 2024

PHILLIP SANDERS

NIGHTHAWK ENVIRONMENTAL

203 W WALL, #514

MIDLAND, TX 79701

RE: GOODNIGHT HOSE RUPTURE

Enclosed are the results of analyses for samples received by the laboratory on 11/18/24 16:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 1 (H247031-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/19/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *98.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 2 (H247031-02)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/19/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 3 (H247031-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	11/19/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 4 (H247031-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	11/19/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 5 (H247031-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	11/19/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *90.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 6 (H247031-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	11/19/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.2 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 7 (H247031-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	11/19/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *99.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.2 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 8 (H247031-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/19/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.4 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 9 (H247031-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	11/19/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	**30.8**	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.1 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 10 (H247031-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	11/19/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.9 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 11 (H247031-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	11/19/2024	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.3 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 12 (H247031-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *76.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *65.0 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 13 (H247031-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *78.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *66.7 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 14 (H247031-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 15 (H247031-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *90.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 16 (H247031-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *99.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 17 (H247031-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.8 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 18 (H247031-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *93.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.6 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 19 (H247031-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.72	86.0	2.00	12.8	
Toluene*	<0.050	0.050	11/19/2024	ND	1.77	88.5	2.00	12.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.77	88.3	2.00	11.8	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.24	87.4	6.00	11.6	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**704**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	**531**	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.6 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 20 (H247031-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	QR-03
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	QR-03
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	QR-03
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	97.2	200	1.94	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	192	95.8	200	0.978	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *99.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.1 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 21 (H247031-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *80.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.9 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 22 (H247031-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *83.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 23 (H247031-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *81.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.6 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 24 (H247031-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	**589**	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *82.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 25 (H247031-25)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *74.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 26 (H247031-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *123 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *82.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 27 (H247031-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *81.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.0 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 28 (H247031-28)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *83.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.9 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 29 (H247031-29)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/20/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	**0.165**	0.050	11/20/2024	ND	2.07	104	2.00	15.2	GC-NC1
Total Xylenes*	**3.77**	0.150	11/20/2024	ND	6.25	104	6.00	16.4	
Total BTEX	**3.93**	0.300	11/20/2024	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID *194 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**467**	50.0	11/20/2024	ND	203	101	200	0.103	
DRO >C10-C28*	**12100**	50.0	11/20/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<50.0	50.0	11/20/2024	ND					

Surrogate: 1-Chlorooctane *561 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *211 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 30 (H247031-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**496**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *73.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.1 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 31 (H247031-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *73.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.0 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 32 (H247031-32)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1170**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *80.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.1 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 33 (H247031-33)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *82.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.2 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 34 (H247031-34)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	**24.3**	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *82.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 35 (H247031-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	**11.5**	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *87.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 36 (H247031-36)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *75.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 37 (H247031-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	**42.4**	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *87.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.3 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 38 (H247031-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *83.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.6 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 39 (H247031-39)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.86	93.2	2.00	3.76	
Toluene*	<0.050	0.050	11/19/2024	ND	1.91	95.5	2.00	11.2	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.07	104	2.00	15.2	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.25	104	6.00	16.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *80.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.9 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 40 (H247031-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**720**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	203	101	200	0.103	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	181	90.7	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *81.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.3 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 41 (H247031-41)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *90.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.9 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 42 (H247031-42)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.5 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 43 (H247031-43)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *123 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 44 (H247031-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**336**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**16.0**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 45 (H247031-45)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *121 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.1 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 46 (H247031-46)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**480**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 47 (H247031-47)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 48 (H247031-48)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**592**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 49 (H247031-49)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**36.5**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 50 (H247031-50)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**50.5**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 1 EAST WALL (H247031-51)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**56.1**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 1 NORTH WALL (H247031-52)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**92.6**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 2 NORTH WALL (H247031-53)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**103**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 2 WEST WALL (H247031-54)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**94.3**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 3 SOUTH WALL (H247031-55)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**102**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *120 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 3 EAST WALL (H247031-56)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**69.4**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 4 SOUTH WALL (H247031-57)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**76.2**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 4 WEST WALL (H247031-58)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**121**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 20 NORTH WALL (H247031-59)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.21	110	2.00	0.611	
Toluene*	<0.050	0.050	11/19/2024	ND	2.18	109	2.00	0.593	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.30	115	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.74	112	6.00	3.09	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**62.0**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *98.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.8 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 20 WEST WALL (H247031-60)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	199	99.4	200	2.01	
DRO >C10-C28*	**56.1**	10.0	11/19/2024	ND	182	91.1	200	2.81	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *108 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 22 SOUTH WALL (H247031-61)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	**76.0**	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *86.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.8 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 23 NORTH WALL (H247031-62)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	**182**	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *91.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.1 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 24 SOUTH WALL (H247031-63)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	**43.4**	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *78.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *68.0 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 25 NORTH WALL (H247031-64)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *94.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.5 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 26 EAST WALL (H247031-65)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *91.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.0 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 27 NORTH WALL (H247031-66)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *89.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 9 EAST WALL (H247031-67)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *93.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 30 WEST WALL (H247031-68)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *95.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 13 EAST WALL (H247031-69)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/20/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *96.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 12 EAST WALL (H247031-70)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *91.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.5 %* *49.1-148*

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Night hawk environmental Services
Project Manager:	Phillip Sanders
Address:	202 W Wall St unit 802
City:	Midland State: TX Zip: 79701
Phone #:	210-906-3552 Fax #:
Project #:	Project Owner: Ralph Tiberine
Project Name:	Goodnight Hose Rupture
Project Location:	Lea County
Sampler Name:	D. Sanders

BILL TO

P.O. #:	
Company:	Goodnight midstream
Attn:	Ralph tiberine
Address:	5960 North Central Expressway Suite 800
City:	Dallas
State:	TX Zip: 75206
Phone #:	214-347-4450
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	CL	Btex	TPH
H247031																	
1	CS-1	C	1			X					X		11/15/24	9:50	X	X	X
2	CS-2	C	1			X					X		11/15/24	9:59	X	X	X
3	CS-3	C	1			X					X		11/15/24	9:56	X	X	X
4	CS-4	C	1			X					X		11/15/24	10:00	X	X	X
5	CS-5	C	1			X					X		11/15/24	11:55	X	X	X
6	CS-6	C	1			X					X		11/15/24	11:50	X	X	X
7	CS-7	C	1			X					X		11/15/24	10:15	X	X	X
8	CS-8	C	1			X					X		11/15/24	10:05	X	X	X
9	CS-9	C	1			X					X		11/15/24		X	X	X
10	CS-10	C	1			X					X		11/15/24	10:08	X	X	X

Relinquished By: D. Sanders	Date: 11-18-24 Time: 1018	Received By: S Rodriguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: SDeshaun925@gmail.com
			REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.4	Sample Condition Cool: Yes / ~~No~~ Intact: ~~Yes~~ / No	CHECKED BY: (Initials) SR	Turnaround Time: Standard ☑ Rush ☐
	Corrected Temp. °C 0.8			Thermometer ID ~~#113~~ #140 Correction Factor ~~0.5°C~~ -0.6

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Night Hawk environmental services
Project Manager:	phillip sanders
Address:	202 w wall St unit 802
City:	Midland State: TX Zip: 79701
Phone #:	210-906-3552 Fax #:
Project #:	Project Owner: Ralph Tidwell
Project Name:	goodnight Hose Rupture
Project Location:	lea county
Sampler Name:	D. Sanders

BILL TO

P.O. #:	
Company:	goodnight mid streams
Attn:	
Address:	5910 north central expressway suite 800
City:	Dallas
State:	TX Zip: 75206
Phone #:	214-347-4430
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	CL	Btex	TPH
H247031																	
11	CS-11	C	1			X					X		11/15/24	10:11	X	X	X
12	CS-12	C	1			X					X		11/15/24	10:15	X	X	X
13	CS-13	C	1			X					X		11/15/24	10:20	X	X	X
14	CS-14	C	1			X					X		11/15/24	10:25	X	X	X
15	CS-15	C	1			X					X		11/15/24	12:00	X	X	X
16	CS-16	C	1			X					X		11/15/24	12:03	X	X	X
17	CS-17	C	1			X					X		11/15/24	12:03	X	X	X
18	CS-18	C	1			X					X		11/15/24	12:05	X	X	X
19	CS-19	C	1			X					X		11/15/24	10:23	X	X	X
20	CS-20	C	1			X					X		11/15/24	12:10	X	X	X

Relinquished By: D. Sanders	Date: 11-18-24 Time: 1618	Received By: S Rodriguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: SDesham925@gmail.com
			REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.4 Corrected Temp. °C 0.8	Sample Condition Cool: ☑ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials) SR

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #113 Correction Factor -0.5°C = -0.6

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	night hawk - enviro Mental services
Project Manager:	Phillip Sanders
Address:	202 W. Wall St unit 802
City:	Midland State: TX Zip: 79701
Phone #:	210-906-3551 Fax #:
Project #:	Project Owner: Ralph Ridering
Project Name:	Goodnight Hose Rupture
Project Location:	lea county
Sampler Name:	D. Sanders

BILL TO

P.O. #:	
Company:	Goodnight Midstreams
Attn:	
Address:	8910 North central expressway Suite 800
City:	Dallas
State:	TX Zip: 75206
Phone #:	214-347-4480
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	CL	BTEX	TPH
H247031																	
21	CS-21	C	1			X					X		11/15/24	12:12	X	X	X
22	CS-22	C	1			X					X		11/15/24	12:15	X	X	X
23	CS-23	C	1			X					X		11/15/24	12:15	X	X	X
24	CS-24	C	1			X					X		11/15/24	10:45	X	X	X
25	CS-25	C	1			X					X		11/15/24	12:20	X	X	X
26	CS-26	C	1			X					X		11/15/24	12:25	X	X	X
27	CS-27	C	1			X					X		11/15/24	12:25	X	X	X
28	CS-28	C	1			X					X		11/15/24	12:30	X	X	X
29	CS-29	C	1			X					X		11/15/24	10:45	X	X	X
30	CS-30	C	1			X					X		11/15/24	1:25	X	X	X

Relinquished By: D. Sanders	Date: 11.18.24 Time: 1018	Received By: R Rodriguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: SDeshawn925@gmail.com
			REMARKS:

Delivered By: (Circle One)	Observed Temp. °C 1.4	Sample Condition Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.8			Thermometer ID #113 Correction Factor -0.6°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No — Observed Temp. °C — Corrected Temp. °C

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Nighthawk environmental
Project Manager: Phillip Sanders
Address: 201 w wall st unit 802
City: Midland State: tx Zip: 79701
Phone #: [redacted] 210-906-3552 Fax #:
Project #: Project Owner: Ralph Tijerina
Project Name: Good night hose rupture
Project Location: Lea County
Sampler Name: D. Sanders

BILL TO

P.O. #: Good night midstreams
Company:
Attn: Ralph Tijerina
Address: 5910 north central expressway suite 800
City: Dallas
State: tx Zip: 75206
Phone #: 214-347-4450
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	1L	BTEX	TPH
H247031																	
31	CS-31	C	1			X					X		11/15/24	12:40	X	X	X
32	CS-32	C	1			X					X		11/15/24	10:45	X	X	X
33	CS-33	C	1			X					X		11/15/24	12:45	X	X	X
34	CS-34	C	1			X					X		11/15/24	12:50	X	X	X
35	CS-35	C	1			X					X		11/15/24		X	X	X
36	CS-36	C	1			X					X		11/15/24	11:05	X	X	X
37	CS-37	C	1			X					X		11/15/24	1:15	X	X	X
38	CS-38	C	1			X					X		11/15/24	1:10	X	X	X
39	CS-39	C	1			X					X		11/15/24	1:00	X	X	X
40	CS-40	C	1			X					X		11/15/24	10:20	X	X	X

