# RED HILLS 2 AMINE SPILL Remediation Summary & Closure Report

NMOCD Incident No. nAPP2401752221 UL "J", Sec. 13, T24S, R33E 32.216972°, -103.524917° Lea County, New Mexico

August 23, 2024



## PREPARED ON BEHALF OF

Targa Resources 201 South 4<sup>th</sup> Street Artesia, NM 88210



## **PREPARED BY**

Tasman, Inc. 2620 W. Marland Blvd. Hobbs, NM 88240





August 23, 2024

Targa Resources 201 South 4th Street Artesia, NM 88210

Attn: Ms. Amber Groves

Email: agroves@targaresources.com

Re: Remediation Summary & Closure Report

Red Hills 2 Amine Spill

UL "J", Section 13, Township 24 South, Range 33 East

Lea County, New Mexico

NMOCD Incident No. nAPP2401752221

Tasman Project No. 7138

Dear Ms. Groves,

Tasman, Inc. (Tasman) is pleased to submit this Remediation Summary and Closure Report for the above referenced site. Site assessment and remediation activities were executed in accordance with the New Mexico Oil Conservation Division (NMOCD) regulations concerning the remediation of releases of natural gas and natural gas condensate to the environment.

Manual excavation was utilized to remove approximately 516 cubic yards of impacted material from the release area. Based on laboratory analytical results from soil samples collected during confirmation sampling activities, impacted soil within the release area has been remediated below the applicable NMOCD Action Levels and in accordance with NMOCD standards. Additional project details are provided in the attached summary report.

Tasman appreciates the opportunity to provide environmental services to Targa Resources. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Sincerely,

Tasman, Inc.

Brett Dennis
Senior Project Manager
bdennis@tasman-geo.com

Kyle Norman
Southwest Regional Manager
<a href="mailto:knorman@tasman-geo.com">knorman@tasman-geo.com</a>

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## 1.0 INTRODUCTION

Tasman, Inc. (Tasman) is pleased to submit this Remediation Summary and Closure Report for the Red Hills 2 Amine Spill (site) on behalf of Targa Resources (Targa) documenting the results of field activities conducted in response to a release of amines to environmental media.

## 1.1 Site Description

The site is located in Unit Letter "J", Section 13, Township 24 South, Range 33 East (32.216972°, -103.524917°) in Lea County, New Mexico. The property on which the release occurred is held by Targa.

## 1.2 Release Detail and Initial Response

On January 17, 2024, the release was discovered by Targa personnel. The release occurred due to valve failure on the Red Hills 2 amine system. A Notification of Release (NOR) and initial Form C-141 were provided to the New Mexico Oil Conservation District (NMOCD) via online portal on January 17 and 26, 2024, respectively. The release resulted in the loss of approximately 43 barrels (bbls) of a 55-45% mixture of freshwater and amine to the surrounding environmental media. Targa personnel shut in the system to isolate the release. The system was later repaired and returned to service. No amine was recovered. Copies of the NMOCD notifications are provided in Appendix A.

## 2.0 SITE CHARACTERISTICS

## 2.1 Depth to Groundwater

Tasman reviewed available depth to groundwater information available through 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 registered water well, identified as C-03917-POD1, is located 0.39 miles from the site. Static water level was measured at 420 feet below ground surface (ft bgs) in 2016.

The Site Location & Groundwater Map included as Figure 1 illustrates the location of the registered water wells 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

Tasman utilized the publicly available karst potential map published by the Bureau of Land Management (BLM) Carlsbad Field Office (CFO) to determine the potential for encountering karst formations beneath the site. Review of the BLM CFO karst potential map indicates that the site is not located in an area of high potential to encounter karstic features.

Tasman utilized the United States Geologic Survey (USGS) Mineral Resources database to determine that there are no subsurface mines beneath or in the vicinity of the site.

Areas of high/critical karst and subsurface mine locations are illustrated on Figure 2.

## 2.3 Distance to Nearest Potable Water Well

The nearest potable water well was identified as C-03917-POD1. The well is located 0.39 miles from the site and as of 2016 was utilized for domestic use. The location of C-03917-POD1 is shown on the attached Figure 1.

#### 2.4 Distance to Nearest Surface Water

Tasman 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 significant surface water was identified as San Simon Sink located 0.9 miles from the site. One freshwater emergent wetland was identified 0.82 miles from the site. The location of the nearest wetland is illustrated on Figure 1 and surface water body on Figure 3.

## 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 (ft) 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:	~420	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 a 100-year floodplain?	☐ Yes	☑ No

## 3.0 REMEDIATION ACTION LEVELS

NMOCD assessment and cleanup levels for hydrocarbon and produced water releases are based on depth to groundwater and proximity to sensitive receptors as established in NMAC 19.15.29. Therefore, the NMOCD Action Levels for a site with a depth to groundwater greater than 100 feet bgs are applicable at the site; these Action Levels are as follows:

Constituent	Remediation Action Level
Chloride	20,000 mg/kg
TPH (GRO+DRO+MRO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 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

In email correspondence with NMOCD representative Nelson Velez on January 31, 2024 (Appendix A), additional analysis of pH in confirmation soil samples were requested. No Action Level for soil is listed for this analysis by the NMOCD.

#### 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. Since the



release occurred within the active Red Hills Plant facility, reclamation will be deferred until the time of facility abandonment.

#### 4.0 SOIL SAMPLING PROCEDURES

#### 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 delivery under a chain of custody form to Envirotech in Farmington, New Mexico.

#### 4.2 **Soil Analytical Methods**

Each soil sample was analyzed using Environmental Protection Agency (EPA) methods or other NMOCD-approved methods. Laboratory analytical methods are as follows:

- Chloride EPA Method 300.
- Total Petroleum Hydrocarbons (TPH) gasoline, diesel, and motor/lube oil range organics (GRO+DRO+MRO) – EPA Method 8015M Extended.
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) EPA Method 8021B.
- pH EPA Method 9045D

#### **SUMMARY OF REMEDIAL ACTIVITIES** 5.0

#### 5.1 **Remedial Activities**

From April 8 to May 14, 2024, Tasman manually excavated impacted soil from within the release margins. Excavated material was stockpiled on-site atop a polyethylene liner pending transportation to an NMOCD approved disposal facility.

The remedial final excavations measured approximately 249-ft long by 91-ft wide at 0.5-ft deep and 51-ft long by 15-ft wide at 1-ft deep. Approximately 516 cubic yards of excavated material was exported to Northern Delaware Basin Landfill.

A photographic log is provided in Appendix C. Copies of solid manifests are available upon request.



## **5.2** Confirmation Data Evaluation

On April 30, 2024, Targa provided a sampling notification via the NMOCD online portal (Appendix A). On May 6, 2024, Tasman mobilized to the site to collect confirmation soil samples from the base of the remedial excavation. Ninety-five confirmation soil samples were collected from the base of the excavation. Each confirmation soil sample was collected as a five-point composite representing approximately 200 square feet (ft²) or less of excavation base or sidewall area.

Concentrations of TPH were detected above the laboratory reported detection limit (RDL) in various samples but below the applicable NMOCD Action Level. Detected concentrations of TPH ranged from 25.5 milligrams per kilogram (mg/kg) in confirmation soil sample FL-95 to 1,022 mg/kg in confirmation soil sample FL-80.

No collected confirmation soil samples showed concentrations of chlorides exceeding the NMOCD Action Level of 600 mg/kg.

Concentrations of benzene and total BTEX were detected above the laboratory RDL in various samples but below the applicable NMOCD Action Level. Detected concentrations ranged from 0.0270 mg/kg in confirmation soil sample FL-79 to 0.0472 mg/kg in confirmation soil sample FL-88 for benzene and 0.0265 mg/kg in confirmation soil sample FL-93 to 0.132 mg/kg in confirmation soil sample FL-88 for total BTEX.

A summary of soil analytical results are provided as Table 1 and certified laboratory analytical reports are provided in Appendix D. The attached Figure 5 illustrates excavation extents and confirmation sample locations.

## 6.0 RESTORATION AND RECLAMATION

One five-point composite sample was collected of backfill material (Table 2). Laboratory analytical results confirm that backfill material does not contain concentrations of chemicals greater than NMOCD Reclamation levels. The remedial excavation was backfilled and returned to the condition that existed prior to the release to the greatest extent practicable. The release area occurred within an active gas plant; therefore, reclamation and revegetation will be deferred until the time of facility abandonment.



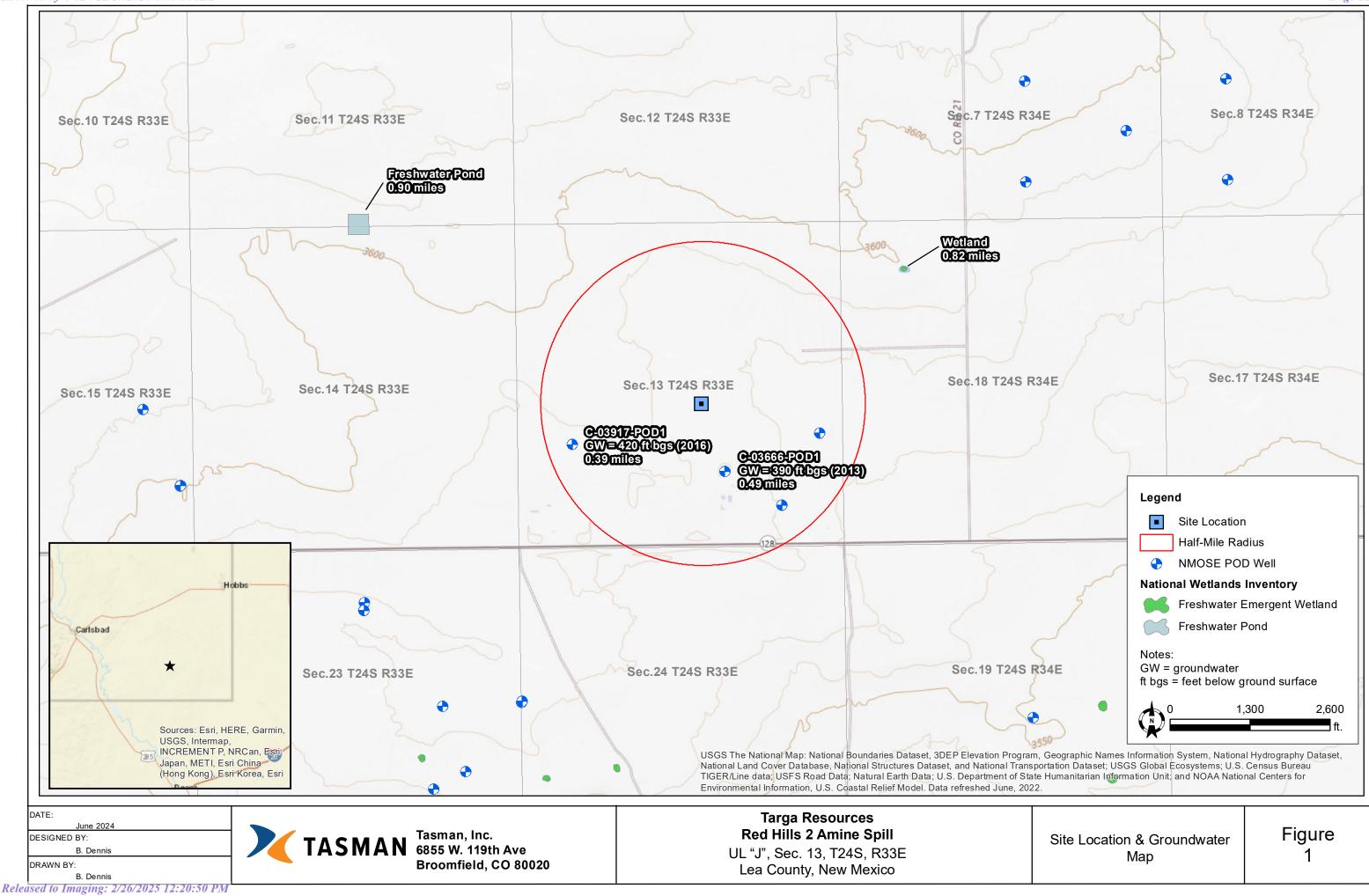
## 7.0 SITE CLOSURE REQUEST

Based on laboratory analytical results from soil samples collected during the confirmation sampling events, impacted soil within the release area has been remediated below the applicable NMOCD Action Levels in accordance with NMAC 19.15.29. As such, Tasman, on behalf of Targa, respectfully requests that the site be granted closure.