Relinquished By: D. Sanders Date: 11.18.24 Time: 1018 Received By: Rod Rodriguez
Relinquished By: Date: Time: Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
SDeshaun925@gmail.com
REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 1.4 Corrected Temp. °C 0.8
Sample Condition Cool Intact: ☐ Yes ☐ Yes ☐ No ☐ No
CHECKED BY: (Initials) RR

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #113 #140 Correction Factor -0.5°C -0.6
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: night hawk environmental services
Project Manager: phillip santos
Address: 202 w wall St unit 802
City: midland State: tx Zip: 79707
Phone #: 210-986-3552 Fax #:
Project #: Project Owner:
Project Name: good night Hose Rupture
Project Location: lea county
Sampler Name: D. Santos

BILL TO
P.O. #:
Company: goodnight midstream
Attn:
Address: 5910 north central expressway suite 800
City: Dallas
State: tx Zip: 75206
Phone #: 214-347-4450
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	CL	Btex	TPH
H247031																	
41	CS-42	C	1			X					X		11/15/24	10:55	X	X	X
42	CS-42	C	1			X					X		11/15/24	11:03	X	X	X
43	CS-43	C	1			X					X		11/15/24	11:00	X	X	X
44	CS-44	C	1			X					X		11/15/24	11:10	X	X	X
45	CS-45	C	1			X					X		11/15/24	11:10	X	X	X
46	CS-46	C	1			X					X		11/15/24	11:15	X	X	X
47	CS-47	C	1			X					X		11/15/24	11:18	X	X	X
48	CS-48	C	1			X					X		11/15/24	~~11:20~~	X	X	X
49	CS-49	C	1			X					X		11/15/24	1:05	X	X	X
50	CS-50	C	1			X					X		11/15/24	1:20	X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: D. Santos Date: 11-18-24 Time: 1618
Received By: S Rodriguez
Relinquished By: Date: Time:
Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
SDeShawn 925@gmail.com
REMARKS:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
Observed Temp. °C 9.4
Corrected Temp. °C 0.8
Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
CHECKED BY: (Initials) SR

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #113 #140
Correction Factor -0.5°C
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Night Hawk environmental service
Project Manager:	Phillip Sanders
Address:	202 W Wall St Unit 802
City:	Midland State: TX Zip: 79701
Phone #:	210-906-3551 Fax #:
Project #:	Project Owner:
Project Name:	Good night Hose rupture
Project Location:	Lea County
Sampler Name:	D. Sanders

BILL TO

P.O. #:	
Company:	Goodnight Mid Stream
Attn:	
Address:	5910 N central expressway suite 800
City:	Dallas
State:	TX Zip: 75206
Phone #:	214-347-4456
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE (11-15-24)	TIME	CL	BTEX	TPH
H247031																	
51	CS-1 East wall	C	1			X					X		11-15	12:30	X	X	X
52	CS-1 North wall	C	1			X					X		11-15	12:35	X	X	X
53	CS-2 North wall	C	1			X					X		11-15	12:37	X	X	X
54	CS-2 west wall	C	1			X					X		11-15	12:39	X	X	X
55	CS-3 South wall	C	1			X					X		11-15	12:43	X	X	X
56	CS-3 East wall	C	1			X					X		11-15	12:46	X	X	X
57	CS-4 South wall	C	1			X					X		11-15	12:49	X	X	X
58	CS-4 west wall	C	1			X					X		11-15	12:52	X	X	X
59	CS-~~4~~20 North wall	C	1			X					X		11-15	12:56	X	X	X
60	CS 20 west wall	C	1			X					X		11-15	12:59	X	X	X

Relinquished By:	Date: 11-18-24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
D. Sanders	Time: 1618	S Rodriguez	All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	sdesham975@gmail.com
	Time:		REMARKS:

Delivered By: (Circle One)	Observed Temp. °C 1.4	Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No	CHECKED BY: (Initials) SR	Turnaround Time: Standard ☑ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.8			Thermometer ID #113 Correction Factor -0.5°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No — Observed Temp. °C — Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Light Hawk environmental service	**BILL TO** P.O. #:	
Project Manager:	Phillip Sanders	Company:	Goodnight Mid Stream
Address:	202 W Wall St unit 802	Attn:	
City:	Midland	State: TX Zip: 79701	Address: 5910 N central expressway suite 800
Phone #:	210-906-3551	Fax #:	City: Dallas
Project #:		Project Owner:	State: TX Zip: 75206
Project Name:	Goodnight Hose rupture		Phone #: 214-347-4456
Project Location:	lea canty		Fax #:
Sampler Name:	D. Sanders		

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	TIME	ANALYSIS REQUEST: CL	BTEX	TPH
H247031													11-15-24				
61	CS-22 Southwall	C	1			x					x		11-15	1:04	x	x	x
62	CS-23 North wall	C	1			x					x		11-15	1:16	x	x	x
63	CS-24 South wall	C	1			x					x		11-15	1:14	x	x	x
64	CS 25 North wall	C	1			x					x		11-15	1:17	x	x	x
65	CS 26 East wall	C	1			x					x		11-15	1:19	x	x	x
66	CS 27 North wall	C	1			x					x		11-15	1:23	x	x	x
67	CS 9 East wall	C	1			x					x		11-15	1:25	x	x	x
68	CS 30 west wall	C	1			x					x		11-15	1:28	x	x	x
69	CS 13 East wall	C	1			x					x		11-15	1:31	x	x	x
70	CS 12 East wall	C	1			x					x		11-15	1:35	x	x	x

Relinquished By:	Date: 11-8-24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
D Sanders	Time: 1018	Brookings	All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	SDeshaun925@gmail.com
	Time:		REMARKS:

Delivered By: (Circle One)	Observed Temp. °C 1.4	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.8	☐ Yes ☐ Yes ☐ No ☐ No	SR	Thermometer ID #113 #140 Correction Factor -0.5°C -0.6

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 22, 2024

PHILLIP SANDERS

NIGHTHAWK ENVIRONMENTAL

203 W WALL, #514

MIDLAND, TX 79701

RE: GOODNIGHT HOSE RUPTURE

Enclosed are the results of analyses for samples received by the laboratory on 11/18/24 16:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 12 NORTH WALL (H247032-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/19/2024	ND	448	112	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *76.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *64.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 15 NORTH WALL (H247032-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *84.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 16 WEST WALL (H247032-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *95.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 17 WEST WALL (H247032-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *94.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 16 EAST WALL (H247032-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *91.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 15 SOUTH WALL (H247032-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *89.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 17 SOUTH WALL (H247032-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	**40.1**	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *84.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.6 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 18 SOUTH WALL (H247032-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/19/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	**38.6**	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *93.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 18 NORTH WALL (H247032-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	1.98	98.8	2.00	9.72	
Toluene*	<0.050	0.050	11/20/2024	ND	2.04	102	2.00	11.1	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.95	97.6	2.00	11.9	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.31	105	6.00	10.4	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *96.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.3 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 19 SOUTH WALL (H247032-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	211	106	200	1.25	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	194	96.9	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *97.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.7 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 38 SOUTH WALL (H247032-11)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *78.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *71.8 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 39 NORTH WALL (H247032-12)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *79.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.5 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 39 SOUTH WALL (H247032-13)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *84.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.9 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 40 SOUTH WALL (H247032-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *84.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.9 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 40 NORTH WALL (H247032-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *88.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.4 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 41 SOUTH WALL (H247032-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *85.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 41 NORTH WALL (H247032-17)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *88.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 42 NORTH WALL (H247032-18)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *86.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 42 SOUTH WALL (H247032-19)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *86.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 43 NORTH WALL (H247032-20)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *91.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 43 WEST WALL (H247032-21)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *81.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.0 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 43 SOUTH WALL (H247032-22)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *84.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.0 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 44 SOUTH WALL (H247032-23)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *76.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.7 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 44 NORTH WALL (H247032-24)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *84.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 45 WEST WALL (H247032-25)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *80.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 45 NORTH WALL (H247032-26)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *81.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 45 EAST WALL (H247032-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *88.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 46 SOUTH WALL (H247032-28)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/19/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *84.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 46 NORTH WALL (H247032-29)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	1.77	88.6	2.00	7.54	
Toluene*	<0.050	0.050	11/20/2024	ND	1.83	91.3	2.00	7.80	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	1.81	90.6	2.00	8.22	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	5.39	89.9	6.00	7.95	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: KV**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *74.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *68.2 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 46 EAST WALL (H247032-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	194	96.8	200	0.993	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	189	94.4	200	4.70	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *81.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.8 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 8 WEST WALL (H247032-31)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *82.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.6 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 8 EAST WALL (H247032-32)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *86.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.3 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 7 WEST WALL (H247032-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *87.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.8 %* *49.1-148*

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 7 EAST WALL (H247032-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *87.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 6 EAST WALL (H247032-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.1 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 6 WEST WALL (H247032-36)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	**67.3**	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *90.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.2 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 5 WEST WALL (H247032-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	**37.1**	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 5 EAST WALL (H247032-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	**24.9**	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *68.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 5 SOUTH WALL (H247032-39)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	**60.1**	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *91.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.7 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 49 SOUTH WALL (H247032-40)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *86.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.3 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 49 NORTH WALL (H247032-41)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/19/2024	ND	432	108	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	**35.6**	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *74.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.9 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 50 SOUTH WALL (H247032-42)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/19/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	**18.5**	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *89.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.9 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 50 NORTH WALL (H247032-43)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/20/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	**75.3**	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *91.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.8 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 49 EAST WALL (H247032-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/20/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *126 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	**58.2**	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *95.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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CARDINAL Laboratories

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: BG # 1 (H247032-45)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/20/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *91.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.2 %* *49.1-148*

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: BG # 2 (H247032-46)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/20/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *91.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: BG # 3 (H247032-47)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/20/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *85.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.7 %* *49.1-148*

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Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/18/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: BG # 4 (H247032-48)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	1.88	93.9	2.00	9.20	
Toluene*	<0.050	0.050	11/20/2024	ND	2.02	101	2.00	3.55	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	106	2.00	7.72	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.40	107	6.00	8.02	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	186	92.8	200	2.84	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	191	95.6	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *87.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	Night Hawk environmental service
Project Manager:	Phillip Sanders
Address:	202 w wall st unit 802
City:	Midland State: TX Zip: 79701
Phone #:	210-906-3551 Fax #:
Project #:	Project Owner: Ralph Tigerina
Project Name:	Good night Hose rupture
Project Location:	lea county
Sampler Name:	D. Sanders

BILL TO

P.O. #:	
Company:	Goodnight Mid stream
Attn:	
Address:	5910 N central express suite 800
City:	Dallas
State:	TX Zip: 75206
Phone #:	214-347-4456
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE (11-15-24)	TIME	cl	BTEX	TPH
H247032																	
1	CS 12 North wall	C	1			X					X		11-15	1:40	X	X	X
2	CS 15 North wall	C	1			X					X		11-15	1:43	X	X	X
3	CS 16 west wall	C	1			X					X		11-15	1:45	X	X	X
4	CS 17 west wall	C	1			X					X		11-15	1:50	X	X	X
5	CS 16 East wall	C	1			X					X		11-15	1:55	X	X	X
6	CS 15 south wall	C	1			X					X		11-15	1:59	X	X	X
7	CS 17 South wall	C	1			X					X		11-15	2:04	X	X	X
8	CS 18 South wall	C	1			X					X		11-15	2:10	X	X	X
9	CS 18 North wall	C	1			X					X		11-15	2:14	X	X	X
10	CS 19 South wall	C	1			X					X		11-15	2:17	X	X	X

Relinquished By:	Date: 11.18.24	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
D. Sanders	Time: 1618	Rodriguez	All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Observed Temp. °C 1.4 Corrected Temp. °C 0.8

Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No

CHECKED BY: (Initials) SR

Turnaround Time: Standard ☑ Rush ☐

Thermometer ID #140 (#113) Correction Factor -0.5°C -0.6

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No

Observed Temp. °C

Corrected Temp. °C

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

FORM-006 R 3.2 10/07/21

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Night Hawk environmental services
Project Manager: Phillip Sanders
Address: 202 W Wall St Unit 802
City: Midland State: TX Zip: 79701
Phone #: 210-906-3551 Fax #:
Project #: Project Owner: Ralph Tigerina
Project Name: Good Night Hose rupture
Project Location: Lea County
Sampler Name: D. Sanders

BILL TO

P.O. #:
Company: Goodnight Mid Stream
Attn:
Address: 5910 North central expressway suite 300
City: Dallas
State: TX Zip: 75206
Phone #: 214-347-4456
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE (11-15-24)	TIME	CL	BTEX	TPH
H247032																	
11	CS 38 South wall	C	1			X					X		11-15	3:09	X	X	X
12	CS 39 North wall	C	1			X					X		11-15	3:14	X	X	X
13	CS 39 South wall	C	1			X					X		11-15	3:17	X	X	X
14	CS 40 South wall	C	1			X					X		11-15	3:20	X	X	X
15	CS 40 North wall	C	1			X					X		11-15	3:29	X	X	X
16	CS 41 South wall	C	1			X					X		11-15	3:33	X	X	X
17	CS 41 North wall	C	1			X					X		11-15	3:37	X	X	X
18	CS 42 North wall	C	1			X					X		11-15	3:39	X	X	X
19	CS 42 South wall	C	1			X					X		11-15	3:43	X	X	X
20	CS 43 North wall	C	1			X					X		11-15	3:49	X	X	X

Relinquished By: D. Sanders Date: 11-18-24 Time: 1618
Received By: Brodriguez
Relinquished By: Date: Time:
Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: SDeshawn25@gmail.com
REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 1.4 Corrected Temp. °C 0.8
Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
CHECKED BY: (Initials) SR

Turnaround Time: #140 Standard ☑ Rush ☐
Thermometer ID #113 Correction Factor ~~0.5~~ °C -0.6
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

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

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NightHawk environmental service
Project Manager: phillip sanders
Address: 202 w wall st unit 802
City: Midland State: TX Zip: 79701
Phone #: 210-906-3551 Fax #:
Project #: Project Owner: Ralph Tigerina
Project Name: Good night Hose rupture
Project Location: lea County
Sampler Name: D. Sanders

BILL TO
P.O. #:
Company: Goodnight Midstream
Attn:
Address: 5910 Northcentral express way suite 860
City: Dallas
State: TX Zip: 75206
Phone #: 214-347-4456
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE 11-15-24	TIME	Cl	BTEX	TPH
H247032																	
21	CS-43 west wall	C	1			X					X		11-15	4:00	X	X	X
22	CS-43 south wall	C	1			X					X		11-15	4:02	X	X	X
23	CS-44 south wall	C	1			X					X		11-15	4:04	X	X	X
24	CS-44 North wall	C	1			X					X		11-15	4:07	X	X	X
25	CS-45 west wall	C	1			X					X		11-15	4:10	X	X	X
26	CS-45 North wall	C	1			X					X		11-15	4:12	X	X	X
27	CS-45 east wall	C	1			X					X		11-15	4:14	X	X	X
28	CS-46 South wall	C	1			X					X		11-15	4:17	X	X	X
29	CS-46 North wall	C	1			X					X		11-15	4:19	X	X	X
30	CS-46 East wall	C	1			X					X		11-15	4:22	X	X	X

Relinquished By: D. Sanders Date: 11-18-24 Time: 1618
Received By: Brad Rigney
Relinquished By: Date: Time:
Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
Spesheva925@gmail.com
REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 1.4 Corrected Temp. °C 0.8
Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No
CHECKED BY: (Initials) BR

Turnaround Time: #140 Standard ☑ Rush ☐
Thermometer ID #113 Correction Factor ~~0.5~~ -0.6
Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No
Observed Temp. °C Corrected Temp. °C

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

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Night Hawk environmental Service
Project Manager: Phillip Sanders
Address: 202 w wall st unit 802
City: Midland State: TX Zip: 79701
Phone #: 210-906-3551 Fax #:
Project #: Project Owner: Ralph Tigering
Project Name: Good night Hose rupture
Project Location: lea County
Sampler Name: D. Sanders

BILL TO
P.O. #:
Company: goodnight Mid Stream
Attn:
Address: 5910 North central expressway suite 800
City: Dallas
State: TX Zip: 75206
Phone #: 214-347-4450
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	TIME	CL	BTEX	TPH
H247032													11-15-24				
31	CS-8 west wall	C	1			X					X		11-15	4:24	X	X	X
32	CS-8 East wall	C	1			X					X		11-15	4:27	X	X	X
33	CS-7 west wall	C	1			X					X		11-15	4:29	X	X	X
34	CS-7 East wall	C	1			X					X		11-15	4:31	X	X	X
35	CS-6 East wall	C	1			X					X		11-15	4:34	X	X	X
36	CS-6 west wall	C	1			X					X		11-15	4:39	X	X	X
37	CS-5 west wall	C	1			X					X		11-15	4:41	X	X	X
38	CS-5 East wall	C	1			X					X		11-15	4:44	X	X	X
39	CS-5 South wall	C	1			X					X		11-15	4:49	X	X	X
40	CS-49 South wall	C	1			X					X		11-15	4:53	X	X	X

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: D. Sanders Date: 11-18-24 Time: 1618 Received By: S Rodriguez
Relinquished By: Date: Time: Received By:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:
Observed Temp. °C 1.4 Corrected Temp. °C 0.8
Sample Condition: Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No
CHECKED BY: (Initials) SR

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address: SDeshaun925@gmail.com
REMARKS:

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #113 #140
Correction Factor -0.5°C -0.6
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Night Hawk environmental service
Project Manager: Phillip Sanders
Address: 202 W Wall St unit 802
City: Midland State: TX Zip: 79701
Phone #: 210-906-3551 Fax #:
Project #: Project Owner:
Project Name: Goodnight Hex rupture
Project Location: Ica County
Sampler Name: D. Sanders

BILL TO
P.O. #:
Company: Goodnight Mid Stream
Attn:
Address: 5910 N central express suite 800
City: Dallas
State: TX Zip: 75206
Phone #: 214-347-4456
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING DATE (11-15-24)	TIME	CL	BTEX	TPH
H247032																	
41	CS-49 North wall	C	1			X					X		11-15	5:00	X	X	X
42	CS-50 South wall	C	1			X					X		11-15	5:10	X	X	X
43	CS-50 North wall	C	1			X					X		11-15	5:15	X	X	X
44	CS-49 East wall	C	1			X					X		11-15	5:30	X	X	X
45	Bg #1	C	1			X					X		11/15	12:05	X	X	X
46	Bg #2	C	1			X					X		11/15	12:08	X	X	X
47	Bg #3	C	1			X					X		11/15	12:15	X	X	X
48	Bg #4	C	1			X					X		11/15	12:18	X	X	X

Relinquished By: D. Sanders Date: 11-18-24 Time: 1418
Received By: Shodriguez
Relinquished By: Date: Time:
Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
SDeShaun925@gmail.com
REMARKS:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:
Observed Temp. °C 1.4 Corrected Temp. °C 0.8
Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
CHECKED BY: (Initials) SR

Turnaround Time: Standard ☑ Rush ☐
#140 -0.6
Thermometer ID #113
Correction Factor -0.5°C
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 22, 2024

PHILLIP SANDERS

NIGHTHAWK ENVIRONMENTAL

203 W WALL, #514

MIDLAND, TX 79701

RE: GOODNIGHT HOSE RUPTURE

Enclosed are the results of analyses for samples received by the laboratory on 11/19/24 10:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/19/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS 11 S. WALL (H247036-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2024	ND	2.06	103	2.00	7.15	
Toluene*	<0.050	0.050	11/19/2024	ND	2.01	101	2.00	9.34	
Ethylbenzene*	<0.050	0.050	11/19/2024	ND	2.13	107	2.00	10.4	
Total Xylenes*	<0.150	0.150	11/19/2024	ND	6.30	105	6.00	11.7	
Total BTEX	<0.300	0.300	11/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	204	102	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.0	200	0.705	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *95.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/19/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS 32 W. WALL (H247036-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	2.06	103	2.00	7.15	
Toluene*	<0.050	0.050	11/20/2024	ND	2.01	101	2.00	9.34	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	107	2.00	10.4	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.30	105	6.00	11.7	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	11/19/2024	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	204	102	200	0.234	
DRO >C10-C28*	**49.7**	10.0	11/19/2024	ND	182	91.0	200	0.705	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *72.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *67.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/19/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS 33 E. WALL (H247036-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	2.06	103	2.00	7.15	
Toluene*	<0.050	0.050	11/20/2024	ND	2.01	101	2.00	9.34	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	107	2.00	10.4	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.30	105	6.00	11.7	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	204	102	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.0	200	0.705	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *83.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *79.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/19/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS 34 E. WALL (H247036-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	2.06	103	2.00	7.15	
Toluene*	<0.050	0.050	11/20/2024	ND	2.01	101	2.00	9.34	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	107	2.00	10.4	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.30	105	6.00	11.7	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	204	102	200	0.234	
DRO >C10-C28*	**79.2**	10.0	11/19/2024	ND	182	91.0	200	0.705	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *91.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/19/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS 35 S. WALL (H247036-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	2.06	103	2.00	7.15	
Toluene*	<0.050	0.050	11/20/2024	ND	2.01	101	2.00	9.34	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	107	2.00	10.4	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.30	105	6.00	11.7	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	204	102	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.0	200	0.705	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *97.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.3 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/19/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS 36 S. WALL (H247036-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	2.06	103	2.00	7.15	
Toluene*	<0.050	0.050	11/20/2024	ND	2.01	101	2.00	9.34	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	107	2.00	10.4	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.30	105	6.00	11.7	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *122 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	204	102	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.0	200	0.705	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *97.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.8 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/19/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS 36 N. WALL (H247036-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	2.06	103	2.00	7.15	
Toluene*	<0.050	0.050	11/20/2024	ND	2.01	101	2.00	9.34	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	107	2.00	10.4	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.30	105	6.00	11.7	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	204	102	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.0	200	0.705	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *97.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/19/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS 37 N. WALL (H247036-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	2.06	103	2.00	7.15	
Toluene*	<0.050	0.050	11/20/2024	ND	2.01	101	2.00	9.34	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	107	2.00	10.4	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.30	105	6.00	11.7	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	204	102	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.0	200	0.705	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *89.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.1 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/19/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS 37 S. WALL (H247036-09)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	2.06	103	2.00	7.15	
Toluene*	<0.050	0.050	11/20/2024	ND	2.01	101	2.00	9.34	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	107	2.00	10.4	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.30	105	6.00	11.7	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	204	102	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.0	200	0.705	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *85.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	11/19/2024	Sampling Date:	11/15/2024
Reported:	11/22/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS 38 N. WALL (H247036-10)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2024	ND	2.06	103	2.00	7.15	
Toluene*	<0.050	0.050	11/20/2024	ND	2.01	101	2.00	9.34	
Ethylbenzene*	<0.050	0.050	11/20/2024	ND	2.13	107	2.00	10.4	
Total Xylenes*	<0.150	0.150	11/20/2024	ND	6.30	105	6.00	11.7	
Total BTEX	<0.300	0.300	11/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: KV