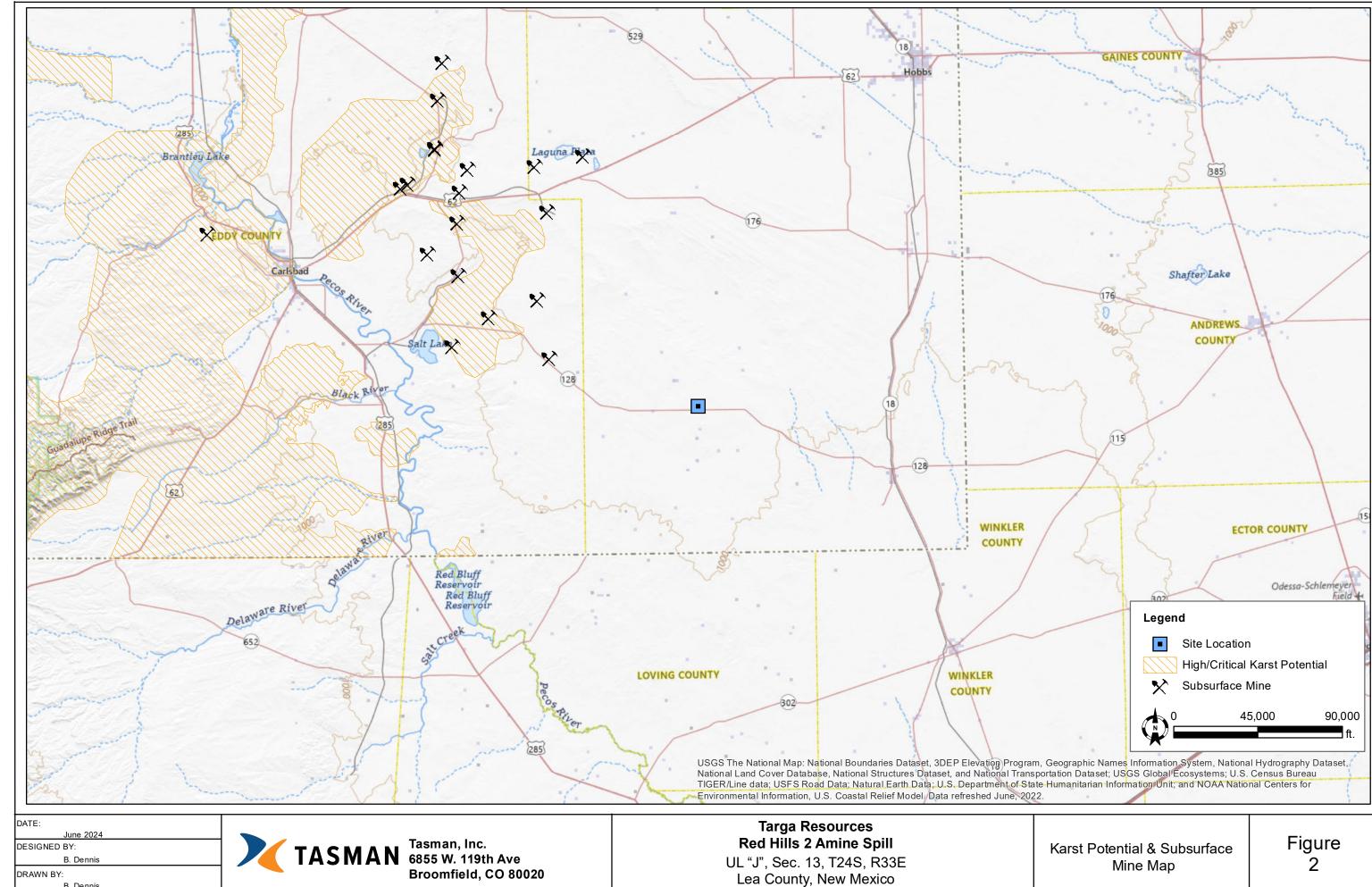
**Figures** 

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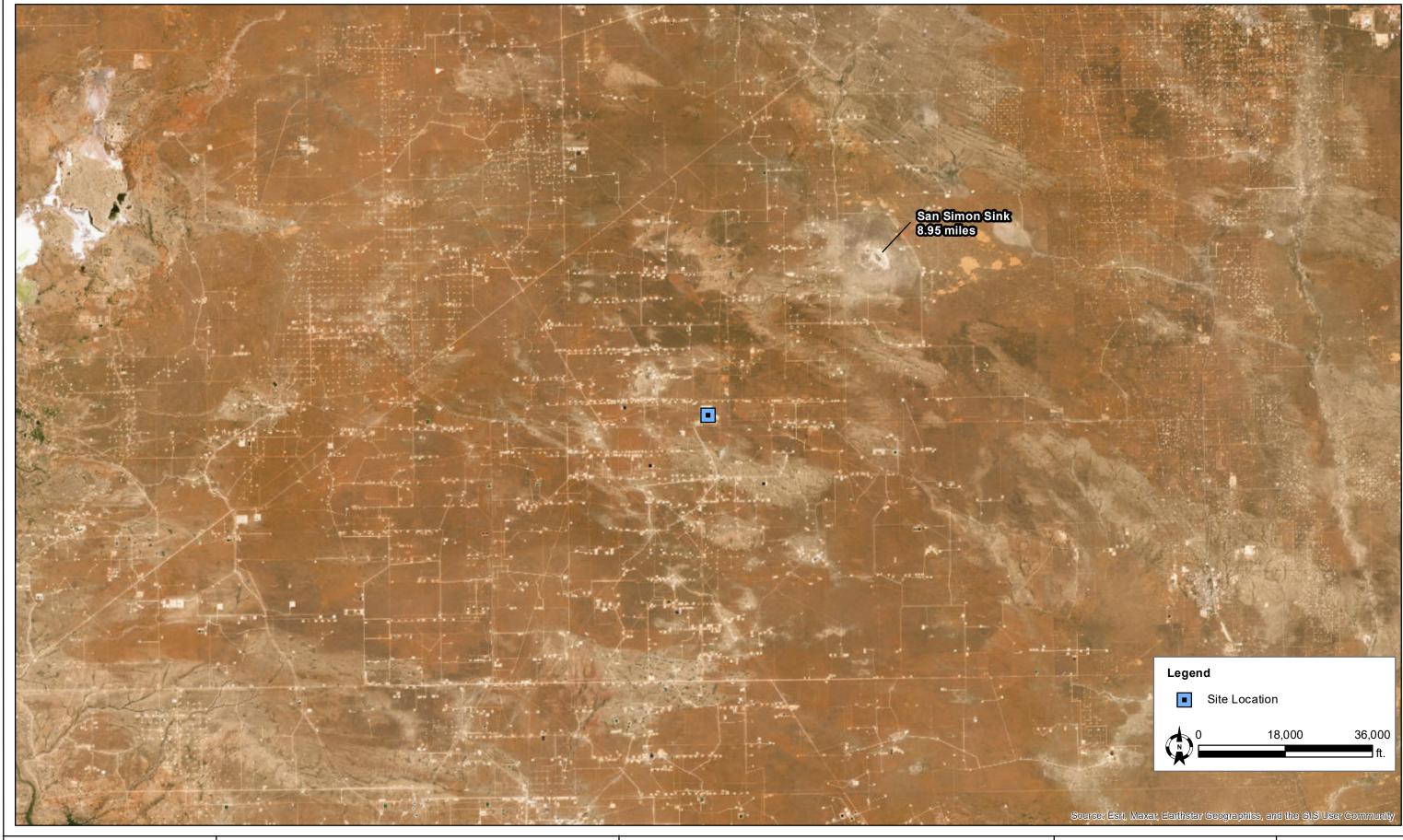


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DATE:

DESIGNED BY:

B. Dennis

DRAWN BY:

TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020

Targa Resources Red Hills 2 Amine Spill

UL "J", Sec. 13, T24S, R33E Lea County, New Mexico

Surface Water Map

Figure

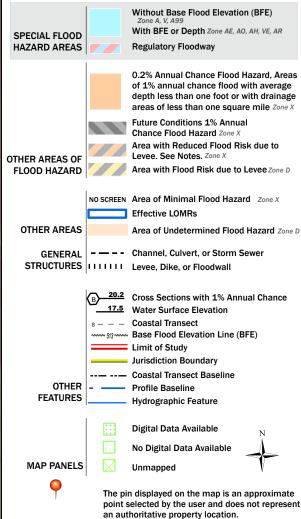
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Legend

Figure 4

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



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

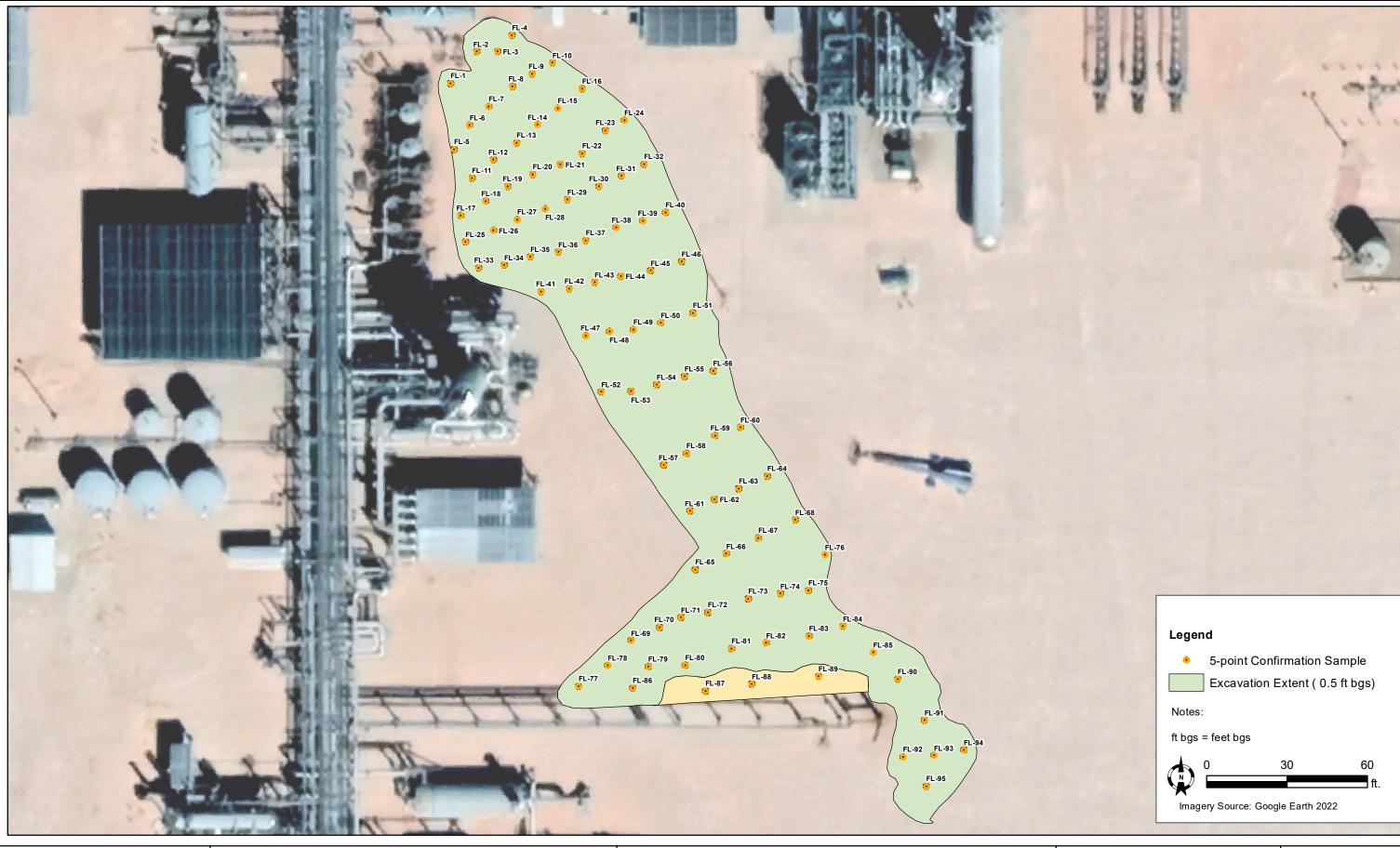
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/27/2024 at 7:06 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



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DATE:

June 2024

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Targa Resources Red Hills 2 Amine Spill

UL "J", Sec. 13, T24S, R33E Lea County, New Mexico Excavation Overview Map

Figure 5 **Table** 

# TABLE 1 - SOIL ANALYTICAL SUMMARY - CONFIRMATION SOIL SAMPLES Targa Resources Red Hills 2 Amine Spill

NMOCD Incident No. nAPP2401752221

Sample ID	Sample	Sample Date	Soil	PID (ppm)	Field Chloride (mg/kg)	Benzene	Total BTEX <sup>1</sup>		TPH <sup>2</sup> (ı	mg/kg)		Chloride <sup>3</sup> (mg/kg)	-11
Sample ID	Depth (ft)	Sample Date	Status			(mg/kg)	(mg/kg)	GRO	DRO	MRO	TOTAL		рН
FL-1	0.5	5/6/2024	In-Situ	2.6	178	<0.0250	<0.0250	<20.0	89.1	54.2	143	32.0	8.26
FL-2	0.5	5/6/2024	In-Situ	40.8	337	<0.0250	0.094	<20.0	269	124	393	67.1	8.70
FL-3	0.5	5/6/2024	In-Situ	27.0	259	0.0290	0.093	<20.0	230	94.8	325	71.2	8.44
FL-4	0.5	5/6/2024	In-Situ	19.9	211	<0.0250	<0.0250	<20.0	207	89.1	296	97.5	8.29
FL-5	0.5	5/6/2024	In-Situ	1.5	172	<0.0250	<0.0250	<20.0	84.0	<50.0	84.0	71.7	8.23
FL-6	0.5	5/6/2024	In-Situ	2.0	246	<0.0250	<0.0250	<20.0	75.8	<50.0	75.8	82.2	8.12
FL-7	0.5	5/6/2024	In-Situ	2.1	232	<0.0250	<0.0250	<20.0	85.4	<50.0	85.4	60.1	7.97
FL-8	0.5	5/6/2024	In-Situ	3.1	287	<0.0250	<0.0250	<20.0	181	73.4	254	86.0	7.94
FL-9	0.5	5/6/2024	In-Situ	2.8	260	<0.0250	<0.0250	<20.0	160	62.4	222	140	7.90
FL-10	0.5	5/6/2024	In-Situ	2.6	242	<0.0250	<0.0250	<20.0	64.6	<50.0	64.6	99.9	8.22
FL-11	0.5	5/6/2024	In-Situ	2.7	176	<0.0250	<0.0250	<20.0	27.8	<50.0	27.8	55.0	8.01
FL-12	0.5	5/6/2024	In-Situ	2.4	200	<0.0250	<0.0250	<20.0	43.6	<50.0	43.6	62.9	8.11
FL-13	0.5	5/6/2024	In-Situ	2.2	235	<0.0250	<0.0250	<20.0	70.2	<50.0	70.2	50.7	8.02
FL-14	0.5	5/6/2024	In-Situ	2.9	171	<0.0250	<0.0250	<20.0	72.3	<50.0	72.3	56.6	8.14
FL-15	0.5	5/6/2024	In-Situ	2.5	199	<0.0250	<0.0250	<20.0	55.1	<50.0	55.1	71.0	8.21
FL-16	0.5	5/6/2024	In-Situ	2.4	212	<0.0250	<0.0250	<20.0	59.2	<50.0	59.2	82.3	8.21
FL-17	0.5	5/6/2024	In-Situ	3.0	234	<0.0250	<0.0250	<20.0	48.9	<50.0	48.9	61.4	8.22
FL-18	0.5	5/6/2024	In-Situ	7.4	274	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	46.5	8.04
FL-19	0.5	5/6/2024	In-Situ	2.1	255	<0.0250	<0.0250	<20.0	26.5	<50.0	26.5	57.6	8.15
FL-20	0.5	5/6/2024	In-Situ	0.4	286	<0.0250	<0.0250	<20.0	29.7	<50.0	29.7	45.1	8.01
FL-21	0.5	5/6/2024	In-Situ	1.6	335	<0.0250	<0.0250	<20.0	31.8	<50.0	31.8	47.6	8.07
FL-22	0.5	5/6/2024	In-Situ	0.4	246	<0.0250	<0.0250	<20.0	39.5	<50.0	39.5	35.5	8.56
FL-23	0.5	5/6/2024	In-Situ	2.4	237	<0.0250	<0.0250	<20.0	38.4	53.9	92.3	36.7	8.18
FL-24	0.5	5/6/2024	In-Situ	2.5	227	<0.0250	<0.0250	<20.0	25.3	<50.0	25.3	38.1	8.33
FL-25	0.5	5/6/2024	In-Situ	2.8	235	<0.0250	<0.0250	<20.0	36.9	<50.0	36.9	23.8	7.89
FL-26	0.5	5/6/2024	In-Situ	2.7	273	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	31.0	7.89
FL-27	0.5	5/6/2024	In-Situ	2.2	228	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	40.8	8.03
FL-28	0.5	5/6/2024	In-Situ	1.9	226	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	27.6	8.02
FL-29	0.5	5/6/2024	In-Situ	2.2	144	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	32.9	8.98
FL-30	0.5	5/6/2024	In-Situ	2.6	140	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<20.0	8.05
FL-31	0.5	5/6/2024	In-Situ	2.6	182	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	28.2	8.34
FL-32	0.5	5/6/2024	In-Situ	2.1	182	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	30.1	8.37
FL-33	0.5	5/6/2024	In-Situ	2.8	182	<0.0250	<0.0250	<20.0	143	81.6	224	31.0	7.94
FL-34	0.5	5/6/2024	In-Situ	1.0	171	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	21.1	7.83
FL-35	0.5	5/6/2024	In-Situ	2.7	208	<0.0250	<0.0250	<20.0	29.6	<50.0	29.6	35.7	7.99
FL-36	0.5	5/6/2024	In-Situ	1.7	198	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	36.9	7.91
FL-37	0.5	5/6/2024	In-Situ	1.7	230	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	27.5	7.96
FL-38	0.5	5/6/2024	In-Situ	1.9	254	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	31.4	8.22
FL-39	0.5	5/6/2024	In-Situ	0.4	194	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	41.3	8.40
FL-40	0.5	5/6/2024	In-Situ	0.6	229	<0.0250	<0.0250	<20.0	55.9	<50.0	55.9	36.5	8.35
FL-41	0.5	5/6/2024	In-Situ	1.2	269	<0.0250	<0.0250	<20.0	28.0	<50.0	28.0	67.1	7.99
NMOCD R	emediation ar	nd Delineation St	tandards <sup>5</sup>	N/A	N/A	10	50	1,	000	N/A	2,500	20,000	N/A

# TABLE 1 - SOIL ANALYTICAL SUMMARY - CONFIRMATION SOIL SAMPLES Targa Resources Red Hills 2 Amine Spill

NMOCD Incident No. nAPP2401752221

Comple ID	Sample	Comple Date	Soil	PID	Field Chloride	Benzene	Total BTEX <sup>1</sup>		TPH <sup>2</sup> (r	mg/kg)		Chloride <sup>3</sup>	ell.
Sample ID	Depth (ft)	Sample Date	Status	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	GRO	DRO	MRO	TOTAL	(mg/kg)	рН
FL-42	0.5	5/6/2024	In-Situ	1.1	197	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	69.9	7.85
FL-43	0.5	5/6/2024	In-Situ	1.4	170	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	51.7	7.99
FL-44	0.5	5/6/2024	In-Situ	2.1	238	<0.0250	<0.0250	<20.0	37.5	<50.0	37.5	39.1	8.40
FL-45	0.5	5/6/2024	In-Situ	0.6	265	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	29.5	7.98
FL-46	0.5	5/6/2024	In-Situ	0.4	257	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	34.2	8.13
FL-47	0.5	5/6/2024	In-Situ	2.3	276	<0.0250	<0.0250	<20.0	101	55.4	156	22.3	8.16
FL-48	0.5	5/6/2024	In-Situ	0.9	179	<0.0250	<0.0250	<20.0	113	71.4	184	37.3	8.22
FL-49	0.5	5/6/2024	In-Situ	1.1	194	<0.0250	<0.0250	<20.0	255	144	399	35.6	8.41
FL-50	0.5	5/6/2024	In-Situ	1.6	232	<0.0250	<0.0250	<20.0	49.0	<50.0	49.0	30.0	7.92
FL-51	0.5	5/6/2024	In-Situ	1.6	205	<0.0250	<0.0250	<20.0	93.1	<50.0	93.1	54.3	8.06
FL-52	0.5	5/6/2024	In-Situ	0.7	252	<0.0250	<0.0250	<20.0	70.9	<50.0	70.9	27.0	8.29
FL-53	0.5	5/6/2024	In-Situ	1.5	151	<0.0250	<0.0250	<20.0	120	76.7	197	25.3	8.18
FL-54	0.5	5/6/2024	In-Situ	1.7	148	<0.0250	<0.0250	<20.0	55.4	<50.0	55.4	31.9	8.01
FL-55	0.5	5/6/2024	In-Situ	1.8	237	<0.0250	<0.0250	<20.0	57.1	<50.0	57.1	44.5	8.23
FL-56	0.5	5/6/2024	In-Situ	0.9	181	<0.0250	<0.0250	<20.0	262	<50.0	262	28.6	8.48
FL-57	0.5	5/6/2024	In-Situ	1.9	181	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	37.3	8.07
FL-58	0.5	5/6/2024	In-Situ	1.4	271	< 0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	43.0	8.09
FL-59	0.5	5/6/2024	In-Situ	2.0	211	< 0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	41.9	8.50
FL-60	0.5	5/6/2024	In-Situ	2.2	144	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	36.8	8.13
FL-61	0.5	5/6/2024	In-Situ	2.6	199	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	29.7	8.15
FL-62	0.5	5/6/2024	In-Situ	2.7	199	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	33.1	8.19
FL-63	0.5	5/6/2024	In-Situ	1.7	171	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	36.6	8.16
FL-64	0.5	5/6/2024	In-Situ	1.8	260	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	40.2	8.21
FL-65	0.5	5/6/2024	In-Situ	3.3	181	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	41.4	8.16
FL-66	0.5	5/6/2024	In-Situ	2.9	331	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	40.9	8.23
FL-67	0.5	5/6/2024	In-Situ	2	258	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	45.9	8.24
FL-68	0.5	5/6/2024	In-Situ	3.3	276	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	31.3	8.52
FL-69	0.5	5/6/2024	In-Situ	3.8	205	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	31.6	8.39
FL-70	0.5	5/6/2024	In-Situ	3.8	213	<0.0250	<0.0250	<20.0	46.1	<50.0	46.1	45.9	8.44
FL-71	0.5	5/6/2024	In-Situ	2.7	142	<0.0250	<0.0250	<20.0	47.0	<50.0	47.0	34.9	8.22
FL-72	0.5	5/6/2024	In-Situ	2.4	151	<0.0250	<0.0250	<20.0	68.2	<50.0	68.2	25.7	8.25
FL-73	0.5	5/6/2024	In-Situ	2.7	201	<0.0250	<0.0250	<20.0	135	<50.0	135	33.0	8.59
FL-74	0.5	5/6/2024	In-Situ	2.4	286	<0.0250	<0.0250	<20.0	148	<50.0	148	30.3	8.84
FL-75	0.5	5/6/2024	In-Situ	2.1	283	<0.0250	<0.0250	<20.0	131	<50.0	131	38.5	9.11
FL-76	0.5	5/6/2024	In-Situ	3.5	278	<0.0250	<0.0250	<20.0	28.4	<50.0	28.4	27.8	8.49
FL-77	0.5	5/6/2024	In-Situ	4.7	225	<0.0250	<0.0250	<20.0	378	<50.0	378	51.5	9.23
FL-78	0.5	5/6/2024	In-Situ	4.6	120	0.0290	<0.0250	<20.0	131	<50.0	131	24.6	8.45
FL-79	0.5	5/6/2024	In-Situ	2.9	145	0.0270	<0.0250	<20.0	87.8	<50.0	87.8	38.9	8.24
FL-80	0.5	5/6/2024	In-Situ	2.2	176	<0.0250	<0.0250	<20.0	834	188	1,022	56.2	8.88
FL-81	0.5	5/6/2024	In-Situ	3.4	305	<0.0250	<0.0250	<20.0	781	52.4	833	53.8	9.46
FL-82	0.5	5/6/2024	In-Situ	4.8	256	<0.0250	0.0288	<20.0	103	<50.0	103	20.6	9.17
NMOCD Remediation and Delineation Standards <sup>5</sup>		N/A	N/A	10	50	1,0	000	N/A	2,500	20,000	N/A		