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	11/19/2024	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2024	ND	204	102	200	0.234	
DRO >C10-C28*	<10.0	10.0	11/19/2024	ND	182	91.0	200	0.705	
EXT DRO >C28-C36	<10.0	10.0	11/19/2024	ND					

Surrogate: 1-Chlorooctane *96.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: night hawk environmental services	**BILL TO**		ANALYSIS REQUEST
Project Manager: Phillip Sanders	P.O. #:		
Address: 207 W Wall St unit 800	Company: geoknight riv streams		
City: Midland State: TX Zip: 79701	Attn:		
Phone #: 210-906-3552 Fax #:	Address: 5910 north central expressway Suite 800		
Project #: Project Owner:	City: Dallas		
Project Name: 9002 night Hose Rupture	State: TX Zip: 75206		
Project Location: Lea County	Phone #: 214-347-4950		
Sampler Name: D. Sanders	Fax #:		

FOR LAB USE ONLY				MATRIX							PRESERV.			SAMPLING				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH
H247030																	
1	CS11 S. wall	C	1			X					X		11/15		X	X	X
2	CS32 W. wall	C	1			X					X		11/15		X	X	X
3	CS33 E. wall	C	1			X					X		11/15		X	X	X
4	CS34 E. wall	C	1			X					X		11/15		X	X	X
5	CS35 S. wall	C	1			X					X		11/15		X	X	X
6	CS36 S. wall	C	1			X					X		11/15		X	X	X
7	CS36 N. wall	C	1			X					X		11/15		X	X	X
8	CS37 N. wall	C	1			X					X		11/15		X	X	X
9	CS37 S. wall	C	1			X					X		11/15		X	X	X
10	CS38 N. wall	C	1			X					X		11/15		X	X	X

Relinquished By: D. Sanders	Date: 11-19-24 Time: 1013	Received By: SRodriguez	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address: SDeshaun925@gmail.com
			REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.4	Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No	CHECKED BY: (Initials) SR	Turnaround Time: Standard ☑ Rush ☐ Thermometer ID #113 Correction Factor 0.5°C #140 -0.6
	Corrected Temp. °C 0.8			Bacteria (only) Sample Condition Cool Intact ☐ Yes ☐ Yes ☐ No ☐ No Observed Temp. °C Corrected Temp. °C

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

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 11, 2024

PHILLIP SANDERS

NIGHTHAWK ENVIRONMENTAL

203 W WALL, #514

MIDLAND, TX 79701

RE: GOODNIGHT HOSE RUPTURE

Enclosed are the results of analyses for samples received by the laboratory on 12/10/24 12:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	12/10/2024	Sampling Date:	12/10/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 19 @ 3' (H247481-01)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	1.92	96.0	2.00	4.60	
Toluene*	<0.050	0.050	12/10/2024	ND	1.94	97.1	2.00	3.56	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.97	98.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.89	98.2	6.00	2.21	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/10/2024	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	216	108	200	0.482	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	105	200	0.802	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane *88.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	12/10/2024	Sampling Date:	12/10/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 24 @ 3' (H247481-02)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	1.92	96.0	2.00	4.60	
Toluene*	<0.050	0.050	12/10/2024	ND	1.94	97.1	2.00	3.56	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.97	98.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.89	98.2	6.00	2.21	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	12/10/2024	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	216	108	200	0.482	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	105	200	0.802	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane *94.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	12/10/2024	Sampling Date:	12/10/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 29 @ 3' (H247481-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	1.92	96.0	2.00	4.60	
Toluene*	<0.050	0.050	12/10/2024	ND	1.94	97.1	2.00	3.56	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.97	98.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.89	98.2	6.00	2.21	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/10/2024	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	216	108	200	0.482	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	105	200	0.802	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane *95.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	12/10/2024	Sampling Date:	12/10/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 32 @ 3' (H247481-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	1.92	96.0	2.00	4.60	
Toluene*	<0.050	0.050	12/10/2024	ND	1.94	97.1	2.00	3.56	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.97	98.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.89	98.2	6.00	2.21	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	12/10/2024	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	216	108	200	0.482	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	105	200	0.802	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane *93.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.4 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	12/10/2024	Sampling Date:	12/10/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 40 @ 4' (H247481-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	1.92	96.0	2.00	4.60	
Toluene*	<0.050	0.050	12/10/2024	ND	1.94	97.1	2.00	3.56	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.97	98.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.89	98.2	6.00	2.21	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	12/10/2024	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	216	108	200	0.482	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	105	200	0.802	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane *96.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	12/10/2024	Sampling Date:	12/10/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 2 N WALL (H247481-06)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	1.92	96.0	2.00	4.60	
Toluene*	<0.050	0.050	12/10/2024	ND	1.94	97.1	2.00	3.56	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.97	98.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.89	98.2	6.00	2.21	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	12/10/2024	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	216	108	200	0.482	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	105	200	0.802	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane *92.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	12/10/2024	Sampling Date:	12/10/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 4 W WALL (H247481-07)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	1.92	96.0	2.00	4.60	
Toluene*	<0.050	0.050	12/10/2024	ND	1.94	97.1	2.00	3.56	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.97	98.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.89	98.2	6.00	2.21	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	12/10/2024	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	216	108	200	0.482	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	105	200	0.802	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane *93.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NIGHTHAWK ENVIRONMENTAL
PHILLIP SANDERS
203 W WALL, #514
MIDLAND TX, 79701
Fax To: NA

Received:	12/10/2024	Sampling Date:	12/10/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	GOODNIGHT HOSE RUPTURE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	GOODNIGHT - LEA COUNTY		

Sample ID: CS - 23 N WALL (H247481-08)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/10/2024	ND	1.92	96.0	2.00	4.60	
Toluene*	<0.050	0.050	12/10/2024	ND	1.94	97.1	2.00	3.56	
Ethylbenzene*	<0.050	0.050	12/10/2024	ND	1.97	98.4	2.00	2.47	
Total Xylenes*	<0.150	0.150	12/10/2024	ND	5.89	98.2	6.00	2.21	
Total BTEX	<0.300	0.300	12/10/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: CT

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	12/10/2024	ND	448	112	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/10/2024	ND	216	108	200	0.482	
DRO >C10-C28*	<10.0	10.0	12/10/2024	ND	211	105	200	0.802	
EXT DRO >C28-C36	<10.0	10.0	12/10/2024	ND					

Surrogate: 1-Chlorooctane *95.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Night hawk environmental services
Project Manager: Philip Sanders
Address: 302 W wall St unit #802
City: Midland State: TX Zip: 79701
Phone #: 210-906-3552 Fax #:
Project #: Project Owner:
Project Name: Goodnight Hose Rupture
Project Location: Lea County
Sampler Name: D. Sanders

BILL TO

P.O. #:
Company: Goodnight Midstream
Attn: Ralph Nielsen
Address: 5910 North Central Expressway Suite 800
City: Dallas
State: TX Zip: 75206
Phone #: 214-347-4461
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	Cl	BTEX	TPH
H247481																	
1	CS-19 @ 3'	C	1			X					X		12/10	9:00	X	X	X
2	CS-24 @ 3'	C	1			X					X		12/10	9:23	X	X	X
3	CS-29 @ 3'	C	1			X					X		12/10	9:40	X	X	X
4	CS-32 @ 3'	C	1			X					X		12/10	10:03	X	X	X
5	CS-40 @ 4'	C	1			X					X		12/10	10:17	X	X	X
6	CS-2 N wall	C	1			X					X		12/10	10:33	X	X	X
7	CS-9 W wall	C	1			X					X		12/10	10:48	X	X	X
8	CS-23 N wall	C	1			X					X		12/10	10:55	X	X	X

Relinquished By: D. Sanders Date: 12-10-24 Time: 1258
Received By: S Rodriguez

Relinquished By: Date: Time:
Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
SDeshawn925@gmail.com
REMARKS:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C 1.9
Corrected Temp. °C 1.3

Sample Condition: Cool ☑ Yes ☐ No Intact ☐ Yes ☐ No
CHECKED BY: (Initials) SR

Turnaround Time: Standard ☐ Rush ☑ #140-0.4e 24 HR
Thermometer ID #113
Correction Factor -0.5°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

FORM-006 R 3.2 10/07/21

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

Appendix E
Regulatory Correspondence

Fenway Facility
Regulatory Closure Report

NMOCD Incident No. nAPP2428552848
UL "F", Sec. 28, T21S, R36E
32.450382, -103.274933
Lea County, New Mexico

December 24, 2025

PREPARED ON BEHALF OF:

Goodnight Midstream Permian, LLC

PREPARED BY
Nighthawk Environmental Services, LLC

December 23, 2024

Goodnight Midstream Permian, LLC
5910 North Central Expressway
Dallas, TX 75206

Attn: Mr. Ralph Tijerina
Email: rtijerina@goodnightmidstream.com

Re: Regulatory Closure Report
Fenway
UL "F", Section 28, Township 21 South, Range 36
East Lea County, New Mexico
NMOCD Incident No.
nAPP2428552848

Dear Mr. Tijerina,

Nighthawk Environmental Services, LLC (Nighthawk) is pleased to present the following closure report for the aforementioned site. Site assessment and remedial activities were executed in accordance with the New Mexico Oil Conservation Division (NMOCD) regulations concerning the delineation and remediation of a produced water release in an active facility.

Nighthawk conducted initial assessment activities, identifying an approximately 14,000 square foot area that had been impacted by the release. The area was then vertically, and horizontally delineated. Based on laboratory analytical results from soil samples collected during assessment sampling activities, impacted soil within the release area has been remediated pursuant to NMAC 19.24 guidelines. The outline of project details are provided in the attached Closure Report.

Nighthawk appreciates the opportunity to provide environmental services to Goodnight Midstream Permian, LLC. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully,
Nighthawk Environmental, LLC

James "Cody" York
CEO
Jyork@night-hawk.com

TABLE OF CONTENTS

nAPP2428552848
Closure Report

1.0 INTRODUCTION

1.1 Site Description

The site is located in Unit Letter "F" of Section 28, Township 21 South, Range 36 East in Lea County, New Mexico. The cause of release was from equipment failure from a high-pressure hose resulting in a loss of approximately 462 bbl of produced water.

1.2 Release Detail and Initial Response

On October 10, 2024 the leak was discovered by Midstream personnel. On October 11, 2024 Goodnight Midstream personnel provided notice of release to the NMOCD portal. The release resulted in the loss of approximately 462 barrels (bbls) of produced water to the surrounding environmental media, with 0 recovered. All fluid was contained on the pad area (production) facility, Goodnight Midstream personnel took proactive measures by repairing the line and removing all free-standing fluids.

A copy of NMOCD notifications is provided in Appendix A.

2.0 SITE CHARACTERISTICS

2.1 Depth to Groundwater

According to the New Mexico Office of the State Engineer (NMOSE) and the United States Geologic Survey (USGS) for registered water wells within a half-mile radius of the site. The nearest well with available groundwater level data from these resources within the NMOCD's preferred parameters is located 4 miles southeast of the site, identified as L09966. Depth to groundwater was measured at 70 feet below ground surface (ft bgs) in 1987. However, on November 29, 2023, H&R Enterprises, LLC drilled a Monitor Well Borehole on the Fenway Site for verification of depth to groundwater. It was determined that depth to water was <105 ft. Boring log is attached in Appendix 2.1

The Site Location & Groundwater Map included as Figure 1 illustrates the location of the registered water well within the vicinity of the site, and a summary of depth to groundwater information is provided as Appendix B.

2.2 Karst Potential & Subsurface Mines

Further research of the BLM CFO karst potential map indicates that the site is not located in an area with high potential to encounter karstic features.
Utilization of the USGS Mineral Resources database indicates that there are no subsurface mines beneath or in the vicinity of the site.

Areas of high/critical karst are depicted on Figure 2.

2.3 Distance to Nearest Potable Water Well

The nearest potable water well is the well gauged on March 19, 1985, that is assumed to be L09966. The well is located 4 miles from the site. The location of L09966 is shown on the attached Figure 1.

2.4 Distance to Nearest Surface Water

Nighthawk personnel reviewed aerial imagery and the National Wetland Inventory Map, published by the U.S. Fish and Wildlife Service, for wetlands and surface water in the vicinity of the site. The nearest wetland, freshwater pond, is located approximately 0.5 miles from the site. The nearest significant surface water was identified as a stock tank, located .5 miles from the site. The location of the nearest surface water body can be seen on Figures 1.

2.5 100-year Floodplain

Review of flood map data published by the Federal Emergency Management Agency (FEMA) indicates the site is not located within a 100-year floodplain. A copy of the FEMA FIRMete Map can be found attached as Figure 4.

2.6 Residence, School, Hospital, or Institution

Review of aerial imagery did not show that the site is within 300 feet of an occupied permanent residence, school, hospital, or institution.

2.7 Proximity to Sensitive Receptors and Site Characteristics Summary

The table below denotes if the site is located within the minimum allowable distance from a sensitive receptor, as defined in New Mexico Administrative Code (NMAC) 19.15.29.

Site Characteristics Summary		
Approximate depth to groundwater:	>100 ft bgs	
Within an area of high karst potential?	☐ Yes	☑ No
Within 300 ft. of any continuously flowing of significant watercourse?	☐ Yes	☑ No
Within 200 ft. of any lakebed, sinkhole, or playa lake?	☐ Yes	☑ No
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	☐ Yes	☑ No
Within 500 ft. of a spring or private, domestic fresh water well?	☐ Yes	☑ No
Within 1,000 ft. of any fresh water well?	☐ Yes	☑ No
Within the incorporated municipal boundaries or within a municipal well field?	☐ Yes	☑ No
Within 300 ft. of a wetland?	☐ Yes	☑ No
Within the area overlying a subsurface mine?	☐ Yes	☑ No
Within an unstable area?	☐ Yes	☑ No

3.0 REMEDIATION ACTION LEVELS

NMOCD assessment and cleanup levels for chlorides, hydrocarbon, natural gas and natural gas condensate releases are based on depth to groundwater and proximity to sensitive receptors as established in NMAC 19.15.29. However, since Goodnight Midstream is classified as retail "midstream": the NMOCD Action Levels for a site with a depth to groundwater of less than 50 feet bgs were utilized; these Action Levels are as follows:

Constituent	Remediation Action Level
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
TPH (GRO+DRO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

TPH – total petroleum hydrocarbons
DRO – diesel range organics
BTEX – benzene, toluene, ethylbenzene, total xylenes
GRO – gasoline range organics
MRO – motor/lube oil range organics
mg/kg – milligrams per kilogram

3.1 Reclamation Levels

NMAC 19.15.29.13(D) codifies, and the *Procedures for Implementation of the Spill Rule,* dated September 6, 2019, clarifies that the top four feet of the remediated area should be non-waste containing. Therefore, the NMOCD Reclamation Standards are applied to the top four feet of any area impacted by a release that is not located within an active production facility. NMOCD Reclamation Standards are as follows:

Constituent	Reclamation Standard
Chloride	600 mg/kg
TPH (GRO+DRO+MRO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

4.0 RELEASE ASSESSMENT

On October 11, 2024, Nighthawk was retained by Goodnight Midstream, LLC to respond to a produced water release at the site. Initial observations indicated a release area of approximately 2,000 square feet (ft^2). A photographic log of the release area is included as Appendix C.

The Nighthawk field scientist advanced thirty-six hand augured borings to depths of 1' bgs. Due to hard pack caliche and infrastructure deeper borings could not be achieved. The spill area was excavated and guided by field titration data.

The attached Figure 5 illustrates the observed release and location of soil sample locations.

4.1 Soil Sampling Procedures for Laboratory Analysis

The collection of soil samples for laboratory analysis was conducted in accordance with NMOCD criteria and generally approved industry standards. Collected soil samples were placed in laboratory provided containers, properly labeled, and preserved on ice pending transport via chain of custody to Cardinal Laboratories of Hobbs, NM.

4.2 Soil Analytical Methods

Each soil sample was analyzed using NMOCD-approved methods. Laboratory analytical methods are as follows:

- Chloride –method SM4500Cl-B.
- Total Petroleum Hydrocarbons (TPH) – gasoline, diesel, and motor/lube oil range organics (GRO+DRO+MRO) – EPA Method 8015D Extended.
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) – EPA Method 8021B.

4.3 Release Area Assessment Data Evaluation

On October 11, 2024 Nighthawk personnel conducted an initial site assessment sampling the impacted area. Chloride exceedances were detected above regulatory guidelines in 22 of the grab samples. The remaining samples exhibited concentrations less than detection limits.

Concentrations of total TPH were detected greater than Reclamation Levels in soil sample SP-2 at 1 ft bgs (1,162.2 mg/kg). The remaining samples exhibited concentrations less than Reclamation levels.

Concentrations of benzene were not detected above detection limits in any of the soil samples collected.
All soil samples were properly collected, contained, preserved and transport via Chain of Custody to Cardinal Laboratories in Hobbs, NM. All samples were analyzed for Chlorides (Method SM4500Cl-B), TPH (Method 8015M), and BTEX (Method 8021B). The results are tabled below.

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	GRO + DRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
SP-1	10/11/2024	0-1'	ND	ND	ND	ND	ND	ND	2000
SP-2	10/11/2024	0-1'	ND	ND	ND	1110	52.2	1162.2	18000
SP-3	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	1470
SP-4	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	3960
SP-5	10/11/2024	0-1'	ND	ND	34.7	ND	ND	34.7	4400
SP-6	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	11600
SP-7	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	2360
SP-8	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	432
SP-9	10/11/2024	0-1'	ND	ND	11.4	ND	ND	11.4	160
SP-10	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	528
SP-11	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	1800
SP-12	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	400
SP-13	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	8400
SP-14	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	10200
SP-15	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	528
SP-16	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	1230
SP-17	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	64
SP-18	10/11/2024	0-1'	0.597	0.053	ND	ND	ND	0	80
SP-19	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	272
SP-20	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	400

SP-21	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	128
SP-22	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	48
SP-23	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	2800
SP-24	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	8000
SP-25	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	7680
SP-26	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	2480
SP-27	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	1760
SP-28	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	2960
SP-29	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	3680
SP-30	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	3800
SP-31	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	7440
SP-32	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	4080
SP-33	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	6160
SP-34	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	5760
SP-35	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	4800
SP-36	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	2400
ND=non-detect									

- Highlighted cells indicate exceedances.

A full Laboratory report containing analytical results are included as Appendix D.

5.0 REMEDIAL ACTIONS

On October 21, 2024 Nighthawk personnel and equipment began remedial activities of the site using mechanical and physical removal of soil in the impacted area. The areas of SP-1, SP-3, and SP-4 were excavated to depths of 4 ft. bgs (below ground surface) in accordance with NMAC 19.15., and SP-5 through SP-17, SP-20 through SP-23, SP-25 through SP-28, SP-30 through SP-31, and SP-35 through SP-39 were excavated to depths of 2 ft. bgs. and confirmation sampled. SP-2, SP-19, SP-24, SP-29, and SP-32 were excavated to depths of 3 ft. bgs. Sidewalls were advanced in order to achieve horizontal remediation. Laboratory reports confirmed that the analyte levels were below Table 1 soil remediation levels.

Once field data indicated that the release area has been remediated to NMOCD requirements established in Section 3.0, Nighthawk field scientist collected five-point confirmation samples from the base and sidewalls of the excavation. The collected confirmation soil samples will represent an area no greater than 200 ft^2. Confirmation sampling activities and laboratory analysis will be conducted as described in Sections 4.1 and 4.2.

6.0 RECLAMATION - RESTORATION

Upon receipt of laboratory confirmation, the pad area was restored with clean caliche and compacted to grade. Approximately 750 yards of impacted caliche was transported to Northern Delware Basin Landfill an NMOCD approved facility for disposal. Clean caliche was backhauled as backfill material.

Figures

Fenway CTB

Groundwater POD and MW Map
Lea County, NM

Monitor Well
Fenway
Eunice Airport
West Eunice
POD to Fenway
176

Legend
- Eunice Airport
- Fenway
- Monitor Well
- West Eunice ET

Google Earth
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	Goodnight Midstream Fenway CTB Lea County NM	Karst Map

U.S. Fish and Wildlife Service
National Wetlands Inventory

Fenway Water Map

December 27, 2024

Wetlands

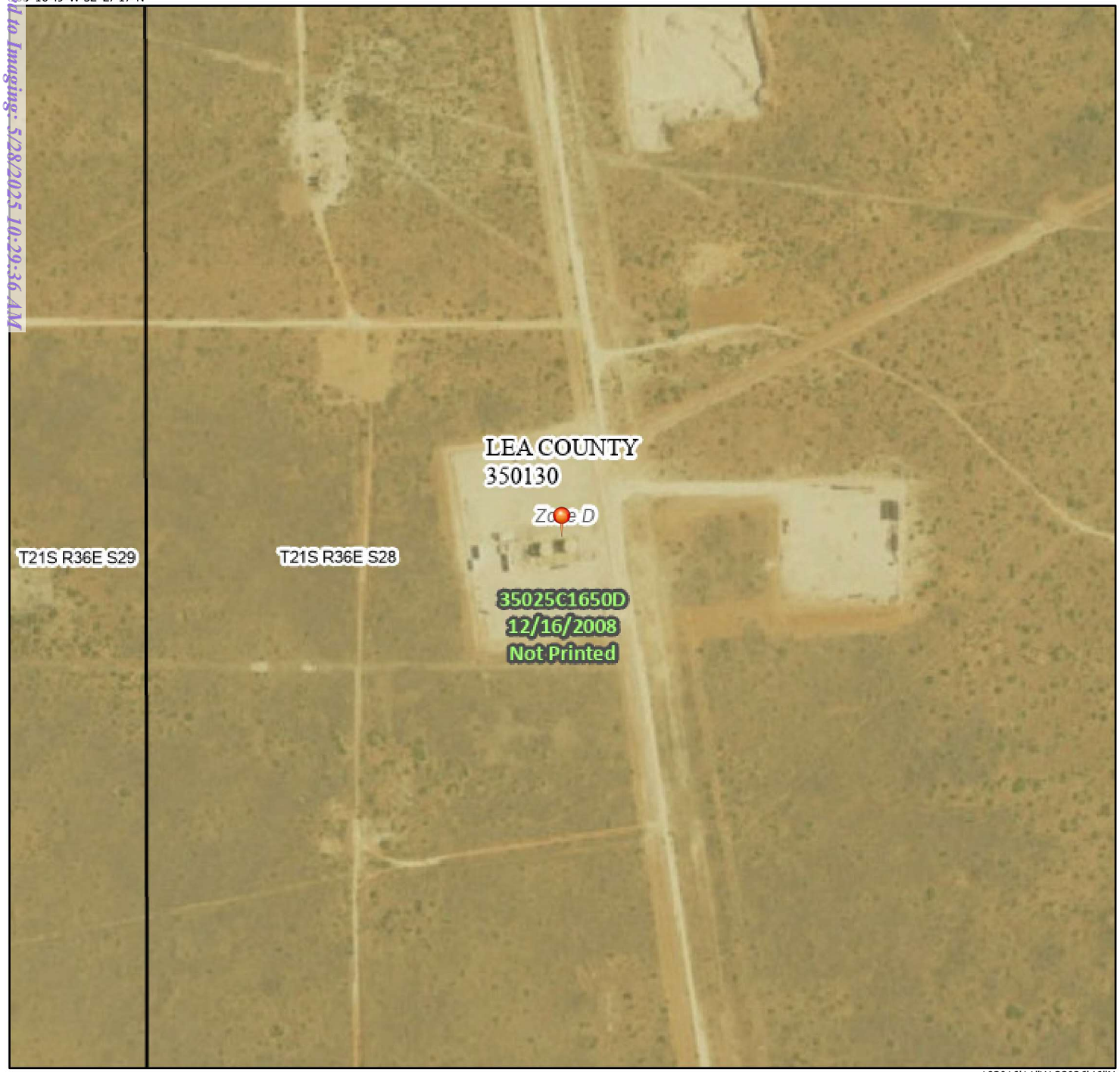
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