#### TABLE 1 - SOIL ANALYTICAL SUMMARY - CONFIRMATION SOIL SAMPLES

# Targa Resources Red Hills 2 Amine Spill

#### NMOCD Incident No. nAPP2401752221

Sample ID	Sample	Cample Date	Soil	PID	Field Chloride	Benzene	Total BTEX <sup>1</sup>		TPH <sup>2</sup> (	mg/kg)		Chloride <sup>3</sup>	рН
Sample ID	Depth (ft)	Sample Date	Status	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	GRO	DRO	MRO	TOTAL	(mg/kg)	рп
FL-83	0.5	5/6/2024	In-Situ	4.1	286	<0.0250	<0.0250	<20.0	366	<50.0	366	36.9	9.23
FL-84	0.5	5/6/2024	In-Situ	2.6	236	<0.0250	<0.0250	<20.0	292	53.6	346	36.0	9.02
FL-85	0.5	5/6/2024	In-Situ	2.7	243	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	54.3	8.09
FL-86	0.5	5/6/2024	In-Situ	3.7	299	<0.0250	0.0331	<20.0	154	<50.0	154	<20.0	8.48
FL-87	1	5/6/2024	In-Situ	4.2	175	0.0288	0.0927	<20.0	95.1	<50.0	95.1	<20.0	8.59
FL-88	1	5/6/2024	In-Situ	3.7	196	0.0472	0.132	<20.0	90.8	<50.0	90.8	<20.0	8.77
FL-89	1	5/6/2024	In-Situ	4.1	255	0.0281	0.0894	<20.0	56.1	<50.0	56.1	51.9	8.01
FL-90	0.5	5/6/2024	In-Situ	2.5	224	<0.0250	<0.0250	<20.0	69.9	<50.0	69.5	36.3	8.16
FL-91	0.5	5/6/2024	In-Situ	3.5	150	<0.0250	<0.0250	<20.0	236	<50.0	236	47.0	8.03
FL-92	0.5	5/6/2024	In-Situ	4.8	231	<0.0250	0.0434	<20.0	68.7	<50.0	68.7	28.5	8.11
FL-93	0.5	5/6/2024	In-Situ	2.8	255	<0.0250	0.0265	<20.0	42.0	<50.0	42.0	35.2	8.26
FL-94	0.5	5/6/2024	In-Situ	3.3	294	<0.0250	<0.0250	<20.0	33.8	<50.0	33.8	<20.0	8.37
FL-95	0.5	5/6/2024	In-Situ	3.8	309	<0.0250	<0.0250	<20.0	25.5	<50.0	25.5	<20.0	8.27
						Back	fill Soil Samples						
Backfill		8/1/2024	In-Situ	0.0	201	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	50.4	
NMOCD Remediation and Delineation Standards <sup>5</sup>			N/A	N/A	10	50	1,0	000	N/A	2,500	20,000	N/A	

#### Notes:

- 1. BTEX = Benzene, toluene, ethylbenzene, and total xylenes by EPA method 8021B
- 2. TPH = Total petroleum hydrocarbons analyzed by method EPA 8015M (GRO/DRO/MRO)
- 3. Chloride Analyzed by EPA method SM4500
- 4. pH Analyzed by EPA method 9045D
- 5. New Mexico Oil Conservation Division (NMOCD) Remediation and Delineation Standards (NMAC 19.15.29.12(N))

N/A = Not applicable

**Bold** values denote concentrations above laboratory RDL

**Red** values denote concentrations above NMOCD Action Levels

BGS = Below ground surface

GRO = Gasoline range organics

DRO = Diesel range organics

MRO = Motor/lube oil range organics

PID = Photoionization detector

<RDL = The analyte was not detected above the laboratory reported detection limit (RDL)</p>

Ft. = Feet

Appendix A – Initial Form C-141 and NMOCD Notifications

Districts:

Counties:

SIGN-IN HELP

Searches **Operator Data Hearing Fee Application** 

Hobbs

Lea

**OCD Permitting** 

Operator:

Status Date:

Action Search Results

Action Status Item Details

## [NOTIFY] Notification Of Release (NOR) Application

## Submission Information

Submission ID: 304595

[331548] Targa Northern Delaware, LLC.

Description: Targa Northern Delaware, LLC. [331548]

01/17/2024

, Red Hills Plant , nAPP2401752221

APPROVED Status:

nAPP2401752221 References (1):

**Forms** 

This application type does not have attachments.

#### Questions

#### Location of Release Source

Please answer all the questions in this group.

Site Name Red Hills Plant 01/17/2024 Date Release Discovered Private

#### **Incident Details**

Please answer all the questions in this group.

Release Other Incident Type 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 No watercourse Has this release endangered or does it have a reasonable probability of endangering Has this release substantially damaged or will it substantially damage property or the Is this release of a volume that is or may with reasonable probability be detrimental

#### Nature and Volume of Release

to fresh water

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 Produced Water Released (bbls) Details Not answered. Is the concentration of chloride in the produced water >10,000 mg/l Not answered. Condensate Released (bbls) Details Not answered. Natural Gas Vented (Mcf) Details Not answered.

SIGN-IN HELP

Searches **Operator Data Hearing Fee Application** 

#### 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

From paragraph A. "Major release" determine using:

release

(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 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

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 su 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.

#### 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

#### Comments

No comments found for this submission

#### Conditions

Summary:

tillmana (1/17/2024), When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141

#### Reasons

No reasons found for this submission

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Searches Operator Data Hearing Fee Application

1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220

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Districts:

Counties:

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Searches **Operator Data Hearing Fee Application** 

Hobbs

Lea

**OCD Permitting** 

Operator:

Status:

Action Search Results

Action Status Item Details

## [C-141] Initial C-141 (C-141-V-INITIAL) Application

Submission Information

Submission ID:

308235

[331548] Targa Northern Delaware, LLC.

Description: Targa Northern Delaware, LLC. [331548]

APPROVED

, Red Hills Plant

, nAPP2401752221

Status Date: 01/30/2024

nAPP2401752221 References (1):

**Forms** 

Attachments: Volume Calculation

Questions

Prerequisites

Incident ID (n#) nAPP2401752221

NAPP2401752221 RED HILLS PLANT @ 0 Incident Name

Incident Type Release Other Incident Status Initial C-141 Received

Location of Release Source

Please answer all the questions in this group.

Red Hills Plant Date Release Discovered 01/17/2024 Surface Owner Private

**Incident Details** 

Incident Type

Please answer all the questions in this group.

Did this release result in a fire or is the result of a fire No Did this release result in any injuries

Has this release reached or does it have a reasonable probability of reaching a watercourse

Has this release endangered or does it have a reasonable probability of endangering

Has this release substantially damaged or will it substantially damage property or the

Is this release of a volume that is or may with reasonable probability be detrimental

to fresh water

Release Other

No

No

No

SIGN-IN HELP

Searches Operator Data Hearing Fee Application

Is the concentration of chloride in the produced water >10,000 mg/l

Condensate Released (bbls) Details

Not answered.

Natural Gas Vented (Mcf) Details

Not answered.

Natural Gas Flared (Mcf) Details

Not answered.

Cause: Equipment Failure | Tank (Any) | Other (Specify) | Released: 43 BBL | Recovered: 0 BBL | Lost: 43 BBL.

Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)

45% amine/55% water solution

#### Nature and Volume of Release (continued)

Is this a gas only submission (i.e. only significant Mcf values reported)

Was this a major release as defined by Subsection A of 19.15.29.7 NMAC

Reasons why this would be considered a submission for a notification of a major release

release

No, according to supplied volumes this does not appear to be a "gas only" report.

Yes

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

Released materials have been contained via the use of berms or dikes, absorbent
pads, or other containment devices

All free liquids and recoverable materials have been removed and managed
appropriately

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 s

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 et
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 r 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 of 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 relie 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: Amber Groves

Title: Environmental Specialist
Email: agroves@targaresources.com

Date: 01/26/2024

#### 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)

What method was used to determine the depth to ground water

Not answered.

Did this release impact groundwater or surface water

Not answered.

What is the minimum distance, between the closest lateral extents of the release and the following surface areas:

A continuously flowing watercourse or any other significant watercourse Not answered. Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Not answered. An occupied permanent residence, school, hospital, institution, or church Not answered. A spring or a private domestic fresh water well used by less than five households for Not answered domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. Not answered A subsurface mine Not answered An (non-karst) unstable area Not answered.

SIGN-IN HELP

Searches **Operator Data Hearing Fee Application** 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 No 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 plar then it should consult with the division to determine if another remediation plan submission is required. Acknowledgments This submission type does not have acknowledgments, at this time. Comments No comments found for this submission. Conditions Summary: scwells (1/30/2024), None Reasons No reasons found for this submission. Go Back New Mexico Energy, Minerals and Natural Resources Department | Copyright 2012 1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220

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Counties:

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Searches

**Operator Data** 

Hobbs

Lea

**Hearing Fee Application** 

# **OCD Permitting**

Action Search Results

Action Status Item Details

## [NOTIFY] Notification Of Sampling (C-141N) Application

# Submission Information

Submission ID:

339250

[331548] Targa Northern Delaware, LLC.

Description:

Operator:

Targa Northern Delaware, LLC. [331548]

, Red Hills Plant

, nAPP2401752221

Status: Status Date: APPROVED 04/30/2024

References (1):

nAPP2401752221

#### **Forms**

This application type does not have attachments.

#### Questions

#### Prerequisites

Incident ID (n#)

nAPP2401752221

Incident Name

NAPP2401752221 RED HILLS PLANT @ 0

Incident Type

Release Other

Incident Status

Initial C-141 Approved

## Location of Release Source

Surface Owner

Red Hills Plant

Date Release Discovered

01/17/2024 Private

#### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet What is the estimated number of samples that will be gathered

18,400 92

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

05/06/2024

19.15.29.12 NMAC

Time sampling will commence

08:00 AM

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

Please provide any information necessary for observers to contact samplers

Please call Amber Groves at 575-635-9096 for further information.

Please provide any information necessary for navigation to sampling site

Please call Amber Groves at 575-635-9096 for further information.

SIGN-IN HELP

Searches **Operator Data Hearing Fee Application** Comments No comments found for this submission. Conditions Summary: amberg (4/30/2024), Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted. Reasons No reasons found for this submission. Go Back New Mexico Energy, Minerals and Natural Resources Department | Copyright 2012 1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220

OCD Main Page

OCD Rules

EMNRD Home

From: Groves, Amber L.

To: Brett Dennis

Subject: FW: [EXTERNAL] Amine Release

Date: Friday, August 2, 2024 12:23:05 PM

Attachments: image001.jpg

Outlook-gtchxdcl.png

From: Velez, Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov >

Sent: Wednesday, January 31, 2024 2:11 PM

**To:** Groves, Amber L. <a href="mailto:agroves@targaresources.com">agroves@targaresources.com</a>>

**Cc:** Austin, Tillman < <u>jaustin@targaresources.com</u>>; Reynolds, Sylwia A.

<sreynolds@targaresources.com>

**Subject:** Re: [EXTERNAL] Amine Release

Good afternoon Amber,

Thank you for your inquiry.

To cover all the bases, sample per Table 1 of 19.15.29 NMAC and pH.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

If you have any questions, please contact me at your convenience.

Have a good and safe day.

Regards,

**Nelson Velez** • Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

(505) 469-6146 | <u>nelson.velez@emnrd.nm.gov</u>

http://www.emnrd.state.nm.us/OCD/



From: Groves, Amber L. <agroves@targaresources.com>

Sent: Wednesday, January 31, 2024 12:20 PM

To: Velez, Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov >

**Cc:** Austin, Joseph T. < <u>iaustin@targaresources.com</u>>; Reynolds, Sylwia A.

<sreynolds@targaresources.com>
Subject: [EXTERNAL] Amine Release

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

Good Afternoon, Nelson!

We submitted an amine release this week and I wanted to touch base with you on what kind of samples OCD will want to see in the closure report, please? I would greatly appreciate your guidance so we know that our bases are covered with our samples on the project.

Thank you!