National Flood Hazard Layer FIRMette

FEMA



0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

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

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/15/2024 at 12:07 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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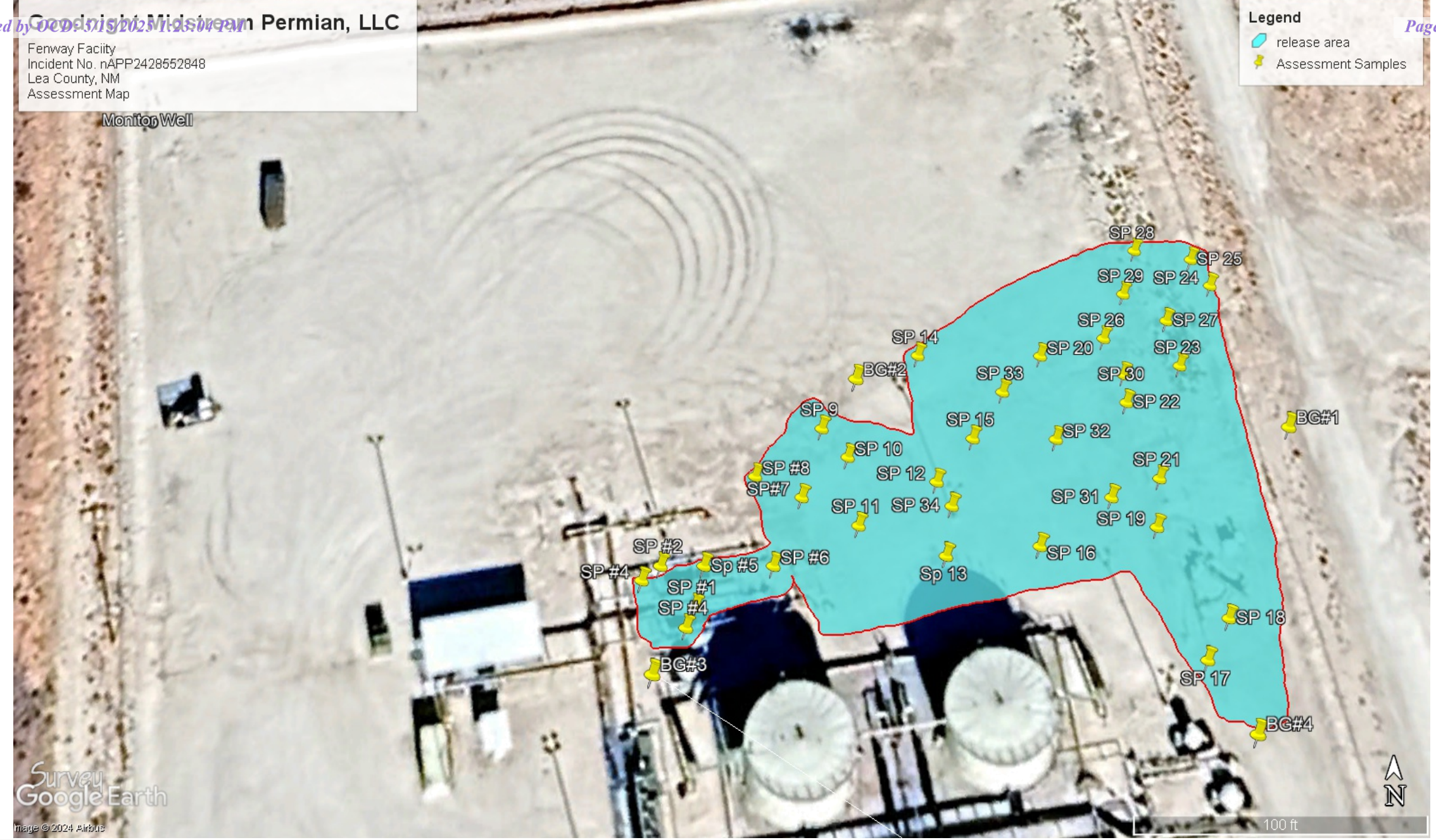
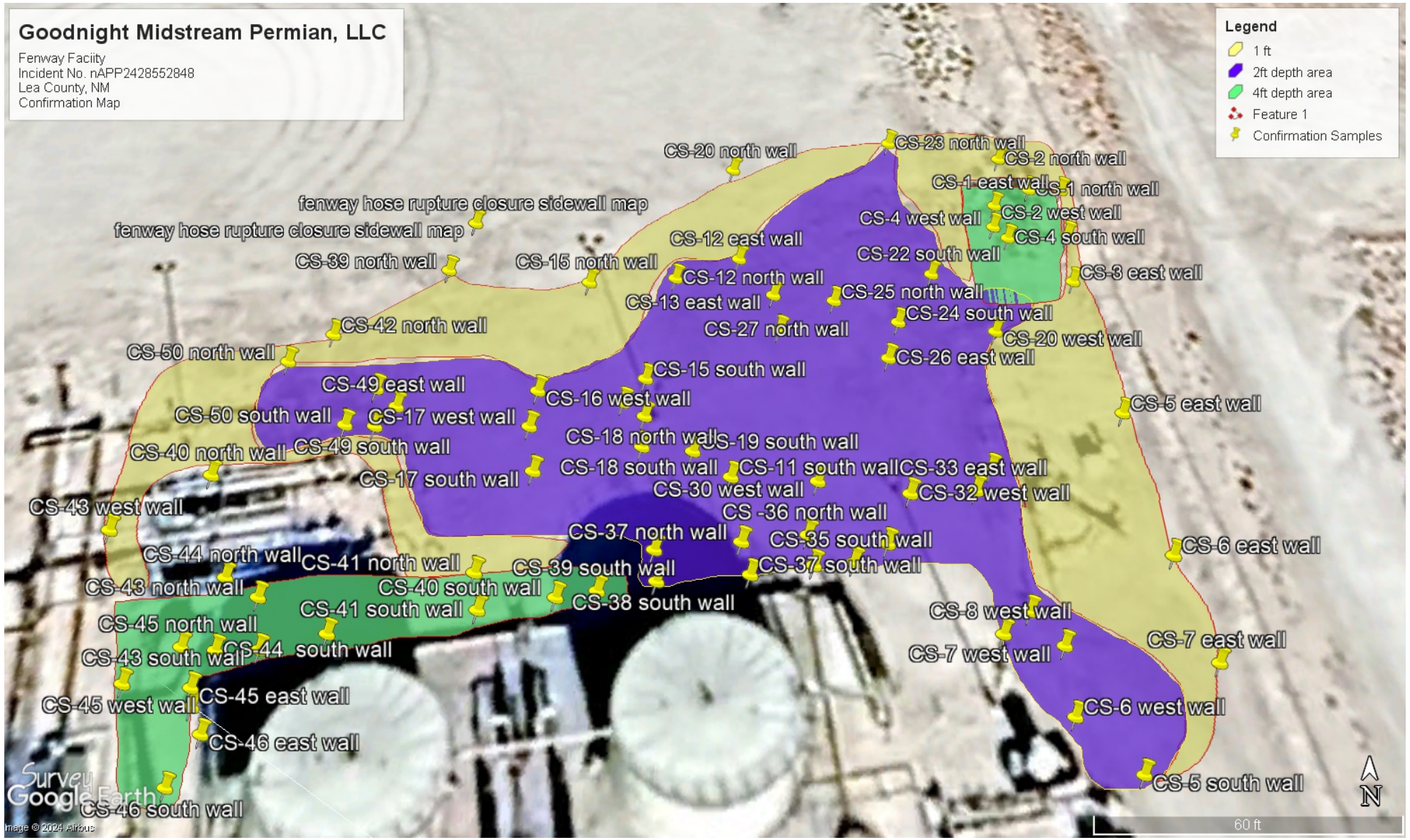


Goodmight Midstream Permian, LLC Fenway Facility Lea County, NM

Site Assessment Map



Goodnight Midstream Permian, LLC Lea County, Fenway Facility

Confimration Map

Table

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Chlorides mg/kg
NMOCD Table 1 Closure Criteria 19.15.29 NMAC			50 mg/kg	10 mg/kg	GRO + DRO + MRO combined = 100 mg/kg			100 mg/kg	600 mg/kg
SP-1	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	2000
CS-1	11/15/2024	4'	ND	ND	ND	ND	ND	0	32
CS-1	11/15/2024	East Wall	ND	ND	ND	56.1	ND	56.4	240
CS-1	11/15/2024	Noth Wall	ND	ND	ND	92.6	ND	92.6	208
SP-2	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	18000
CS-2	11/15/2024	3'	ND	ND	ND	ND	ND	0	ND
CS-2	11/15/2024	N Wall	ND	ND	ND	103	ND	103	224
CS-2	12/10/2024	N Wall	ND	ND	ND	ND	ND	0	16
CS-2	11/15/2024	West Wall	ND	ND	ND	94.3	ND	94.3	208
SP-3	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	1470
CS-3	11/15/2024	2'	ND	ND	ND	ND	ND	0	32
CS-3	11/15/2024	4'	ND	ND	ND	ND	ND	0	32
CS-3	11/15/2024	South Wall	ND	ND	ND	102	ND	102	208
CS-3	11/15/2024	East Wall	ND	ND	ND	69.4	ND	69.4	176
SP-4	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	3960
CS-4	11/15/2024	West Wall	ND	ND	ND	121	ND	121	240
CS-4	11/15/2024	4'	ND	ND	ND	ND	ND	ND	16
CS-4	12/10/2024	West Wall Advanced	ND	ND	ND	ND	ND	0	32
CS-4	11/15/2024	South Wall	ND	ND	ND	76.2	ND	76.2	224
SP-5	10/11/2024	0-1'	ND	ND	34.7	ND	ND	34.7	4400
CS-5	11/15/224	2'	ND	ND	ND	ND	ND	0	400
CS-5	11/15/2024	West Wall	ND	ND	37.1	ND	ND	37.1	192
CS-5	11/15/2024	East Wall	ND	ND	24.9	ND	ND	24.9	192
CS-5	11/15/2024	South Wall	ND	ND	60.1	ND	ND	60.1	208
SP-6	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	11600
CS-6	11/15/2024	2'	ND	ND	ND	ND	ND	0	336
CS-6	11/15/2024	East Wall	ND	ND	ND	ND	ND	0	48
CS-6	11/15/2024	West Wall	ND	ND	ND	67.3	ND	67.3	192
SP-7	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	2360
CS-7	11/15/2024	2'	ND	ND	ND	ND	ND	0	288
CS-7	11/15/2024	West Wall	ND	ND	ND	ND	ND	0	48
CS-7	11/15/2024	East Wall	ND	ND	ND	ND	ND	0	80
CS-8	11/15/2024	West Wall	ND	ND	ND	ND	ND	0	64
SP-8	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	432
CS-8	11/15/2024	2'	ND	ND	ND	ND	ND	0	96
SP-9	10/11/2024	0-1'	ND	ND	11.4	ND	ND	11.4	160
CS-9	11/15/2024	2'	ND	ND	ND	30.8	ND	30.8	176
CS-9	11/15/2024	East Wall	ND	ND	ND	ND	ND	0	80
SP-10	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	528
CS-10	11/15/2024	2'	ND	ND	ND	ND	ND	0	128
SP-11	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	1800
CS-11	11/15/2024	2'	ND	ND	ND	ND	ND	0	272
CS-11	11/15/2024	S. Wall	ND	ND	ND	ND	ND	0	64
CS-12	11/15/2024	East Wall	ND	ND	ND	ND	ND	0	64
CS-12	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	96

SP-12	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	400
CS-12	11/15/2024	2'	ND	ND	ND	ND	ND	0	320
SP-13	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	8400
CS-13	11/15/2024	2'	ND	ND	ND	ND	ND	0	352
CS-13	11/15/2024	East Wall	ND	ND	ND	ND	ND	0	96
SP-14	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	10200
CS-14	11/15/2024	2'	ND	ND	ND	ND	ND	0	336
SP-15	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	528
CS-15	11/15/2024	2'	ND	ND	ND	ND	ND	0	256
CS-15	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	80
CS-15	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	96
SP-16	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	1230
	10/21/2024	2'	ND	ND	ND	ND	ND	0	48
CS-16	11/15/2024	2'	ND	ND	ND	ND	ND	0	272
CS-16	11/15/2024	West Wall	ND	ND	ND	ND	ND	0	96
CS-16	11/15/2024	East Wall	ND	ND	ND	ND	ND	0	80
SP-17	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	64
	10/21/2024	2'	ND	ND	ND	ND	ND	0	256
CS-17	11/15/2024	2'	ND	ND	ND	ND	ND	0	256
CS-17	11/15/2024	West Wall	ND	ND	ND	ND	ND	0	64
	11/15/2024	South Wall	ND	ND	ND	40.1	ND	40.1	208
SP-18	10/11/2024	0-1'	0.597	0.053	ND	ND	ND	0	80
	10/21/2024	2'	ND	ND	ND	ND	ND	0	32
CS-18	11/15/2024	2'	ND	ND	ND	ND	ND	0	400
CS-18	11/15/2024	South Wall	ND	ND	ND	38.6	ND	38.6	192
CS-18	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	64
SP-19	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	272
	10/21/2024	2'	ND	ND	ND	ND	ND	0	48
CS-19	11/15/2024	2'	ND	ND	ND	531	ND	531	704
CS-19	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	80
CS-19	12/10/2024	3'	ND	ND	ND	ND	ND	ND	48
SP-20	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	400
CS-20	11/15/2024	North Wall	ND	ND	ND	62	ND	62	176
CS-20	11/15/2024	2'	ND	ND	ND	ND	ND	0	336
SP-21	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	128
	10/21/2024	2'	ND	ND	ND	ND	ND	0	32
CS-21	11/15/2024	2'	ND	ND	ND	ND	ND	0	288
SP-22	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	48
CS-22	11/15/2024	2'	ND	ND	ND	ND	ND	0	208
CS-20	11/15/2024	West Wall	ND	ND	ND	56.1	ND	56.1	144
SP-23	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	2800
CS-23	11/15/2024	2'	ND	ND	ND	ND	ND	0	224
CS-22	11/15/2024	South Wall	ND	ND	ND	76	ND	76	192
CS-24	11/15/2024	2'	ND	ND	ND	589	ND	589	304
CS-24	12/10/2024	3'	ND	ND	ND	ND	ND	0	32
CS-23	11/15/2024	North Wall	ND	ND	ND	182	ND	182	144
CS-23	12/10/2024	North Wall Advanced	ND	ND	ND	ND	ND	0	32
CS-25	11/15/2024	North Wall	ND	ND	ND	ND	ND	ND	64
CS-24	11/15/2024	South Wall	ND	ND	ND	43.4	ND	43.4	208
CS-25	11/15/2024	2'	ND	ND	ND	ND	ND	0	368
SP-26	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	2480
CS-26	11/15/2024	2'	ND	ND	ND	ND	ND	0	320

CS-26	11/15/2024	East Wall	ND	ND	ND	ND	ND	0	48
SP-27	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	1760
CS-27	11/15/2024	2'	ND	ND	ND	ND	ND	0	400
CS-27	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	80
SP-28	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	2960
CS-28	11/15/2024	2'	ND	ND	ND	ND	ND	0	416
SP-29	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	3680
CS-29	11/15/2024	2'	3.93	<0.050	467	12,100	<50.0	12,567	432
CS-29	12/10/2024	3'	ND	ND	ND	ND	ND	0	48
SP-30	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	3800
SP-30	11/15/2024	2'	ND	ND	ND	ND	ND	0	496
CS-30	11/15/2024	West Wall	ND	ND	ND	ND	ND	0	64
SP-31	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	7440
	10/21/2024	2'	ND	ND	ND	ND	ND	0	208
CS-31	11/15/2024	2'	ND	ND	ND	ND	ND	0	272
SP-32	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	4080
	10/21/2024	2'	ND	ND	ND	ND	ND	0	80
CS-32	11/15/224	2'	ND	ND	ND	ND	ND	0	1170
CS-32	12/10/2024	3'	ND	ND	ND	ND	ND	0	48
CS-32	11/15/2024	W. Wall	ND	ND	ND	49.7	ND	49.7	160
SP-33	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	6160
	10/21/2024	2'	ND	ND	ND	ND	ND	0	240
CS-33	11/15/2024	2'	ND	ND	ND	ND	ND	0	400
CS-33	11/15/2024	East Wall	ND	ND	ND	ND	ND	0	80
SP-34	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	5760
	10/21/2024	2'	ND	ND	ND	ND	ND	0	64
CS-34	11/15/2024	East Wall	ND	ND	ND	79.2	ND	79.2	208
CS-34	11/15/2024	2'	ND	ND	ND	24.3	ND	24.3	192
SP-35	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	4800
CS-35	11/15/2024	2'	ND	ND	ND	11.5	ND	11.5	192
CS-35	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	48
SP-36	10/11/2024	0-1'	ND	ND	ND	ND	ND	0	2400
CS-36	11/15/2024	2'	ND	ND	ND	ND	ND	0	192
CS-40	12/10/2024	4'	ND	ND	ND	ND	ND	0	16
CS-36	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	80
CS-36	11/15/2024	Noth Wall	ND	ND	ND	ND	ND	0	48
CS-37	11/15/2024	2'	ND	ND	ND	42.4	ND	42.4	224
CS-37	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	96
CS-37	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	80
CS-38	11/15/2024	2'	ND	ND	ND	ND	ND	0	224
CS-38	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	96
CS-38	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	96
CS-39	11/15/2024	2'	ND	ND	ND	ND	ND	0	336
CS-39	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	80
CS-39	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	64
CS-40	11/15/2024	4'	ND	ND	ND	ND	ND	0	720
CS-41	11/15/2024	4'	ND	ND	ND	ND	ND	0	64
CS-40	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	80
CS-40	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	96

CS-41	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	64
CS-41	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	64
CS-42	11/15/2024	4'	ND	ND	ND	ND	ND	0	48
CS-42	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	80
CS-42	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	64
CS-43	11/15/2024	4'	ND	ND	ND	ND	ND	0	192
CS-43	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	96
CS-43	11/15/2024	West Wall	ND	ND	ND	ND	ND	0	80
CS-43	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	64
CS-44	11/15/2024	4'	ND	ND	ND	<16.0	ND	<16.0	336
CS-44	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	64
CS-44	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	80
CS-45	11/15/2024	4'	ND	ND	ND	ND	ND	0	560
CS-45	11/15/2024	West Wall	ND	ND	ND	ND	ND	0	80
CS-45	11/15/2024	East Wall	ND	ND	ND	ND	ND	0	80
CS-46	11/15/2024	4'	ND	ND	ND	ND	ND	0	480
CS-46	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	64
CS-46	11/15/2024	North Wall	ND	ND	ND	ND	ND	0	80
CS-46	11/15/2024	East Wall	ND	ND	ND	ND	ND	0	80
CS-47	11/15/2024	2'	ND	ND	ND	ND	ND	0	192
CS-48	11/15/2024	2'	ND	ND	ND	ND	ND	0	592
CS-49	11/15/2024	2'	ND	ND	ND	36.5	ND	36.5	208
CS-49	11/15/2024	South Wall	ND	ND	ND	ND	ND	0	64
CS-49	11/15/2024	North Wall	ND	ND	ND	35.6	ND	35.6	160
CS-49	11/15/2024	East Wall	ND	ND	ND	58.2	ND	58.2	144
CS-50	11/15/2024	2'	ND	ND	ND	50.5	ND	50.5	160
CS-50	11/15/2024	South Wall	ND	ND	ND	18.5	ND	18.5	64
CS-50	11/15/2024	North Wall	ND	ND	ND	75.3	ND	75.3	240
BG #1	11/15/2024	0-1'	ND	ND	ND	ND	ND	0	80
BG#2	11/15/2024	0-1'	ND	ND	ND	ND	ND	0	160
BG#3	11/15/2024	0-1'	ND	ND	ND	ND	ND	0	192
BG#4	11/15/2024	0-1'	ND	ND	ND	ND	ND	0	192
ND=Non Detect									

OCD Permitting

NAPP2428552848 FENWAY @ 0

General Incident Information

Site Name:	FENWAY		
Well:			
Facility:	[fNV2402651550] FENWAY TANK 113		
Operator:	[372311] GOODNIGHT MIDSTREAM PERMIAN, LLC		
Status:	Initial C-141 Approved, Pending submission of Site Characterization / Remediation Plan OR Remediation Closure Report from the operator		
Type:	Produced Water Release	**Severity:**	Major
		Surface Owner:	Private
District:	Hobbs	**County:**	Lea (25)
Incident Location:	F-28-21S-36E 0 FNL 0 FEL		
Lat/Long:	32.450382,-103.274933 NAD83		
Directions:			

Notes

Source of Referral:	Industry Rep	**Action / Escalation:**	
Resulted In Fire:	☐	**Resulted In Injury:**	☐
Endangered Public Health:	☐	**Will or Has Reached Watercourse:**	☐
Fresh Water Contamination:	☐	**Property Or Environmental Damage:**	☐