Amber



Amber Groves | Targa Resources | Sr. Environmental Specialist

Cell: (575)635-9096 | agroves@targaresources.com

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Appendix B – Depth to Groundwater Information

PAGE 1 OF 2

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							OSE FILE NU	MBER(S)					
							C-3917						
	WELL OWN		)				PHONE (OPTI	ONAL)					
	MARK McCI												
	WELL OWN BOX 795	ER MAILING	3 ADDRESS	,	``````````````````````````````````````		TATUM	STATE	ZIP 88267				
	BOX 793		<u> </u>				TATOM	NM 		36207			
	WELL			EGREES	MINUTES SECC								
	LOCATIO	LA	TITUDE 32	12	54.52	N W	1	' REQUIRED: ONE TEN QUIRED: WGS 84	THOF A SECOND				
İ	(FROM GP												
	DESCRIPTION	ON RELATI	NG WELL LOCATION TO	STREET ADDRESS	S AND COMMON LANDS	MARKS - PLS	S (SECTION, TO	WNSHJIP, RANGE) WE	ERE AVAILABLE				
	LICENSE NU	MBER	NAME OF LICENSED	DRILLER				NAME OF WELL DR	ILLING COMPANY				
	WD-1058		CASEY KEY					KEYS DRILLING 8	PUMP SERVICE IN	IC.			
	DRILLING S	TARTED	DRILLING ENDED	DEPTH OF COMPI	DEPTH OF COMPLETED WELL (FT) BORE HOL			DEPTH WATER FIRST ENCOUNTERED (FT)					
	03/1/16		03/4/16	600'		600,		520'					
				DRY HOLE	•		EL IN COMPLETED W	ELL (FT)					
Š	COMPLETED	WELL IS:	ARTESIAN	DRY HOLE	420'								
ATI	DRILLING FI	LUID:	<b>Z</b> AIR	MUD	ADDITIVES - SPE	ECIFY:							
CASING INFORMATION	DRILLING M	ETHOD:	ROTARY	HAMMER	CABLE TOOL	OTHE	R – SPECIFY:						
NFC	DEPTH (feet bgl) FROM TO		BORE HOLE		TERIAL AND/OR	C.4	ASING	CASING	CASING WALL	SLOT			
NG.			DIAM	G (include each	COM	VECTION	INSIDE DIAM.	THICKNESS	SIZE				
ASI			(inches)		ions of screen)	1	YPE	(inches)	(inches)	(inches)			
<b>⊗</b>	-1.50	20	10-3/4	<u> </u>			10"	1/4"					
Z Z	-1.50	300	9-7/8	PVC SCH 40		SPLINE		6"	SCH-40				
DRILLING	300	600	9-7/8	PVC	SCH 40	SI	PLINE	6"	SCHQ19	.032			
2. DR									55	12			
. 7				<u> </u>			·						
		<del></del> .					<del></del>		antitory par				
										7 - 7			
	DEPTH (	(feet bol)	BORE HOLE	FIST	ANNULAR SEAL MA	ATERIAL A	NT	AMOUNT	метно	)D OF			
A.L.	FROM	TO	DIAM. (inches)		L PACK SIZE-RANG			(cubic feet)	PLACE				
ERI.	0	20	10-3/4		CEMENT				TOP P	OUR			
ANNULAR MATERIAL	20	600	9-7/8		GRAVEL PAC	K			TOP P				
- E		<del></del>											
n Tr					'\								
NN													
3.7													
·				<u></u>		·····							
FOR	OSE INTERI	NAL USE					WR-20	WELL RECORD		08/2012)			
FILE	NUMBER (	C- $SO$	1-1	•	POD NUMBER	4 _	TRN	NUMBER 77	-&203	-			

LOCATION

PAGE 2 OF 2

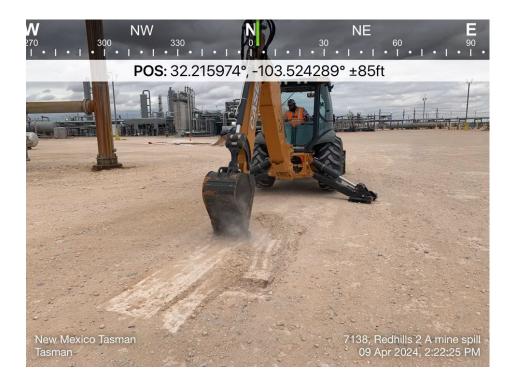
	DEPTH (	feet bgl) TO	THICKNESS (feet)	INCLUDE WAT	ND TYPE OF MATER ER-BEARING CAVI	TIES OR FRAC	TURE ZONE	S	WA' BEAR	JNG?	ESTIMATED YIELD FOR WATER- BEARING		
				(attach su	pplemental sheets to	fully describe a	ıll units)		(YES	/ NO)	ZONES (gpm)		
	0	20	20	-	SURFACI	ΠΥ	■N		_				
	20	80	60		TAN SANDS		ΠΥ	■ N					
	80	120	40		GREY SANDS	☐ Y	■ N		٦				
	120	150	30	RET	SANDY CLAY & GR	☐ Y	■ N						
	150	170	20			□ Y	■ N						
T	170	180	10		GREY SANDS	TONE			ПΥ	■ N			
VE.	180	240	60		RED & GREY SAM	IDSTONE			☐ Y	■ N			
OF	240	280	40		GREY SANDS	TONE			□ Y	■N		_	
90	280	320	40		RED & GREY SAM	IDSTONE			□ Y	■N	· · · · · · · · · · · · · · · · · · ·	_	
HYDROGEOLOGIC LOG OF WELL	320	380	60		RED SANDS	ONE			□ Y	<b>■</b> N			
001	380	520	40	R	RED SANDSTONE W/	BROWN CLAY			☐ Y	■ N			
EO	520	600	80		RED SANDS	TONE			■ Y	Πи	30 GPM		
ROC									□ Y	□N			
EX.1						•			□ Y	□N			
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	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARIN	IG STRATA: [	□ PUMP		TOTA	OTAL ESTIMATED				
	AIR LIF	r 🗆 :	BAILER [	OTHER - SPECIFY:				WELI	LL YIELD (gpm): 30				
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Z	WELL TES			ACH A COPY OF DAT ME, AND A TABLE S									
TEST; RIG SUPERVISION	MISCELLA	NEOUS INF	CORMATION								2 -s	Ξ	
ERV	MIGCELLA	TLOOD III	ORALITON: WE	ELL TESTED WITH A	TEST PUMP		:			i	₹ 9₫		
SUF													
RIG											- 1-3		
ST;									~		System of the state of the stat	=	
5. T.		iE(S) OF DI	RILL RIG SUPER	:VISOR(S) THAT PRO	OVIDED ONSITE SU	PERVISION O	F WELL CON	STRUC	HON O	THEK TH	AN LICENSEE:		
	CASEY KEY									* 1			
	THE UNDE	RSIGNED H	IEREBY CERTIF	TES THAT, TO THE E	BEST OF HIS OR HEI	R KNOWLEDO	E AND BELU	EF, THE	E FOREC	GOING ÎS	A TRUE AND	_	
IRE	CORRECT	RECORD OF	F THE ABOVE D	ESCRIBED HOLE AN O DAYS AFTER COM	ND THAT HE OR SH	E WILL FILE T	THIS WELL R	ECORD	WITH '	THE STA	TE ENGINEER		
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LOCATION

Appendix C – Photographic Log

## **Targa Resources**

## Red Hills 2 Amine Spill – nAPP2401752221





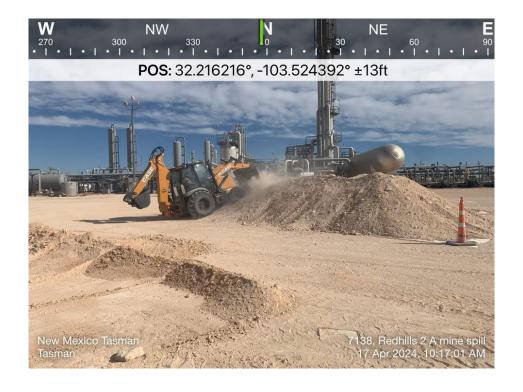
## **Targa Resources**

## Red Hills 2 Amine Spill – nAPP2401752221









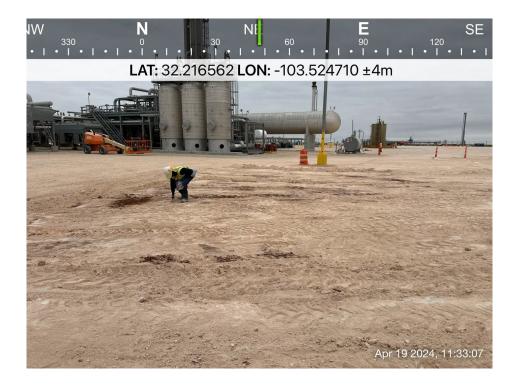


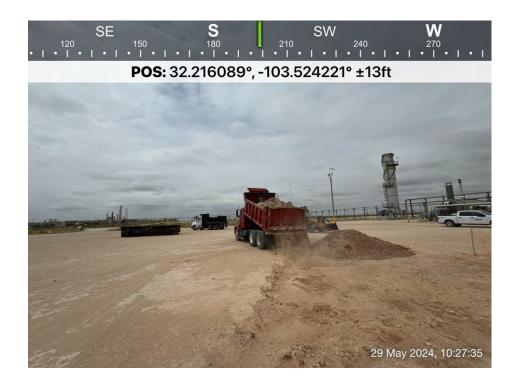


















**Appendix D – Certified Laboratory Analytical Reports** 

Report to:
Brett Dennis







5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

### Targa

Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill

Work Order: E405107

Job Number: 21102-0001

Received: 5/8/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/15/24

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

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

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

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

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

Date Reported: 5/15/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 7138 Red Hills 2 Amine Spill

Workorder: E405107

Date Received: 5/8/2024 5:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2024 5:00:00AM, under the Project Name: 7138 Red Hills 2 Amine Spill.

The analytical test results summarized in this report with the Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

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Raina Schwanz

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### Sample Summary

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	Keporteu.
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 15:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL-1	E405107-01A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-2	E405107-02A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-3	E405107-03A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-4	E405107-04A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-5	E405107-05A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-6	E405107-06A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-7	E405107-07A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-8	E405107-08A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-9	E405107-09A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-10	E405107-10A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-11	E405107-11A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-12	E405107-12A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-13	E405107-13A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-14	E405107-14A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-15	E405107-15A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-16	E405107-16A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-17	E405107-17A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-18	E405107-18A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-19	E405107-19A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-20	E405107-20A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

### FL-1 E405107-01

		E405107-01					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		112 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		106 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	: WF		Batch: 2419153
pH @25°C	8.26			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		112 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		106 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	89.1	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	54.2	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		112 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2419154
Chloride	32.0	20.0		1	05/09/24	05/09/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-2 E405107-02

		E-103107-02					
_		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	0.0505	0.0250		1	05/08/24	05/12/24	
o-Xylene	0.0410	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	0.0525	0.0500		1	05/08/24	05/12/24	
Total Xylenes	0.0935	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		107 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
pH @25°C	8.70			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		107 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	269	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	124	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		113 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	67.1	20.0		1	05/09/24	05/09/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-3 E405107-03

		E403107-03					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	0.0290	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	0.0765	0.0250		1	05/08/24	05/12/24	
o-Xylene	0.0285	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	0.0645	0.0500		1	05/08/24	05/12/24	
Total Xylenes	0.0930	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		105 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.44			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		105 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	230	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	94.8	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		108 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	71.2	20.0		1	05/09/24	05/09/24	
		==.0					

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-4 E405107-04

		E403107-04					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	0.0615	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.29			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	207	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	89.1	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	97.5	20.0		1	05/09/24	05/09/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-5 E405107-05

		B100107 00					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°С	8.23			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	84.0	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	71.7	20.0		1	05/09/24	05/09/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-6 E405107-06

		E403107-00					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.12			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	75.8	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		104 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	82.2	20.0		1	05/09/24	05/09/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-7 E405107-07

		E405107-07					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		119 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		98.4 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
pH @25°C	7.97			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		119 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		98.4 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	85.4	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		112 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	60.1	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-8 E405107-08

		E403107-06					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	: WF		Batch: 2419153
рН @25°С	7.94			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	181	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	73.4	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		113 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: WF		Batch: 2419154
Chloride	86.0	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-9 E405107-09

	E403107-09					
	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	RAS		Batch: 2419119
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0500		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
	112 %	70-130		05/08/24	05/13/24	
	96.2 %	70-130		05/08/24	05/13/24	
	105 %	70-130		05/08/24	05/13/24	
pH Units	pH Units		Analyst	WF		Batch: 2419153
7.90			1	05/09/24	05/09/24	
mg/kg	mg/kg		Analyst	RAS		Batch: 2419119
ND	20.0		1	05/08/24	05/13/24	
	112 %	70-130		05/08/24	05/13/24	
	96.2 %	70-130		05/08/24	05/13/24	
	105 %	70-130		05/08/24	05/13/24	
mg/kg	mg/kg		Analyst	NV		Batch: 2419185
160	25.0		1	05/10/24	05/15/24	
62.4	50.0		1	05/10/24	05/15/24	
	112 %	50-200		05/10/24	05/15/24	
mg/kg	mg/kg		Analyst	WF		Batch: 2419154
140	20.0		1	05/09/24	05/10/24	<u> </u>
	mg/kg ND	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           I12 %         96.2 %           105 %         pH Units           PH Units         pH Units           7.90         mg/kg           mg/kg         mg/kg           ND         20.0           112 %         96.2 %           105 %         105 %           mg/kg         mg/kg           160         25.0           62.4         50.0           112 %         mg/kg           mg/kg         mg/kg	Reporting Limit         Dil	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           112 %         70-130         70-130           96.2 %         70-130         70-130           pH Units         pH Units         Analyst           ND         20.0         1           112 %         70-130         70-130           96.2 %         70-130         70-130           105 %         70-130         105 %           mg/kg         mg/kg         Analyst           160         25.0         1           62.4         50.0         1           mg/kg         mg/kg         Analyst	Reporting Limit         Dilution         Prepared           mg/kg         MD         Dilution         Prepared           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           112 %         70-130         05/08/24           96.2 %         70-130         05/08/24           pH Units         PH Units         Analyst: RAS           ND         20.0         1         05/08/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/08/24           105 %         70-130         05/08/24           105 %         70-130         05/08/24           105 %         70-130         05/08/24           105 %         70-130	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           96.2 %         70-130         05/08/24         05/13/24           pH Units         pH Units         Analyst: WF           7.90         1         05/09/24         05/09/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/08/24         05/13/24           112 %         70-130         05/08/24         05/13/24

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

### FL-10 E405107-10

		Elocio, io					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		105 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.22			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		105 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	64.6	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		114 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	99.9	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-11 E405107-11

		E405107-11					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		99.8 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.01			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		99.8 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	27.8	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		104 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	55.0	20.0		1	05/09/24	05/10/24	·

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

### FL-12 E405107-12

		E403107-12					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		102 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.11			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		102 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	43.6	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		110 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	62.9	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-13 E405107-13

		E403107-13					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		109 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		101 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.02			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		109 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		101 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	70.2	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		115 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	50.7	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-14 E405107-14

		E100107 14					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		107 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
pH @25°C	8.14			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		107 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	72.3	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	56.6	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-15 E405107-15

		E-103107-13					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		102 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
pH @25°C	8.21			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		102 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	55.1	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	71.0	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

### FL-16 E405107-16

		Elector 10					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	:: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	:: WF		Batch: 2419153
рН @25°C	8.21			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	:: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	:: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	59.2	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		118 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	:: WF		Batch: 2419154
Chloride	82.3	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-17 E405107-17

		E403107-17					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.22			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	48.9	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		110 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	61.4	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-18 E405107-18

		E405107-18					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
thylbenzene	ND	0.0250		1	05/08/24	05/13/24	
oluene	ND	0.0250		1	05/08/24	05/13/24	
-Xylene	ND	0.0250		1	05/08/24	05/13/24	
,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
otal Xylenes	ND	0.0250		1	05/08/24	05/13/24	
urrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/13/24	
urrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		05/08/24	05/13/24	
urrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Vet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
H @25°C	8.04			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
urrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/13/24	
urrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		05/08/24	05/13/24	
urrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
urrogate: n-Nonane		109 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	46.5	20.0		1	05/09/24	05/10/24	
urrogate: Bromofluorobenzene urrogate: 1,2-Dichloroethane-d4 urrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Dil Range Organics (C28-C36) urrogate: n-Nonane Anions by EPA 300.0/9056A	mg/kg ND ND	114 % 96.9 % 103 % mg/kg 25.0 50.0 109 % mg/kg	70-130 70-130 70-130	Analyst 1 1 Analyst	05/08/24 05/08/24 05/08/24 : NV 05/10/24 05/10/24 : WF	05/13/24 05/13/24 05/13/24 05/15/24 05/15/24 05/15/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-19 E405107-19

		210010. 17					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°С	8.15			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	26.5	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	57.6	20.0	•	1	05/09/24	05/10/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-20 E405107-20

		2.0010. 20					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°С	8.01			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	29.7	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		117 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	45.1	20.0		1	05/09/24	05/10/24	



7138\_Red\_Hills\_2\_Amine\_Spill Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 5/15/2024 3:16:51PM Volatile Organic Compounds by EPA 8260B Analyst: RAS Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2419119-BLK1) Prepared: 05/08/24 Analyzed: 05/12/24 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 o-Xylene ND 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.557 0.500 111 70-130 Surrogate: 1,2-Dichloroethane-d4 0.474 0.500 94.8 70-130 0.505 0.500 101 70-130 Surrogate: Toluene-d8 LCS (2419119-BS1) Prepared: 05/08/24 Analyzed: 05/12/24 Benzene 2.65 0.0250 2.50 106 70-130

Renzene	2.63	0.0250	2.50	ND 10	05	48-131	
Matrix Spike (2419119-MS1)				Source: E405	3107-0	4	Prepared: 05/08/24 Analyzed: 05/12/24
Surrogate: Toluene-d8	0.510		0.500	10	02	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500	97	7.0	70-130	
Surrogate: Bromofluorobenzene	0.557		0.500	1.	11	70-130	
Total Xylenes	7.89	0.0250	7.50	10	05	70-130	
p,m-Xylene	5.27	0.0500	5.00	10	05	70-130	
o-Xylene	2.62	0.0250	2.50	10	05	70-130	
Toluene	2.60	0.0250	2.50	10	04	70-130	
Ethylbenzene	2.58	0.0250	2.50	10	03	70-130	

Benzene	2.63	0.0250	2.50	ND	105	48-131
Ethylbenzene	2.61	0.0250	2.50	ND	104	45-135
Toluene	2.71	0.0250	2.50	0.0615	106	48-130
o-Xylene	2.68	0.0250	2.50	ND	107	43-135
p,m-Xylene	5.38	0.0500	5.00	ND	108	43-135
Total Xylenes	8.06	0.0250	7.50	ND	107	43-135
Surrogate: Bromofluorobenzene	0.593		0.500		119	70-130
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130
Surrogate: Toluene-d8	0.521		0.500		104	70-130

Matrix Spike Dup (2419119-MSD1)		Source:	Source: E405107-04			Prepared: 05/08/24 Analyzed: 05/12/24		
Benzene	2.60	0.0250	2.50	ND	104	48-131	1.45	23
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	2.19	27
Toluene	2.63	0.0250	2.50	0.0615	103	48-130	2.89	24
o-Xylene	2.60	0.0250	2.50	ND	104	43-135	2.77	27
p,m-Xylene	5.20	0.0500	5.00	ND	104	43-135	3.47	27
Total Xylenes	7.80	0.0250	7.50	ND	104	43-135	3.23	27
Surrogate: Bromofluorobenzene	0.564		0.500		113	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130		
Surrogate: Toluene-d8	0.514		0.500		103	70-130		