Contact Details

Contact Name:	**Contact Title:**

Event Dates

Date of Discovery:	10/10/2024	**Initial C-141 Report Due:**	10/25/2024
		Remediation Closure Report Due:	06/17/2025

Incident Dates

Type	Action	Received	Denied	Approved
Remediation Closure Report	[419316]	01/10/2025	01/15/2025	
Sampling Notice	[449212]	04/07/2025		04/07/2025
Sampling Notice	[422107]	01/17/2025		01/17/2025
Sampling Notice	[409242]	12/06/2024		12/06/2024
Sampling Notice	[402628]	11/12/2024		11/12/2024
Sampling Notice	[400132]	11/06/2024		11/06/2024

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- New T
- New V

Remediation Plan	[419316]	01/10/2025	01/15/2025	
Site Characterization	[419316]	01/10/2025	01/15/2025	
Initial C-141 Report	[392088]	10/11/2024		10/15/2024
Notification	[392074]	10/11/2024		10/11/2024

Compositional Analysis of Vented and/or Flared Natural Gas

No Compositional Analysis Found

Incident Materials

Cause	Source	Material	Volume Unk.	Volume Released	Volume Recovered	Volume Lost	Units
Equipment Failure	Other (Specify)	Produced Water	☐	228	0	228	BBL

The concentration of dissolved chloride in the produced water >10,000 mg/l: ☐ Yes ☑ No

Cause of Release OR Additional Details provided for materials released:
Equipment failure was high pressure hose

Incident Events

Date	Detail
04/07/2025	The (04/07/2025, C-141N) application [449212] was assigned to this incident.
03/19/2025	The (03/19/2025, C-141) application [434120] was rejected by OCD. The operator was emailed with details of this event.
03/19/2025	Remediation closure denied (cont.): 6) CS-42, SP-51A is missing from Figure. 7) TPH should have ND in column and not 0 as the results are ND which are above 0. 8) Five-point composite samples need to be collected in stockpiled soil area shown on pg. 49 of report, representing no more than 200 square feet to ensure all contaminated soil was removed, if this has not already occurred. 9) It appears that several of the newly collected samples were collected at 2' depth within areas that were excavated to 4' which means you were just sampling backfill material at SP-34A through 36A, SP-44A and SP-68A through SP-70A. These 7 samples do not count toward satisfying the base sample requirement. Submit updated remediation closure report or deferral request to the OCD by 6/17/25.
03/19/2025	Remediation closure is denied for the following: 1) The following reasons of rejection in the denial on 1/15/25 have not been addressed--Under the Site Characterization section of C-141 application, update the minimum distances to the following: Playa Lake and Wetland .78 miles to NE (Refer to pg. 14 of report). Even if a wetland is man-made, it is still a wetland. The attached photos show it holding water. A fresh water well used for stock watering purposes 1-5 miles (OSE POD CP 00539 and 00475). Referring to Sidewall Confirmation Map, if entire purple section was excavated to 2' why are there sidewall sample locations scattered throughout it instead of just around the perimeter? Explain or update Figure. If you did not excavate the entire area, ensure the figure shows the exact areas that were excavated. Area of SP1, SP2, SP4 and SP5 looks like it was not addressed during excavation based on the Figures provided. When you look at the Confirmation Map it shows the area south of these samples having been excavated. Explain. If there are any contaminants left in this area due to production equipment, a deferral would need to be requested. In Table provided, CS-40 was collected at 4' on 11/15/24 and exceeded Table I standards but then collected on 12/10/24 and it was below Table I standards. Was this area overexcavated? Explain in remediation summary per 19.15.29.12(D) NMAC. CS-30 lab data is missing from the Table. 2) Both Sidewall Confirmation Map and Bottom Sample Confirmation Maps are difficult to read and need reformatting. I suggest breaking up the bottom confirmation locations either into SP and CS and have a separate CS map and separate SP map where you could remove SP and CS before the number so there is not so much wording on the Figure. Otherwise, you could separate the pad into different areas and blow

	incorrect locations. The reviewer needs to understand where each sample was collected and at what depths. 5) Explain why the Bottom Confirmation Sample map has gaps. There is nothing collected between SP-59 A and SP-90A, in between SP-46A and CS-30, in between CS-50 and CS-49, and SP-74A and SP-83A for instance. If the entire colored area was not excavated, update Figures to reflect this. In addition on this map, the samples collected in the area of SP-35A, CS-41, etc. run together and the pin locations are covered by words. Ensure I can tell where each sample point is.
03/19/2025	An application [434120] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event.
02/21/2025	The (03/19/2025, C-141) application [434120] was assigned to this incident.
01/27/2025	The (01/27/2025, IM-BNF) application [424983] was accepted by OCD. The operator was emailed with details of this event.
01/27/2025	The (01/27/2025, IM-BNF) application [424983] was assigned to this incident.
01/17/2025	The (01/17/2025, C-141N) application [422107] was assigned to this incident.
01/15/2025	The (01/15/2025, C-141) application [419316] was rejected by OCD. The operator was emailed with details of this event.
01/15/2025	Remediation closure denied for the following: Pursuant to 19.15.29.12(D)1(c) NMAC, confirmation samples must be collected from the remediated area representative of no more than 200 square feet. To the question “What was the total surface area (in square feet) remediated?” You answered “21,699”. 108 samples should have been collected from the base of the excavations alone and you have collected 50. Sidewall samples are then collected as five-point composite samples every 200 ft2 around the perimeter of the base of the excavations. Under the Site Characterization section of the C-141 application update the minimum distances to the following: playa lake and wetland are .78 miles to the NE (refer to pg. 14 of report); a fresh water well used for stock watering purposes are within 1-5 miles (OSE POD CP-00539 and CP-00475. Since this was a large excavation, more "photographs of the remediated site prior to backfill" should be provided pursuant to 19.15.29.12(E)1(b) NMAC. Captions should be included to help understand what sampling locations are being viewed in each photo.Sidewall Confirmation Map shows wall samples interspersed throughout excavation area. Please explain or update Figure with correct locations. Provide a separate site map with confirmation bottom sample locations per 19.15.29.12(E)1 NMAC. The locations of SP3, SP35, SP36 are missing from Site Assessment map. SP4 appears twice. Update. Area of SP1, SP2, SP4 and SP5 looks like it was not addressed during excavation. When you look at the Confirmation Map it shows the area south of these samples having been excavated. Explain. In Table provided, CS-40 was collected at 4’ on 11/15/24 and exceeded the RRALs but then collected on 12/10/24 and it was clean. Was this area overexcavated? CS-30 lab data is missing from the Table. Resubmit remediation closure report to the OCD by 4/15/25.
01/15/2025	An application [419316] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event.
01/10/2025	The (01/15/2025, C-141) application [419316] was assigned to this incident.
12/06/2024	The (12/06/2024, C-141N) application [409242] was assigned to this incident.
11/12/2024	The (11/12/2024, C-141N) application [402628] was assigned to this incident.
11/06/2024	The (11/06/2024, C-141N) application [400132] was assigned to this incident.
11/04/2024	The (11/04/2024, C-141N) application [399051] was assigned to this incident.
10/30/2024	The (10/30/2024, C-141N) application [397478] was assigned to this incident.
10/15/2024	The (10/15/2024, C-141) application [392088] was accepted by OCD. The operator was emailed with details of this event.
10/15/2024	An application [392088] was submitted to OCD for review. It was submitted, indicating that it was an: [C-141] Application for administrative approval of a release notification and corrective action The operator was emailed confirmation of this event.
10/11/2024	The (10/15/2024, C-141) application [392088] was assigned to this incident.
10/11/2024	The (10/11/2024, NOR) application [392074] was assigned to this incident.
10/11/2024	New incident created by the operator, upon the submission of notification of release.
10/10/2024	Release discovered by the operator.

Incident Corrective Actions

Initial Response

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

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

Site Characterization

What is the shallowest depth to groundwater beneath the area affected by the release?	Between 100 and 500 (ft.) bgs
What method was used to determine the depth to ground water?	Direct Measurement
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Between 1 and 5 (mi.)
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	Greater than 5 (mi.)
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	Greater than 5 (mi.)
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?	Greater than 5 (mi.)
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	Greater than 5 (mi.)
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	Greater than 5 (mi.)
Are the lateral extents of the release within 300 feet of a wetland?	Greater than 5 (mi.)
Are the lateral extents of the release overlying a subsurface mine?	Greater than 5 (mi.)
Are the lateral extents of the release overlying an (non-karst) unstable area?	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology?	None
Are the lateral extents of the release within a 100-year floodplain?	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☑ No

Remediation Plan

Have the lateral and vertical extents of contamination been fully delineated?	☐ Yes ☑ No
On what estimated date will the remediation commence?	
On what date will (or did) the final sampling occur?	
On what date will (or was) the remediation complete(d)	

Release is indicated as not yet fully delineated. Any Deferral Requests received may not be granted for this incident.

No remediation closure report data was found for this incident.

No reclamation report data was found for this incident.

No re-vegetation report data was found for this incident.

1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220

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

QUESTIONS

Action 392074

QUESTIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 392074
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Fenway
Date Release Discovered	10/10/2024
Surface Owner	Private

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Produced Water | Released: 462 BBL | Recovered: 0 BBL | Lost: 462 BBL.
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)	Equipment failure was high pressure hose

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QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 392074
	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	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 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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Santa Fe, NM 87505

ACKNOWLEDGMENTS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 392074
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☑	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
☑	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
☑	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
☑	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.
☑	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

Operator:	OGRID:
GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	372311
	Action Number: 392074
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
rtijerina	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/11/2024

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 463767

QUESTIONS

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 463767
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2428552848**
Incident Name	**NAPP2428552848 FENWAY @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**
Incident Facility	**[fNV2402651550] FENWAY TANK 113**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	FENWAY
Date Release Discovered	10/10/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Produced Water | Released: 228 BBL | Recovered: 0 BBL | Lost: 228 BBL.
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)	Equipment failure was high pressure hose

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QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 463767
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

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

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative 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: Ralph Tijerina Title: Director of EH&S Email: rtijerina@goodnightmidstream.com Date: 05/15/2025

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QUESTIONS (continued)

Operator: GOODNIGHT MIDSTREAM PERMIAN, LLC 5910 North Central Expressway Dallas, TX 75206	OGRID: 372311
	Action Number: 463767
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	18000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	12600
GRO+DRO (EPA SW-846 Method 8015M)	12600
BTEX (EPA SW-846 Method 8021B or 8260B)	3.9
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	10/21/2024
On what date will (or did) the final sampling or liner inspection occur	07/14/2025
On what date will (or was) the remediation complete(d)	08/13/2025
What is the estimated surface area (in square feet) that will be reclaimed	25600
What is the estimated volume (in cubic yards) that will be reclaimed	770
What is the estimated surface area (in square feet) that will be remediated	10500
What is the estimated volume (in cubic yards) that will be remediated	770
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator:	OGRID:
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QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	OWL LANDFILL JAL [fJEG1635837366]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ralph Tijerina Title: Director of EH&S Email: rtijerina@goodnightmidstream.com Date: 05/15/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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QUESTIONS

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

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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**449212**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/10/2025**
What was the (estimated) number of samples that were to be gathered	**48**
What was the sampling surface area in square feet	**6000**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 463767

CONDITIONS

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	Action Number: 463767
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CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved with conditions. Prior to collection of the proxy confirmation samples, email a sampling plan including exact location of sample points and intended depths of collection for each sample point so that OCD may review first.	5/28/2025