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	_
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

Wet	Chemistry	hv	<b>EPA</b>	9045D
****	Chemistry	$\boldsymbol{\nu}$		70431

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	Notes

LCS (2419153-BS1) Prepared: 05/09/24 Analyzed: 05/09/24						
рН	7.96	8.00	99.5	98.75-101.25		
<b>Duplicate (2419153-DUP1)</b>		S	ource: E405107-03	Prepared: 05/	/09/24 Analyzed: 05/09/24	
рН	8.40	8	3.44	0.487	20	



 Targa
 Project Name:
 7138\_Red\_Hills\_2\_Amine\_Spill
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 5/15/2024
 3:16:51PM

Nonhalogenated	Organics by	<b>EPA</b>	.8015D -	GRO

Analyst: RAS

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

	Result	Lillit	LCVCI	Result	Rec	Lillius	KI D	Lillit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419119-BLK1)							Prepared: 05	5/08/24	Analyzed: 05/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.8	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			
LCS (2419119-BS2)							Prepared: 05	5/08/24	Analyzed: 05/12/24
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0	·	115	70-130			·
Surrogate: Bromofluorobenzene	0.591		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			
Matrix Spike (2419119-MS2)				Source: E405107-04			Prepared: 05/08/24 Analyzed: 05/12/24		
Gasoline Range Organics (C6-C10)	58.9	20.0	50.0	ND	118	70-130			
Surrogate: Bromofluorobenzene	0.579		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
Matrix Spike Dup (2419119-MSD2)			Source:	E405107-	04	Prepared: 05	5/08/24	Analyzed: 05/12/24	
Gasoline Range Organics (C6-C10)	58.9	20.0	50.0	ND	118	70-130	0.0212	20	
Surrogate: Bromofluorobenzene	0.585		0.500		117	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4			0.500 0.500		117 93.8	70-130 70-130			



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	-
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis				:	5/15/2024 3:16:51PM
	Nonhalogenated Organics by EPA 8015D - DRO/ORO					Analyst: NV			
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2419185-BLK1)							Prepared: 0	5/10/24 An	alyzed: 05/14/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.3		50.0		115	50-200			
LCS (2419185-BS1)							Prepared: 0	5/10/24 An	alyzed: 05/14/24
Diesel Range Organics (C10-C28)	305	25.0	250		122	38-132			
Surrogate: n-Nonane	58.2		50.0		116	50-200			
LCS Dup (2419185-BSD1)							Prepared: 0	5/10/24 An	alyzed: 05/15/24
Diesel Range Organics (C10-C28)	287	25.0	250		115	38-132	6.26	20	
Surrogate: n-Nonane	59.5		50.0		119	50-200			

Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager	: 2	138_Red_Hills 1102-0001 Frett Dennis	s_2_Amin	e_Spill			<b>Reported:</b> 5/15/2024 3:16:51PM
		Anions	by EPA	300.0/9056 <i>A</i>	<b>A</b>				Analyst: WF
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2419154-BLK1)							Prepared: 05	5/09/24 A	analyzed: 05/09/24
Chloride	ND	20.0							
LCS (2419154-BS1)							Prepared: 05	5/09/24 A	analyzed: 05/09/24
Chloride	258	20.0	250		103	90-110			
LCS Dup (2419154-BSD1)							Prepared: 05	5/09/24 A	analyzed: 05/09/24
Chloride	258	20.0	250		103	90-110	0.326	20	

#### QC Summary Report Comment:

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



### **Definitions and Notes**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 15:16

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client:	Targ	a Resour	ces .			Bill To	877	jesto.		La	b Us	se On	ly				TA	NT.	EPA P	rogram
Project: 71	38_ Red_	Hills-	2-Am	ine-Spill	Attention:			Lab \	WQ#	10	7	Job	Numb	er	1D	2D	3D	Standard	CWA	SDWA
Project ivia	nager: B	rett Den	<u>nis</u>		Address:	201 S 4th St.		EY	105	10				1000				X		
Address:		/. Marlan				, Zip: Artesia, NM						Analy	sis an	d Metho	d					RCRA
City, State,		s, NM 88	3240		Phone:				0											
325-660-73					Email: agroves@targaresources.com				/OR(							1			State	T
		.com; bbasto	os@tasman-j	geo.com; lflores@ta	*PO Pendi	ng*			JRO,	8021		01	0.00		Σ	1	×	NM CO	UT AZ	TX
Report due	by:						I SHOW THE REAL PROPERTY OF THE PERSON NAMED IN COLUMN TWO IN COLUMN TO THE PERSON NAMED IN COLUMN TWO IN COLUMN T	4 1	RO/I	by 80		601	Je 3(		1			×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number		TPH GRO/DRO/ORO by 8015	×	H	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	1
9:20	05.06.24	S	1		FL-	1	1		Х	Х	Х		Х							
9:25	05.06.24	S	1		FL-	2	2		Х	Х	Х		х							
9:30	05.06.24	S	1		FL-	3	3		х	Х	х		х							
9:35	05.06.24	S	1		FL-	4	4		х	Х	х		х							
9:40	05.06.24	S	1		FL-	5	5		Х	х	х		Х							
9:45	05.06.24	S	1		FL-6		6		х	Х	х		х							
9:50	05.06.24	S	1		FL-	7	7		Х	Х	х		Х							
9:55	05.06.24	S	1		FL-	8	в		х	Х	х		х							
10:00	05.06.24	S	1		FL-	9	9		Х	Х	х		Х							
10:05	05.06.24	S	1		FL-1	10	10		Х	х	х		Х							
	Instructions																			
I, (field sampler date or time of	), attest to the va	alidity and au	thenticity of	this sample. I am awar	e that tampering v	with or intentionally mislabelling the	e sample location	on,	05	>		1887						ceived on ice the da less than 6 °C on sub		oled or
	by: Kign/ture	2	05.07	24 Time		ed by: (Signatura) engales			Time	329		Rec	eived	on ice:		ab U	se On	ly		
Relipoushed	by: (Signature)	arles	Date 5	7-24 180	S Receive	ed by: (Signature)	Date 5.7.	24	Time	30	5	T1						<u>T3</u>		
Relinquished		0	Date	7.24 24	Redive	ed by: (Signature)	5-8-	211	Time	501	2		Tem	n°C						
Sample Matrix	S - Soil, Sd - Solid	d. Sg - Sludge			70 1700	10 11000	Containe									ass. v	- VOA		- Transition	
					ther arrangemen	nts are made. Hazardous sam										_			of the above	samples is
					•	of the laboratory is limited to t					•						15	,		



envirotech

Client:	Targa	Resourc	ces			Bill To				La	b Us	se On	ly				TA	\T		EPA P	rogram
Project: 71	38_Red_	Hills.	2.Am	me-Spill	Attention:	Amber Groves		Lab V	VO#	10	7	Job I	Numb	er	1D	2D	3D	Sta	ndard	CWA	SDWA
<u>Project Ma</u> Address:		rett Denr . Marlan			Address:	201 S 4th St. Zip: Artesia, NM		E4	05	10	1	Analy	cis and	-000( Metho	<u>d</u>				X		RCRA
4	Zip: Hobb				Phone:	Zip. Ai tesia, ivivi		T	Т			Analy	313 0110	IVIELIIO	T		П	$\neg$			KCKA
Phone:			<del></del> !		Email:	agroves@targaresour	ces.com		2											State	
		com; bbasto	s@tasman-g	eo.com; Iflores@tas	*PO Pendin			1	JRO/	21		0	0.00		Σ		×		NM CO	UT AZ	TX
Report due	by:		_						15 15	эу 80		s 601	de 3(		1		1 1	-	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	a d	IPH GRO/DRO/ORO by 8015	BTEX by 8021	Н	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks	
10:10	05.06.24	S	1		FL-1	1	11		х	х	X		х								
10:15	05.06.24	S	1		FL-12	2	12		х	х	Х		Х								
10:20	05.06.24	S	1		FL-1	3	13		х	Х	Х		Х								
10:25	05.06.24	S	1		FL-14	4	14		х	х	Х		Х								
10:30	05.06.24	S	1		FL-15		15		х	Х	Х		Х								
10;35	05.06.24	S	1		FL-16		16		х	х	Х		Х								
10:40	05.06.24	S	1		FL-1	7	17		х	Х	Х		Х								
10:45	05.06.24	S	1		FL-18	8	18		х	Х	х		Х								
10:50	05.06.24	S	1		FL-19	9	19		х	Х	х		Х								
10:55	05.06.24	S	1		FL-20	0	20		х	Х	х		Х								
	Instructions																				
I, (field sampler date or time of	), attest to the val collection is consi	idity and aut dered fraud	thenticity of t and may be a	his sample. I am aware t grounds for legal action.	that tampering with	h or intentionally mislabelling the Sampled by:	sample location	· ·											on ice the day n 6 °C on subs		oled or
12m	by: (Standure)	2	05.07	7.24 Time	29 Received	d by: (Signature) chelle Gonzales	Date 5-7-6	24	Time	320	ì	Reco	eived	on ice:		ab U	se On	ıly			
Relimbuished	by: (Signature)	Page	Date	7-24 180	S Received	d by: (Signature)	5 · 7 · 2	4	Time / 8	30:	5	T1			T2				T3		
Relinguished	oy: (Signature)	Luck	Date		Received	d by: (Signature)	Date 5-X-2	1	Time			AVG	Tem	o°C_	4						
Sample Matrix:	S - Soil, Sd - Solid,	Sg - Sludge,	A - Aqueous			1. 10.00	Containe								ber gla	ass, v	- VOA	\			
Note: Sample	s are discarded	30 days aft	er results ar	e reported unless oth		are made. Hazardous sampl	les will be retu	rned to	clien	t or di									analysis of	the above	samples is
applicable on	y to those samp	les receive	d by the lab	oratory with this COC	. The liability of t	the laboratory is limited to the	e amount paid	for on t	he re	port.											)

envirotech Inc.

Printed: 5/9/2024 10:56:35AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Targa Date Received: 05/08/24 05:00 Work Order ID: E405107 Client: Logged In By: Alexa Michaels Phone: (432) 999-8675 Date Logged In: 05/07/24 17:36 Email: bdennis@tasman-geo.com Due Date: 05/14/24 17:00 (4 day TAT) Chain of Custody (COC) 1. Does the sample ID match the COC? Yes 2. Does the number of samples per sampling site location match the COC Ycs 3. Were samples dropped off by client or carrier? Yes Carrier: Courier Yes 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Yes Note: Analysis, such as pH which should be conducted in the field, Comments/Resolution i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) Yes 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sample(s) received intact, i.e., not broken? No 10. Were custody/security seals present? No 11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA NA 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory Nο 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA **Client Instruction** 

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

Report to:
Brett Dennis







5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

### Targa

Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill

Work Order: E405107

Job Number: 21102-0001

Received: 5/8/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/15/24

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

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

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

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

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

Date Reported: 5/15/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill

Workorder: E405107

Date Received: 5/8/2024 5:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2024 5:00:00AM, under the Project Name: 7138 Red Hills 2 Amine Spill.

The analytical test results summarized in this report with the Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

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### Sample Summary

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	Keporteu.
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 15:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL-1	E405107-01A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-2	E405107-02A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-3	E405107-03A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-4	E405107-04A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-5	E405107-05A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-6	E405107-06A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-7	E405107-07A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-8	E405107-08A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-9	E405107-09A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-10	E405107-10A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-11	E405107-11A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-12	E405107-12A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-13	E405107-13A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-14	E405107-14A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-15	E405107-15A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-16	E405107-16A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-17	E405107-17A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-18	E405107-18A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-19	E405107-19A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-20	E405107-20A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-1 E405107-01

		E405107-01					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		112 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		106 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
pH @25°C	8.26			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		112 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		91.8 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		106 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	89.1	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	54.2	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		112 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	32.0	20.0		1	05/09/24	05/09/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-2 E405107-02

		E403107-02					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	0.0505	0.0250		1	05/08/24	05/12/24	
o-Xylene	0.0410	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	0.0525	0.0500		1	05/08/24	05/12/24	
Total Xylenes	0.0935	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		107 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.70			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		107 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	269	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	124	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		113 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	67.1	20.0		1	05/09/24	05/09/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-3 E405107-03

		E-103107-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	0.0290	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	0.0765	0.0250		1	05/08/24	05/12/24	
o-Xylene	0.0285	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	0.0645	0.0500		1	05/08/24	05/12/24	
Total Xylenes	0.0930	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		105 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.44			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		105 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	230	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	94.8	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		108 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	71.2	20.0		1	05/09/24	05/09/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
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Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-4 E405107-04

	E403107-04					
	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
ND	0.0250		1	05/08/24	05/12/24	
ND	0.0250		1	05/08/24	05/12/24	
0.0615	0.0250		1	05/08/24	05/12/24	
ND	0.0250		1	05/08/24	05/12/24	
ND	0.0500		1	05/08/24	05/12/24	
ND	0.0250		1	05/08/24	05/12/24	
	113 %	70-130		05/08/24	05/12/24	
	93.6 %	70-130		05/08/24	05/12/24	
	104 %	70-130		05/08/24	05/12/24	
pH Units	pH Units		Analyst	: WF		Batch: 2419153
8.29			1	05/09/24	05/09/24	
mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
ND	20.0		1	05/08/24	05/12/24	
	113 %	70-130		05/08/24	05/12/24	
	93.6 %	70-130		05/08/24	05/12/24	
	104 %	70-130		05/08/24	05/12/24	
mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
207	25.0		1	05/10/24	05/15/24	
89.1	50.0		1	05/10/24	05/15/24	
	111 %	50-200		05/10/24	05/15/24	
mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
97.5	20.0		1	05/09/24	05/09/24	
	mg/kg ND ND 0.0615 ND ND ND ND  pH Units 8.29 mg/kg ND  mg/kg 207 89.1	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           I13 %         93.6 %           104 %         pH Units           B.29         mg/kg           mg/kg         mg/kg           ND         20.0           113 %         93.6 %           104 %         104 %           mg/kg         mg/kg           207         25.0           89.1         50.0           111 %         mg/kg	Reporting Limit       Dil	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           113 %         70-130         70-130           104 %         70-130         1           PH Units         PH Units         Analyst           8.29         1         1           mg/kg         mg/kg         Analyst           ND         20.0         1           113 %         70-130         70-130           104 %         70-130         70-130           104 %         70-130         1           mg/kg         mg/kg         Analyst           207         25.0         1           89.1         50.0         1           111 %         50-200           mg/kg         Analyst	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: RAS           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           0.0615         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           93.6 %         70-130         05/08/24           93.6 %         70-130         05/08/24           pH Units         Analyst: RAS           ND         20.0         1         05/08/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/08/24           113 %         70-130         05/08/24           93.6 %         70-130         05/08/24           104 %         70-130         05/08/24           mg/kg         mg/kg         Analyst: NV <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           ND         0.0500         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           93.6 %         70-130         05/08/24         05/12/24           pH Units         pH Units         Analyst: WF         N           8.29         1         05/09/24         05/09/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/08/24         05/12/24           113 %         70-130         05/08/24         05</td>	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           ND         0.0500         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           93.6 %         70-130         05/08/24         05/12/24           pH Units         pH Units         Analyst: WF         N           8.29         1         05/09/24         05/09/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/08/24         05/12/24           113 %         70-130         05/08/24         05



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
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#### FL-5 E405107-05

		= :::::::::::::::::::::::::::::::::::::					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
pH @25°C	8.23			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	84.0	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	71.7	20.0		1	05/09/24	05/09/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-6 E405107-06

		======					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	į	1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	WF		Batch: 2419153
pH @25°C	8.12			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2419185
Diesel Range Organics (C10-C28)	75.8	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0	:	1	05/10/24	05/15/24	
Surrogate: n-Nonane		104 %	50-200		05/10/24	05/15/24	
							2410154
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2419154

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
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Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-7 E405107-07

	E403107-07					
	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RAS		Batch: 2419119
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0500		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
	119 %	70-130		05/08/24	05/13/24	
	97.9 %	70-130		05/08/24	05/13/24	
	98.4 %	70-130		05/08/24	05/13/24	
pH Units	pH Units		Analyst:	WF		Batch: 2419153
7.97			1	05/09/24	05/09/24	
mg/kg	mg/kg		Analyst:	RAS		Batch: 2419119
ND	20.0		1	05/08/24	05/13/24	
	119 %	70-130		05/08/24	05/13/24	
	97.9 %	70-130		05/08/24	05/13/24	
	98.4 %	70-130		05/08/24	05/13/24	
mg/kg	mg/kg		Analyst	NV		Batch: 2419185
85.4	25.0		1	05/10/24	05/15/24	
ND	50.0		1	05/10/24	05/15/24	
	112 %	50-200	_	05/10/24	05/15/24	
mg/kg	mg/kg		Analyst	WF		Batch: 2419154
60.1	20.0		1	05/09/24	05/10/24	
	mg/kg ND Mg/kg ND  mg/kg  85.4 ND	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           I19 %         97.9 %           98.4 %         98.4 %           PH Units         pH Units           7.97         mg/kg         mg/kg           ND         20.0           119 %         97.9 %           98.4 %         98.4 %           mg/kg         mg/kg           85.4         25.0           ND         50.0           112 %         mg/kg           mg/kg         mg/kg	Reporting Limit         Dil	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           119 %         70-130         70-130           98.4 %         70-130         70-130           pH Units         pH Units         Analyst           ng/kg         mg/kg         Analyst	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: RAS           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         70-130         05/08/24           97.9 %         70-130         05/08/24           98.4 %         70-130         05/08/24           pH Units         Analyst: RAS           ND         20.0         1         05/08/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/08/24           98.4 %         70-130         05/08/24           98.4 %         70-130         05/08/24           98.4 %         70-130         05/08/24           98.4 %         70-130         05/08/24	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           97.9 %         70-130         05/08/24         05/13/24           97.9 %         70-130         05/08/24         05/13/24           pH Units         pH Units         Analyst: WF           7.97         1         05/09/24         05/09/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/08/24         05/13/24           97.9 %         70-130         05/08/24         05/13/24

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
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#### FL-8 E405107-08

		E403107-00					
_		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	7.94			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		116 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	181	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	73.4	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		113 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	86.0	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-9 E405107-09

	E403107-09					
	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	RAS		Batch: 2419119
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0500		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
	112 %	70-130		05/08/24	05/13/24	
	96.2 %	70-130		05/08/24	05/13/24	
	105 %	70-130		05/08/24	05/13/24	
pH Units	pH Units		Analyst	WF		Batch: 2419153
7.90			1	05/09/24	05/09/24	
mg/kg	mg/kg		Analyst	RAS		Batch: 2419119
ND	20.0		1	05/08/24	05/13/24	
	112 %	70-130		05/08/24	05/13/24	
	96.2 %	70-130		05/08/24	05/13/24	
	105 %	70-130		05/08/24	05/13/24	
mg/kg	mg/kg		Analyst	NV		Batch: 2419185
160	25.0		1	05/10/24	05/15/24	
62.4	50.0		1	05/10/24	05/15/24	
	112 %	50-200		05/10/24	05/15/24	
mg/kg	mg/kg		Analyst	WF		Batch: 2419154
140	20.0		1	05/09/24	05/10/24	<u> </u>
	mg/kg ND	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           I12 %         96.2 %           105 %         pH Units           PH Units         pH Units           7.90         mg/kg           mg/kg         mg/kg           ND         20.0           112 %         96.2 %           105 %         105 %           mg/kg         mg/kg           160         25.0           62.4         50.0           112 %         mg/kg           mg/kg         mg/kg	Reporting Limit         Dil	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           112 %         70-130         70-130           96.2 %         70-130         70-130           pH Units         pH Units         Analyst           ND         20.0         1           112 %         70-130         70-130           96.2 %         70-130         70-130           105 %         70-130         105 %           mg/kg         mg/kg         Analyst           160         25.0         1           62.4         50.0         1           mg/kg         mg/kg         Analyst	Reporting Limit         Dilution         Prepared           mg/kg         MD         Dilution         Prepared           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           96.2 %         70-130         05/08/24           pH Units         PH Units         Analyst: WF           7.90         1         05/09/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/08/24           112 %         70-130         05/08/24           96.2 %         70-130         05/08/24           105 %         70-130         05/08/24           105 %         70-130	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RAS           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           96.2 %         70-130         05/08/24         05/13/24           pH Units         pH Units         Analyst: WF           7.90         1         05/09/24         05/09/24           mg/kg         mg/kg         Analyst: RAS           ND         20.0         1         05/08/24         05/13/24           112 %         70-130         05/08/24         05/13/24

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

### FL-10 E405107-10

		E-103107-10					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	:: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		105 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	:: WF		Batch: 2419153
рН @25°C	8.22			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	:: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		105 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	:: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	64.6	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		114 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	:: WF		Batch: 2419154
Chloride	99.9	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-11 E405107-11

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Di	lution	Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		99.8 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.01			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		99.8 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	27.8	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		104 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	55.0	20.0		1	05/09/24	05/10/24	_



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

### FL-12 E405107-12

		E403107-12					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		102 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.11			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.4 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		102 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	43.6	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		110 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	62.9	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

### FL-13 E405107-13

		E403107-13					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		109 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		101 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.02			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		109 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		101 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	70.2	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		115 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	50.7	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-14 E405107-14

		Elector II					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		107 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.14			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		107 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	72.3	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	56.6	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-15 E405107-15

		2100107 10					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		102 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	WF		Batch: 2419153
рН @25°C	8.21			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		113 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		102 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2419185
Diesel Range Organics (C10-C28)	55.1	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2419154

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-16 E405107-16

Assher	D14	Reporting Limit		lution	Dunand	A a h	Notes
Analyte	Result	Limit	Dı	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
pH @25°C	8.21			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	59.2	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		118 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	82.3	20.0		1	05/09/24	05/10/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-17 E405107-17

		110010717					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.22			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	48.9	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		110 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	61.4	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-18 E405107-18

		E403107-16					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
рН @25°C	8.04			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		114 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		109 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	46.5	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-19 E405107-19

		E403107-19					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
pH @25°C	8.15			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		115 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		104 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	26.5	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	57.6	20.0		1	05/09/24	05/10/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

#### FL-20 E405107-20

		E403107-20					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2419153
pH @25°C	8.01			1	05/09/24	05/09/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RAS		Batch: 2419119
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		111 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		103 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2419185
Diesel Range Organics (C10-C28)	29.7	25.0		1	05/10/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/15/24	
Surrogate: n-Nonane		117 %	50-200		05/10/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: WF		Batch: 2419154
Chloride	45.1	20.0		1	05/09/24	05/10/24	

7138 Red Hills 2 Amine Spill Targa Project Name: Reported: 12600 WCR 91 21102-0001 Project Number: Midland TX, 79707 Project Manager: Brett Dennis 5/15/2024 3:16:51PM **Volatile Organic Compounds by EPA 8260B** Analyst: RAS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Prepared: 05/08/24 Analyzed: 05/12/24 Blank (2419119-BLK1) ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.557 0.500 111 70-130 Surrogate: 1,2-Dichloroethane-d4 0.474 0.500 94.8 70-130 0.500 101 70-130 Surrogate: Toluene-d8 0.505 LCS (2419119-BS1) Prepared: 05/08/24 Analyzed: 05/12/24 2.65 0.0250 2.50 106 70-130 Benzene 2.58 2.50 103 70-130 Ethylbenzene 0.0250 2.60 0.0250 2.50 104 70-130 70-130 2.62 0.0250 2.50 105 o-Xylene 5.27 5.00 105 70-130 p,m-Xylene 0.0500 7.89 0.0250 7.50 105 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.557 0.500 111 70-130 0.500 97.0 70-130 Surrogate: 1,2-Dichloroethane-d4 0.485 70-130 Surrogate: Toluene-d8 0.510 0.500 Matrix Spike (2419119-MS1) Source: E405107-04 Prepared: 05/08/24 Analyzed: 05/12/24 2.63 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.61 0.0250 2.50 ND 104 0.0615 48-130 Toluene 2.71 0.0250 2.50 106 2.68 0.0250 2.50 ND 107 43-135 o-Xylene 5.00 ND 108 43-135 p,m-Xylene 5.38 0.0500 Total Xylenes 8.06 0.0250 7.50 ND 107 43-135 0.593 0.500 119 70-130 Surrogate: Bromofluorobenzene 0.501 0.500 100 70-130 Surrogate: 1,2-Dichloroethane-d4

0.500

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

0.521

2.60

2.55

2.63

2.60

5.20

7.80

0.564

0.478

0.514

70-130

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

1.45

2.19

2.89

2.77

3.47

3.23

Source: E405107-04

104

103

104

104

104

113

95.6

ND

ND

0.0615

ND

ND

ND



Prepared: 05/08/24 Analyzed: 05/12/24

23

27

24

27

27

27

Surrogate: Toluene-d8

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2419119-MSD1)

Targa 12600 WCR 91	Project Name: Project Number:	7138_Red_Hills_2_Amine_Spill 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

	Wet	Chemistry	by EPA	.9045D
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Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	Notes

LCS (2419153-BS1)				Prepared: 05	/09/24 Analyzed: 05/09/24
рН	7.96	8.00	99.5 98	.75-101.25	
<b>Duplicate (2419153-DUP1)</b>		Se	ource: E405107-03	Prepared: 05	/09/24 Analyzed: 05/09/24
pH	8.40	8	44	0.487	20



 Targa
 Project Name:
 7138\_Red\_Hills\_2\_Amine\_Spill
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 5/15/2024
 3:16:51PM

Anal	yst:	RAS
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Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes

	Result	2	Ec ver	1000011	ICCC	2111110	1412	2	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419119-BLK1)							Prepared: 05	5/08/24 A	analyzed: 05/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.557		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.8	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			
LCS (2419119-BS2)							Prepared: 05	5/08/24 A	analyzed: 05/12/24
Gasoline Range Organics (C6-C10)	57.5	20.0	50.0		115	70-130			
Surrogate: Bromofluorobenzene	0.591		0.500		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			
Matrix Spike (2419119-MS2)				Source:	E405107-	04	Prepared: 05	5/08/24 A	analyzed: 05/12/24
Gasoline Range Organics (C6-C10)	58.9	20.0	50.0	ND	118	70-130			
Surrogate: Bromofluorobenzene	0.579		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			
Matrix Spike Dup (2419119-MSD2)				Source:	E405107-	04	Prepared: 05	5/08/24 A	analyzed: 05/12/24
Gasoline Range Organics (C6-C10)	58.9	20.0	50.0	ND	118	70-130	0.0212	20	
Surrogate: Bromofluorobenzene	0.585		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.528		0.500		106	70-130			



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	-
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 3:16:51PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis				5/	15/2024 3:16:51PM
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N.
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419185-BLK1)							Prepared: 0	5/10/24 Ana	lyzed: 05/14/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.3		50.0		115	50-200			
LCS (2419185-BS1)							Prepared: 0	5/10/24 Ana	llyzed: 05/14/24
Diesel Range Organics (C10-C28)	305	25.0	250		122	38-132			
Surrogate: n-Nonane	58.2		50.0		116	50-200			
LCS Dup (2419185-BSD1)							Prepared: 0	5/10/24 Ana	llyzed: 05/15/24
Diesel Range Organics (C10-C28)	287	25.0	250		115	38-132	6.26	20	-
Surrogate: n-Nonane	59.5		50.0		119	50-200			

Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager	: 2	7138_Red_Hills 21102-0001 Brett Dennis	s_2_Amin	e_Spill			<b>Reported:</b> 5/15/2024 3:16:51PM
		Anions	by EPA	300.0/9056 <i>A</i>	<b>\</b>				Analyst: WF
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2419154-BLK1)							Prepared: 05	5/09/24 A	nalyzed: 05/09/24
Chloride	ND	20.0							
LCS (2419154-BS1)							Prepared: 05	5/09/24 A	nalyzed: 05/09/24
Chloride	258	20.0	250		103	90-110			
LCS Dup (2419154-BSD1)							Prepared: 05	5/09/24 A	nalyzed: 05/09/24
Chloride	258	20.0	250		103	90-110	0.326	20	

#### QC Summary Report Comment:

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



### **Definitions and Notes**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 15:16

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client:	Targ	a Resour	ces	100		Bill To	Wallet To		Name of Street	La	b Us	se On	ly	the select			TA	AT	EPA P	rogram
Project Mai	38_Red_ nager: B	Hills - rett Den	2-Am	ine-Spill	Attention: Address:	Amber Groves 201 S 4th St.		Lab y	Y05	10	*	211		1000	1D	2D	3D	Standard X	CWA	SDWA
Address: City, State,	Z620 W Zip: Hobb	V. Marlar os, NM 88			City, State, Zi	ip: Artesia, NM						Analy	sis and	Metho	d T					RCRA
325-660-73			_		-	agroves@targaresourc	es.com		/ORO						_			NINAL CO.	State	LTVI
Report due	Contract of the Contract of th	.com; bbast	os@tasman-	geo.com; Iflores@ta	*PO Pending			1	J/DRC	8021		5010	300.0		Z		¥	NM CO	UT AZ	TX
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	ЬН	Metals 6010	Chloride		BGDOC		GDOC	DE:	Remarks	
9:20	05.06.24	S	1		FL-1		1		Х	Х	Х		х							
9:25	05.06.24	S	1		FL-2		2		х	Х	Х		Х							
9:30	05.06.24	S	1		FL-3		3		х	Х	Х		Х							
9:35	05.06.24	S	1		FL-4		4		х	Х	Х		Х							
9:40	05.06.24	S	1		FL-5		5		х	Х	Х		Х							
9:45	05.06.24	S	1		FL-6		6		х	Х	Х		Х							
9:50	05.06.24	S	1		FL-7		7		Х	Х	Х		Х							
9:55	05.06.24	S	1		FL-8		8		х	Х	Х		Х							W 20 H 33
10:00	05.06.24	S	1		FL-9		9		х	Х	х		Х							
10:05	05.06.24	S	1		FL-10		10		х	Х	х		Х							
Additional	Instructions	s:						-												
I, (field sampler	), attest to the va	alidity and a	uthenticity of	this sample. I am aware	e that tampering with	or intentionally mislabelling the	sample locatio	n,	05			100						eceived on ice the day		oled or
	by: (sign) ture	-D	05.07	24 Time	29 Received to	by: (signatura) helle Gongales	Date 5-7-	24	Time 13	29		Rece	eived	on ice:		ab U	se On	ily		
Miche	ov: (Signature)	zales	Date 5-	7-24 180		by: (Signature)	Date 5.7.	24	Time	30	5	T1			<u>T2</u>			<u></u>		
Relinquished	: (Signature)	U	S.	7.24 242	Received	by: (Signature)	5-8-	24	Time	500	0	AVG	Tem	°C	4					
Sample Matrix:	S - Soil, Sd - Solid	d, <b>Sg</b> - Sludge	e, <b>A</b> - Aqueou		- //	p p	Containe									ass, v	- VOA			
4		- 3			7/4	are made. Hazardous samp					-	sed of	at the	lient exp	ense.	The	report	for the analysis o	f the above	samples is



Client:	Targa	Resour	ces			Bill To				La	b Us	se On	ly	Page 1	T		T	AT	EPA P	rogram
Project: 71	38_Red_	Hills.	2.Am	me-Spill	Attentio			Lab V E 4	VO#	10	7	Job	Numb	er	1D	2D	3D	Standard	CWA	SDWA
<u>Project Mai</u> Address:		rett Denr . Marlan			Address:	te, Zip: Artesia, NM		E 9	05	10	1	Apal	102	-000 d Metho	1d			X		RCRA
-	Zip: Hobb				Phone:	te, zip. Ai tesia, ivivi			П			Anany	313 011	u Metric	T					KCKA
Phone:					Email:	agroves@targaresou	rces.com		OKC										State	
		com; bbasto	s@tasman-ge	eo.com; Iflores@tas	*PO Pen	ding*		0	) NO	21		0	0.00		Σ		×	NM CO	UT AZ	TX
Report due	by:								RO/L	y 80		s 601	de 30		1			×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	1	TPH GRO/DRO/ORO by 8015	BTEX by 8021	ЬН	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	
10:10	05.06.24	S	1		FL	L-11	11		х	X	X		Х							
10:15	05.06.24	S	1		FL	L-12	12		х	Х	Х		Х							
10:20	05.06.24	S	1		FL	L-13	13		х	Х	Х		Х							
10:25	05.06.24	S	1		FL	L-14	14		х	Х	Х		Х							
10:30	05.06.24	S	1		FL	L-15	15		х	Х	Х		Х		i i					
10;35	05.06.24	S	1		Fl	L-16	16		х	Х	х		Х							
10:40	05.06.24	S	1		FL-17		17		х	Х	Х		Х							
10:45	05.06.24	S	1		Fl	L-18	18		х	Х	х		Х							
10:50	05.06.24	S	1		FL	L-19	19		х	Х	х		х							
10:55	05.06.24	S	1		Fl	L-20	20		х	х	х		Х							
	Instructions:																			
I, (field sampler date or time of	), attest to the val	idity and au dered fraud	thenticity of t and may be g	his sample. I am aware grounds for legal action.	that tampering	with or intentionally mislabelling th Sampled by:	e sample location	403	1			100000 CO						eceived on ice the da : less than 6 °C on sub		pled or
Retinguished t	y: (Standure)	2	05.07			eived by: (Signature)		14	Time	320	ì	Rec	eived	on ice:		ab U	lse Or	nly		
MA. D	oy: (Signature)	ρ	Date	7-24 180	Rece	eived by: (Signature)	5.7.2	ч	Time / {	30	5	T1			T2			Т3		
Relinguished	ov: (Signature)	Lus	Date	7.24 Time 24	Rece	eived by: (Signature)	Date 5-8-2		Time	SUC		AVG	Tem	p °C						
Sample Matrix:	S - Soil, Sd - Solid,	Sg - Sludge		. 01	00 170	The In the Investment of the I	Containe				<b>p</b> - p	ooly/p	lastic	ag - am	ber gl	ass, v	- VO	4		
Note: Samples	are discarded	30 days aft	er results ar	e reported unless oth		ents are made. Hazardous sam						ed of a	t the o	lient exp	ense.	The r	eport f	for the analysis o	the above	samples is
lapplicable onl	v to those samo	les receive	d by the lab	oratory with this COO	. The liability	of the laboratory is limited to the	ne amount paid	for on t	the re	port.										£

Printed: 5/9/2024 10:56:35AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

THE R. P. LEWIS CO., LANSING MICH. 40, 411, 411, 411, 411, 411, 411, 411,	
If we receive no response concerning these items within 24 hours of the date of this notice, all the	samples will be analyzed as requested.
to the court the copenies concerning most remain a concern and and a concern and	

Targa Date Received: 05/08/24 05:00 Work Order ID: E405107 Client: (432) 999-8675 05/07/24 17:36 Alexa Michaels Phone: Date Logged In: Logged In By: Email: bdennis@tasman-geo.com Due Date: 05/14/24 17:00 (4 day TAT) Chain of Custody (COC) 1. Does the sample ID match the COC? Yes 2. Does the number of samples per sampling site location match the COC Ycs 3. Were samples dropped off by client or carrier? Yes Carrier: Courier Yes 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Yes Note: Analysis, such as pH which should be conducted in the field, Comments/Resolution i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) Yes 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sample(s) received intact, i.e., not broken? No 10. Were custody/security seals present? No 11. If yes, were custody/security seals intact? NA 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA NA 16. Is the head space less than 6-8 mm (pea sized or less)? 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Collectors name? Yes Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? No 22. Are sample(s) correctly preserved? NA 24. Is lab filteration required and/or requested for dissolved metals? No Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No 27. If yes, does the COC specify which phase(s) is to be analyzed? NA Subcontract Laboratory Nο 28. Are samples required to get sent to a subcontract laboratory? 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA **Client Instruction** envirotech Inc.

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

Report to:
Brett Dennis





5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

#### Targa

Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill

Work Order: E405108

Job Number: 21102-0001

Received: 5/8/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/15/24

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

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

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

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

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

Date Reported: 5/15/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 7138 Red Hills 2 Amine Spill

Workorder: E405108

Date Received: 5/8/2024 5:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2024 5:00:00AM, under the Project Name: 7138 Red Hills 2 Amine Spill.

The analytical test results summarized in this report with the Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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#### Sample Summary

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	Reported.
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 13:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL-21	E405108-01A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-22	E405108-02A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-23	E405108-03A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-24	E405108-04A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-25	E405108-05A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-26	E405108-06A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-27	E405108-07A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-28	E405108-08A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-29	E405108-09A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-30	E405108-10A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-31	E405108-11A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-32	E405108-12A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-33	E405108-13A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-34	E405108-14A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-35	E405108-15A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-36	E405108-16A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-37	E405108-17A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-38	E405108-18A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-39	E405108-19A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-40	E405108-20A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-21 E405108-01

		E405108-01					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		97.7 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
pH @25°C	8.07			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		97.7 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	31.8	25.0		1	05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/13/24	
Surrogate: n-Nonane		88.2 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	47.6	20.0		1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-22 E405108-02

		E405108-02					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.6 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	8.56			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.8 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.6 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	39.5	25.0		1	05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/13/24	
Surrogate: n-Nonane		86.8 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	35.5	20.0		1	05/13/24	05/13/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-23 E405108-03

		E403100-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
platile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
enzene	ND	0.0250		1	05/08/24	05/13/24	
hylbenzene	ND	0.0250		1	05/08/24	05/13/24	
luene	ND	0.0250		1	05/08/24	05/13/24	
Xylene	ND	0.0250		1	05/08/24	05/13/24	
n-Xylene	ND	0.0500		1	05/08/24	05/13/24	
tal Xylenes	ND	0.0250		1	05/08/24	05/13/24	
rrogate: Bromofluorobenzene		100 %	70-130		05/08/24	05/13/24	
rrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/08/24	05/13/24	
rrogate: Toluene-d8		96.3 %	70-130		05/08/24	05/13/24	
et Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	WF		Batch: 2420051
I @25°C	8.18			1	05/14/24	05/14/24	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
asoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
rrogate: Bromofluorobenzene		100 %	70-130		05/08/24	05/13/24	
rrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/08/24	05/13/24	
rrogate: Toluene-d8		96.3 %	70-130		05/08/24	05/13/24	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419186
esel Range Organics (C10-C28)	38.4	25.0	•	1	05/10/24	05/13/24	
1 Range Organics (C28-C36)	53.9	50.0		1	05/10/24	05/13/24	
rrogate: n-Nonane		89.6 %	50-200		05/10/24	05/13/24	
nions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2420024
lloride	36.7	20.0		1	05/13/24	05/13/24	
1 Range Organics (C28-C36)  rrogate: n-Nonane  nions by EPA 300.0/9056A	53.9 mg/kg	50.0 89.6 % mg/kg	50-200	1 Analyst:	05/10/24 05/10/24 DT	05/13/24 05/13/24	Batch:

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-24 E405108-04

		E405108-04					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.1 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
pH @25°C	8.33			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.1 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	25.3	25.0		1	05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/13/24	
Surrogate: n-Nonane		91.2 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	38.1	20.0		1	05/13/24	05/13/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-25 E405108-05

		E403100-03					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.2 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	: WF		Batch: 2420051
pH @25°C	7.89			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.2 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	36.9	25.0	•	1	05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/13/24	
Surrogate: n-Nonane		87.4 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2420024
Chloride	23.8	20.0		1	05/13/24	05/13/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-26 E405108-06

	E405108-06					
	Reporting					
Result	Limit	Dil	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0500		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
	100 %	70-130		05/08/24	05/13/24	
	103 %	70-130		05/08/24	05/13/24	
	97.5 %	70-130		05/08/24	05/13/24	
pH Units	pH Units		Analyst	: WF		Batch: 2420051
7.89			1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	20.0		1	05/08/24	05/13/24	
	100 %	70-130		05/08/24	05/13/24	
	103 %	70-130		05/08/24	05/13/24	
	97.5 %	70-130		05/08/24	05/13/24	
mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
ND	25.0		1	05/10/24	05/13/24	
ND	50.0		1	05/10/24	05/13/24	
	86.3 %	50-200		05/10/24	05/13/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
31.0	20.0		1	05/13/24	05/14/24	
	mg/kg ND	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IOO %         103 %           97.5 %         pH Units           PH Units         pH Units           7.89         mg/kg           MD         20.0           100 %         103 %           97.5 %         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0           86.3 %         mg/kg	Reporting           Limit         Dit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           100 %         70-130           97.5 %         70-130           pH Units         pH Units           7.89         mg/kg           mg/kg         mg/kg           ND         20.0           100 %         70-130           97.5 %         70-130           97.5 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           86.3 %         50-200           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           100 %         70-130         70-130           97.5 %         70-130         70-130           pH Units         pH Units         Analyst           ND         20.0         1           100 %         70-130         70-130           97.5 %         70-130         70-130           97.5 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           86.3 %         50-200           mg/kg         Mg/kg         Analyst	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: BA           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         70-130         05/08/24           97.5 %         70-130         05/08/24           97.5 %         70-130         05/08/24           PH Units         PH Units         Analyst: BA           ND         20.0         1         05/08/24           100 %         70-130         05/08/24           ND         20.0         1         05/08/24           103 %         70-130         05/08/24           97.5 %         70-130         05/08/24           97.5 %         70-130         05/08/24           mg/kg         mg/kg         Analyst: KM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           100 %         70-130         05/08/24         05/13/24           pH Units         Analyst: WF         T           7.89         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24         05/13/24           103 %         70-130         05/08/24         05/13/24 <tr< td=""></tr<>

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-27 E405108-07

		E-103100-07					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		98.1 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	WF		Batch: 2420051
рН @25°C	8.03			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		98.1 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/13/24	
Surrogate: n-Nonane		89.9 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2420024
Chloride	40.8	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-28 E405108-08

		E403100-00					
		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	į	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		96.5 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	: WF		Batch: 2420051
рН @25°C	8.02			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		96.5 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	-	1	05/10/24	05/14/24	
Surrogate: n-Nonane		90.1 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2420024
Chloride	27.6	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-29 E405108-09

	E405108-09					
	Reporting					
Result	Limit	Dil	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0500		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
	99.4 %	70-130		05/08/24	05/13/24	
	103 %	70-130		05/08/24	05/13/24	
	97.2 %	70-130		05/08/24	05/13/24	
pH Units	pH Units		Analyst	: WF		Batch: 2420051
8.98			1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	20.0		1	05/08/24	05/13/24	
	99.4 %	70-130		05/08/24	05/13/24	
	103 %	70-130		05/08/24	05/13/24	
	97.2 %	70-130		05/08/24	05/13/24	
mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
ND	25.0		1	05/10/24	05/14/24	
ND	50.0		1	05/10/24	05/14/24	
	95.5 %	50-200		05/10/24	05/14/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
32.9	20.0		1	05/13/24	05/14/24	
	mg/kg ND	Result       Reporting Limit         mg/kg       mg/kg         ND       0.0250         ND       0.0250         ND       0.0250         ND       0.0500         ND       0.0250         PM       103 %         97.2 %       9H Units         PH Units       pH Units         8.98       mg/kg         MD       20.0         99.4 %       103 %         103 %       97.2 %         mg/kg       mg/kg         ND       25.0         ND       50.0         95.5 %       mg/kg         mg/kg       mg/kg	Reporting           Limit         Dit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           99.4 % 70-130           97.2 % 70-130           pH Units         pH Units           8.98         mg/kg           mg/kg         mg/kg           ND         20.0           99.4 % 70-130         70-130           97.2 % 70-130         97.2 % 70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           95.5 % 50-200         50-200	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           PM         70-130         70-130           97.2 %         70-130         70-130           pH Units         pH Units         Analyst           ND         20.0         1           99.4 %         70-130         70-130           103 %         70-130         70-130           97.2 %         70-130         70-130           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           95.5 %         50-200           mg/kg         Mg/kg         Analyst	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: BA           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         70-130         05/08/24           99.4 %         70-130         05/08/24           pH Units         PH Units         Analyst: WF           8.98         1         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24           103 %         70-130         05/08/24           103 %         70-130         05/08/24           97.2 %         70-130         05/08/24           mg/kg         mg/kg         Analyst: KM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           99.4 %         70-130         05/08/24         05/13/24           97.2 %         70-130         05/08/24         05/13/24           Mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24         05/13/24           103 %         70-130         05/08/24         05/13/24           103 %         70-130         05/08/24 <t< td=""></t<>

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-30 E405108-10

	E405108-10					
	Reporting					
Result	Limit	Di	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0500		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
	101 %	70-130		05/08/24	05/13/24	
	104 %	70-130		05/08/24	05/13/24	
	97.6 %	70-130		05/08/24	05/13/24	
pH Units	pH Units		Analyst	: WF		Batch: 2420051
8.05			1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	20.0		1	05/08/24	05/13/24	
	101 %	70-130		05/08/24	05/13/24	
	104 %	70-130		05/08/24	05/13/24	
	97.6 %	70-130		05/08/24	05/13/24	
mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
ND	25.0		1	05/10/24	05/14/24	
ND	50.0		1	05/10/24	05/14/24	
	92.7 %	50-200		05/10/24	05/14/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
ND	20.0		1	05/13/24	05/14/24	
	mg/kg ND	Result       Reporting Limit         mg/kg       mg/kg         ND       0.0250         ND       0.0250         ND       0.0250         ND       0.0500         ND       0.0250         ND       0.0250         I01 %       104 %         97.6 %       97.6 %         mg/kg       mg/kg         ND       20.0         101 %       104 %         97.6 %       97.6 %         mg/kg       mg/kg         ND       25.0         ND       50.0         92.7 %       mg/kg         mg/kg       mg/kg	Reporting           Result         Limit         Di           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           ND         70-130           104 %         70-130           97.6 %         70-130           pH Units         pH Units           8.05         mg/kg           MD         20.0           101 %         70-130           104 %         70-130           97.6 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           92.7 %         50-200           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           101 %         70-130         70-130           97.6 %         70-130         1           mg/kg         mg/kg         Analyst           ND         20.0         1           101 %         70-130         1           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         25.0         1           ND         50.0         1           92.7 %         50-200           mg/kg         Mg/kg         Analyst	Reporting         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         70-130         05/08/24           97.6 %         70-130         05/08/24           pH Units         pH Units         Analyst: WF           8.05         1         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24           101 %         70-130         05/08/24           104 %         70-130         05/08/24           104 %         70-130         05/08/24           97.6 %         70-130         05/08/24           mg/kg         mg/kg         Analyst: KM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           101 %         70-130         05/08/24         05/13/24           97.6 %         70-130         05/08/24         05/13/24           MD         20.0         1         05/08/24         05/13/24           MD         20.0         1         05/08/24         05/13/24           MD         70-130         05/08/24         05/13/24           MD         70-6 %

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-31 E405108-11

		2.00100 11					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.8 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.6 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°С	8.34			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.8 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.6 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		90.2 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	28.2	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-32 E405108-12

		E403100-12					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.8 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		98.0 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	8.37			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.8 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		98.0 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		90.4 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	30.1	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-33 E405108-13

		E403100-13					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.9 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	7.94			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.9 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	143	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	81.6	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		93.8 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	31.0	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-34 E405108-14

		E403100-14					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		98.0 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	7.83			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		98.0 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		91.5 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	21.1	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-35 E405108-15

		E403100-13					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	7.99			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	29.6	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		91.5 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	35.7	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-36 E405108-16

		E405108-16					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.4 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	7.91			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.4 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		91.8 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	36.9	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-37 E405108-17

	E405108-17					
	Reporting					
Result	Limit	Dil	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0500		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
	98.7 %	70-130		05/08/24	05/13/24	
	106 %	70-130		05/08/24	05/13/24	
	97.5 %	70-130		05/08/24	05/13/24	
pH Units	pH Units		Analyst	: WF		Batch: 2420051
7.96			1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	20.0		1	05/08/24	05/13/24	
	98.7 %	70-130		05/08/24	05/13/24	
	106 %	70-130		05/08/24	05/13/24	
	97.5 %	70-130		05/08/24	05/13/24	
mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
ND	25.0		1	05/10/24	05/14/24	
ND	50.0		1	05/10/24	05/14/24	
	92.8 %	50-200		05/10/24	05/14/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
27.5	20.0		1	05/13/24	05/14/24	
	mg/kg ND	Result       Reporting Limit         mg/kg       mg/kg         ND       0.0250         ND       0.0250         ND       0.0250         ND       0.0500         ND       0.0250         MD       0.0250         98.7 %       106 %         97.5 %       9H Units         PH Units       pH Units         7.96       mg/kg         mg/kg       mg/kg         ND       20.0         98.7 %       106 %         97.5 %       106 %         97.5 %       mg/kg         MD       25.0         ND       50.0         92.8 %       mg/kg         mg/kg       mg/kg	Reporting           Limit         Dit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           98.7 %         70-130           97.5 %         70-130           pH Units         pH Units           7.96         mg/kg         mg/kg           ND         20.0           98.7 %         70-130           97.5 %         70-130           97.5 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           92.8 %         50-200           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           PM         70-130         1           98.7 %         70-130         70-130           pH Units         pH Units         Analyst           ND         20.0         1           98.7 %         70-130         1           98.7 %         70-130         1           97.5 %         70-130         1           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           92.8 %         50-200           mg/kg         Mg/kg         Analyst	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: BA           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           106 %         70-130         05/08/24           97.5 %         70-130         05/08/24           pH Units         PH Units         Analyst: WF           7.96         1         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24           106 %         70-130         05/08/24           97.5 %         70-130         05/08/24           97.5 %         70-130         05/08/24           mg/kg         mg/kg         Analyst: KM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           98.7 %         70-130         05/08/24         05/13/24           97.5 %         70-130         05/08/24         05/13/24           MpH Units         Analyst: BA           ND         20.0         1         05/08/24         05/13/24           Mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24         05/13/24

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-38 E405108-18

Notes ch: 2419120
ch: 2419120
ch: 2420051
ch: 2419120
ch: 2419186
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ch: 2420024

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-39 E405108-19

		E403100-17					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	8.40			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		98.9 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		94.7 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	41.3	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-40 E405108-20

		E403106-20					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.8 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°С	8.35			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.8 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	55.9	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		92.2 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	36.5	20.0		1	05/13/24	05/14/24	



**QC Summary Data** 7138 Red Hills 2 Amine Spill Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 5/15/2024 1:25:17PM **Volatile Organic Compounds by EPA 8260B** Analyst: BA Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2419120-BLK1) Prepared: 05/08/24 Analyzed: 05/12/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.496 0.500 99.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.503 0.500 101 70-130 0.500 97.1 70-130 Surrogate: Toluene-d8 0.486 LCS (2419120-BS1) Prepared: 05/08/24 Analyzed: 05/12/24 2.80 0.0250 2.50 112 70-130 Benzene 70-130 2.68 2.50 107 0.0250 Ethylbenzene 70-130 2.59 0.0250 2.50 104 2.66 2.50 106 70-130 0.0250 o-Xylene 103 5.14 5.00 70-130 p,m-Xylene 0.0500 7.79 0.0250 7.50 104 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.495 0.500 98.9 70-130 0.496 0.500 99.1 70-130 Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 0.500 70-130 0.493 Matrix Spike (2419120-MS1) Source: E405108-07 Prepared: 05/08/24 Analyzed: 05/12/24

Вонгоно	2.78	0.0250	2.50	ND	111	48-131	1.41	23			
Matrix Spike Dup (2419120-MSD1)				Source:	E405108-0	07	Prepared: 0:	5/08/24	Analyzed: 0	5/12/24	
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130					
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130					
Total Xylenes	7.85	0.0250	7.50	ND	105	43-135					
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135					
o-Xylene	2.66	0.0250	2.50	ND	107	43-135					
Toluene	2.62	0.0250	2.50	ND	105	48-130					
Ethylbenzene	2.70	0.0250	2.50	ND	108	45-135					
Benzene	2.82	0.0250	2.50	ND	113	48-131					

Matrix Spike Dup (2419120-MSD1)			Source: E405108-07			Prepared: 05/08/24 Analyzed: 05/12/24		
Benzene	2.78	0.0250	2.50	ND	111	48-131	1.41	23
Ethylbenzene	2.69	0.0250	2.50	ND	108	45-135	0.352	27
Toluene	2.58	0.0250	2.50	ND	103	48-130	1.38	24
o-Xylene	2.68	0.0250	2.50	ND	107	43-135	0.673	27
p,m-Xylene	5.20	0.0500	5.00	ND	104	43-135	0.318	27
Total Xylenes	7.88	0.0250	7.50	ND	105	43-135	0.439	27
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130		
Surrogate: Toluene-d8	0.490		0.500		97.9	70-130		

Targa 12600 WCR 91	Project Name: Project Number:	7138_Red_Hills_2_Amine_Spill 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

Wet	Chemistry	bv bv	EPA	.9045D

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	Notes

LCS (2420051-BS1)				Prepared:	05/14/24 Analyzed: 05/14/2	24
pН	7.95	8.00	99.4	98.75-101.25		
<b>Duplicate (2420051-DUP1)</b>		:	Source: E405108	-05 Prepared:	05/14/24 Analyzed: 05/14/2	24
рН	7.88		7.89	0.0761	20	



 Targa
 Project Name:
 7138\_Red\_Hills\_2\_Amine\_Spill
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 5/15/2024
 1:25:17PM

Nonhalogenated	<b>Organics</b>	by EPA	8015D -	GRO

Anal	yst:	В.
------	------	----

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

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419120-BLK1)							Prepared: 0:	5/08/24	Analyzed: 05/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			
LCS (2419120-BS2)							Prepared: 0:	5/08/24	Analyzed: 05/12/24
Gasoline Range Organics (C6-C10)	56.6	20.0	50.0		113	70-130			·
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			
Matrix Spike (2419120-MS2)				Source:	E405108-0	)7	Prepared: 0:	5/08/24	Analyzed: 05/12/24
G 1: P 0 : (G( G10)									
Gasoline Range Organics (C6-C10)	55.5	20.0	50.0	ND	111	70-130			
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene	55.5 0.516	20.0	50.0 0.500	ND	103	70-130 70-130			
		20.0		ND					
Surrogate: Bromofluorobenzene	0.516	20.0	0.500	ND	103	70-130			
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.516 0.498	20.0	0.500 0.500		103 99.6	70-130 70-130 70-130	Prepared: 0:	5/08/24	Analyzed: 05/12/24
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.516 0.498	20.0	0.500 0.500		103 99.6 100	70-130 70-130 70-130	Prepared: 0: 0.761	5/08/24	Analyzed: 05/12/24
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2419120-MSD2)	0.516 0.498 0.502		0.500 0.500 0.500	Source:	103 99.6 100 <b>E405108-</b> 0	70-130 70-130 70-130			Analyzed: 05/12/24
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Matrix Spike Dup (2419120-MSD2) Gasoline Range Organics (C6-C10)	0.516 0.498 0.502		0.500 0.500 0.500	Source:	103 99.6 100 <b>E405108-0</b> 112	70-130 70-130 70-130 70-130			Analyzed: 05/12/24



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

Midland TX, 79707		Project Manager	r: Br	ett Dennis				5/	15/2024 1:25:17PM		
	Nonhalogenated Organics by EPA 8015D - DRO/ORO								Analyst: KM		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2419186-BLK1)							Prepared: 0	5/10/24 Ana	lyzed: 05/13/24		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	47.2		50.0		94.4	50-200					
LCS (2419186-BS1)							Prepared: 0	5/10/24 Ana	lyzed: 05/13/24		
Diesel Range Organics (C10-C28)	233	25.0	250		93.1	38-132					
Surrogate: n-Nonane	46.4		50.0		92.8	50-200					
LCS Dup (2419186-BSD1)							Prepared: 0	5/10/24 Ana	lyzed: 05/13/24		
Diesel Range Organics (C10-C28)	235	25.0	250		94.0	38-132	0.984	20			
Surrogate: n-Nonane	46.5		50.0		93.1	50-200					

Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number Project Manager	: 2	138_Red_Hills 1102-0001 crett Dennis	s_2_Amin	e_Spill			<b>Reported:</b> 5/15/2024 1:25:17PM	
	Anions by EPA 300.0/9056A								Analyst: DT	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2420024-BLK1)							Prepared: 0:	5/13/24 Aı	nalyzed: 05/13/24	
Chloride	ND	20.0								
LCS (2420024-BS1)							Prepared: 0:	5/13/24 Aı	nalyzed: 05/13/24	
Chloride	252	20.0	250		101	90-110				
LCS Dup (2420024-BSD1)							Prepared: 0:	5/13/24 Aı	nalyzed: 05/13/24	
Chloride	251	20.0	250		100	90-110	0.176	20		

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 13:25

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client:	Tar	ga Resou	ırces		Bill To				J. B.	La	b Us	Jse Only					TA	EPA P	rogram	
Project: 71	38_Red_			e-Spill	Attention:	Lab W E 4	10#	חה	a	Job Number 21102-0001				2D	3D	Standard	CWA	SDWA		
Project Mai		Brett De	nnis and Blvd.		Address:	Address: 201 S 4th St. City, State, Zip: Artesia, NM			U	IV								X		DCDA
Address:				_			Anaiy	sis and	Metho	T					RCRA					
City, State, Phone:	zip: Hob	DS, INIVI C	30240		Phone:				2										State	<u> </u>
1.1	is@tasman-geo.c	om; bbastos@	atasman-geo.co	m; Iflores@tasman-	Email: *PO Pending	agroves@targaresc	ources.com	9							_			им со	UT AZ	ТХ
Email: geo.co	m; nmdata@tasr	man-geo.com			FOrending			DRC		021		10	300.0		Σ		¥		UT AZ	1X
Report due	The Manual Control						Litate	88	15	by 8		s 60	de 3		2		l o	×		و لل
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	TPH GRO/DRO/ORO	by 8015	BTEX by 8021	ЬН	Metals 6010	Chloride 300.0		верос		GDOC		Remarks	
11:00	05.06.24	S	1		FL-21		1	13	х	х	Х		х							277
11:05	05.06.24	S	1		FL-22		2		х	х	Х		х							
11:10	05.06.24	S	1		FL-23		3		х	х	Х		Х							
11:15	05.06.24	S	1		FL-24		4		х	х	Х		Х							
11:20	05.06.24	S	1		FL-25		5		х	х	Х		Х							
11:25	05.06.24	S	1		FL-26		6		х	х	Х		Х							
11:30	05.06.24	S	1		FL-27		7		х	х	Х		х							
11:35	05.06.24	S	1		FL-28		8		х	х	Х		Х							
11:40	05.06.24	S	1		FL-29		9		х	х	Х		Х							
11:45	05.06.24	S	1		FL-30		to		х	х	Х		Х							
Additional	Instruction	is:	-1.	-						•										
I, (field sampler date or time of	), attest to the	validity and	l authenticity	of this sample. I am awa	are that tampering w	ith or intentionally Bislabe	elling the sample local	ation,	>									ceived on ice the day to on subsequent da		led or received
Relimuished D	by: leign/ture	Fr	05.07	7.24 Time		py: (Signature) relie Gonzale	S Date	14 1	ime	320	ì	Rece	eived (	on ice:		ab U	se On	ly		
Relinguished	by: (Signature	ngale	s Date	7-24 Time	S Received to	(Signature)	5 · 7 · 2	. <b>y</b> Ti	ime 18	05	5	T1			T2			<u>T3</u>		
Relinglished	by: (Signature	e)	Date		Received to	by: (Signature)	Date 5-8-2	74 (	ime	500	5	AVG	Tem	°c_4	1					
Sample Matrix:	<b>S</b> - Soil, <b>Sd</b> - Sc	olid, Sg - Slud		1101		1	Containe									SS, V -	VOA			
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Trote. Jample	a are discarde	La So days										Josed		c chent e	Apens	. 11	ic repu	it for the analysi	3 Of the au	54.0

oject iiilo	rmation					Chain	of Custody											Page 4	_ of _•
lient:	Targ	a Resour	ces			Bill To			SER	La	b Us	e On	ly			TA	ΛT.	EPA P	rogram
roject: 71	Targ 38_Red_F	tills_2.	. Amine	-Spill	Atten			Lab	WQ#			Job 1	Numbe	r	1D 2	D 3D	Standard	CWA	SDWA
roject Mar	nager: E	Brett Den	nis		Addre			E	₩0# 40*	510			02-9				Х		
ddress:		V. Marlar				State, Zip: Artesia, NM						Analy	sis and	Metho	d				RCRA
ity, State,		os, NM 88	3240		Phone				0										
25-660-73		#100 000	. 1220		Email		rces.com		1/0R						-		NINAL CO.	State	TVI
		.com; bbast	os@tasman-	eo.com; Iflores@ta	*PO P	Pending*			'DRC	021		10	300.0		ΣZ	ĭ	NM CO	UT AZ	17
eport due	Dy.		No. of				Lab	1	PH GRO/DRO/ORO y 8015	by 8		als 60	ride		8	l g	×		
me Sampled	Date Sampled	Matrix	Containers	Sample ID		1,111	Number		ТРН GF by 801	BTEX by 8021	PH	Metals 6010	Chloride 300.0		верос	ОООО		Remarks	
11:50	05.06.24	S	1			FL-31	l (		х	Х	Х		Х						
11:55	05.06.24	S	1			FL-32	12		х	X	X		х						
12:00	05.06.24	S	1			F-33	13		х	х	Х		х						
12:05	05.06.24	S	1			FL-34	14		Х	Х	Х		х						
12:10	05.06.24	S	1			FL-35	15		Х	х	Х		х						
12:15	05.06.24	S	1		16		Х	Х	Х		х								
12:20	05.06.24	S	1		17		Х	Х	Х		х								
12:25	05.06.24	S	1			FL-38	18		Х	Х	х		х						
12:30	05.06.24	S	1			FL-39	19		Х	Х	х		х						
12:35	05.06.24	S	1			FL-40	20		Х	Х	Х		х						
dditional	Instructions	s:																	
(field sampler	, attest to the va	alidity and a	uthenticity of	this sample. I am awar	re that tamp	pering with or intentionally mislabelling to Sampled by:	the sample location	in,	200			1000 CO 1000 CO					ceived on ice the day		oled or
etings/shed t	y: (Signame)	1/2	05.07			Received by: (Signature) Wichelle Gonzale				329	ı	Rece	eived o	n ice:	Lab (Y)/	Use On	ly		
e inequished b	ov: (Signature)	0	Date	Time		Received by: (Signature)	Date 5.7.1		Time	305		T1	.ivcu o	i ice.	T2		<u>T3</u>		
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4.11	•			1 09		1-00/1000	0 0 2	7				AVO			er glass	Marie Wales			



envirotech

envirotech Inc.

Printed: 5/9/2024 1:49:13PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Targa	Date Received:	05/08/24 (	05:00		Work Order ID:	E405108
Phone:	(432) 999-8675	Date Logged In:	05/07/24 1	17:39		Logged In By:	Alexa Michaels
Email:	bdennis@tasman-geo.com	Due Date:	05/14/24	17:00 (4 day TAT)		26 7	
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC)  The sample ID match the COC?  The number of samples per sampling site location man amples dropped off by client or carrier?  The COC complete, i.e., signatures, dates/times, request a samples received within holding time?  Note: Analysis, such as pH which should be conducted in i.e., 15 minute hold time, are not included in this disucssi	sted analyses?	Yes Yes Yes Yes Yes	Carrier: <u>C</u>	<u>Courier</u>	<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)				D : 4712	0 <b>D</b> 1 H	2 4 ' C '11
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		_		s_2_Amine_Spill
8. If yes, v	Cooler Cooler received?  Was cooler received in good condition?  Example(s) received intact, i.e., not broken?		Yes Yes Yes			due to high follows:E40	sample volume. 5107, 405108,
10. Were	custody/security seals present?		No		<del>1</del> 03109, <del>1</del> 0.	5110, 40511	1,
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C.  Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	, 1	·	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Sa D	oel_ field sample labels filled out with the minimum info ample ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes Yes				
Sample P	reservation		103				
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
	act Laboratory umples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and i	•	NA	Subcontract Lab	o: NA		
Client In	struction						

Date

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

Report to:
Brett Dennis







5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

#### Targa

Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill

Work Order: E405108

Job Number: 21102-0001

Received: 5/8/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/15/24

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

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

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

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

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

Date Reported: 5/15/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 7138 Red Hills 2 Amine Spill

Workorder: E405108

Date Received: 5/8/2024 5:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2024 5:00:00AM, under the Project Name: 7138 Red Hills 2 Amine Spill.

The analytical test results summarized in this report with the Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

een: //3 20/ 1/02

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

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Client Representative Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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#### Sample Summary

Γ	Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
l	12600 WCR 91	Project Number:	21102-0001	Keporteu.
l	Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 13:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL-21	E405108-01A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-22	E405108-02A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-23	E405108-03A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-24	E405108-04A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-25	E405108-05A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-26	E405108-06A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-27	E405108-07A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-28	E405108-08A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-29	E405108-09A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-30	E405108-10A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-31	E405108-11A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-32	E405108-12A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-33	E405108-13A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-34	E405108-14A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-35	E405108-15A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-36	E405108-16A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-37	E405108-17A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-38	E405108-18A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-39	E405108-19A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-40	E405108-20A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-21 E405108-01

		E405108-01					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		97.7 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	WF		Batch: 2420051
pH @25°C	8.07			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		97.7 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419186
Diesel Range Organics (C10-C28)	31.8	25.0		1	05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/13/24	
Surrogate: n-Nonane		88.2 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2420024
Chloride	47.6	20.0		1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-22 E405108-02

	E403106-02					
	Reporting					
Result	Limit	Dil	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0500		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
	101 %	70-130		05/08/24	05/13/24	
	99.8 %	70-130		05/08/24	05/13/24	
	97.6 %	70-130		05/08/24	05/13/24	
pH Units	pH Units		Analyst	: WF		Batch: 2420051
8.56			1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	20.0		1	05/08/24	05/13/24	
	101 %	70-130		05/08/24	05/13/24	
	99.8 %	70-130		05/08/24	05/13/24	
	97.6 %	70-130		05/08/24	05/13/24	
mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
39.5	25.0		1	05/10/24	05/13/24	
ND	50.0		1	05/10/24	05/13/24	
	86.8 %	50-200		05/10/24	05/13/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
35.5	20.0		1	05/13/24	05/13/24	<u> </u>
· · · · · · · · · · · · · · · · · · ·	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND  mg/kg 39.5 ND	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           I01 %         99.8 %           97.6 %         97.6 %           mg/kg         mg/kg           ND         20.0           101 %         99.8 %           97.6 %         97.6 %           mg/kg         mg/kg           39.5         25.0           ND         50.0           86.8 %         mg/kg           mg/kg         mg/kg	Reporting           Mesult         Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           I01 %         70-130           99.8 %         70-130           97.6 %         70-130           pH Units         pH Units           8.56         mg/kg           mg/kg         mg/kg           ND         20.0           101 %         70-130           99.8 %         70-130           97.6 %         70-130           mg/kg         mg/kg           mg/kg         mg/kg           mg/kg         mg/kg           mg/kg         50-200           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           PH Units         70-130         99.8 %           97.6 %         70-130         70-130           pH Units         Mg/kg         Analyst           ND         20.0         1           101 %         70-130         70-130           99.8 %         70-130         70-130           97.6 %         70-130         70-130           mg/kg         mg/kg         Analyst           39.5         25.0         1           ND         50.0         1           86.8 %         50-200           mg/kg         Mg/kg	Reporting Limit         Dilution         Prepared           mg/kg         MD         Dilution         Prepared           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           99.8 %         70-130         05/08/24           99.8 %         70-130         05/08/24           97.6 %         70-130         05/08/24           MD         20.0         1         05/08/24           MD         20.0         1         05/08/24           99.8 %         70-130         05/08/24           99.8 %         70-130         05/08/24           99.8 %         70-130         05/08/24           97.6 %         70-130         05/08/24           97.6 %         70-130         05/08/24           mg/kg         mg/kg         Analyst: K	Reporting         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           99.8 %         70-130         05/08/24         05/13/24           99.8 %         70-130         05/08/24         05/13/24           pH Units         pH Units         Analyst: WF           8.56         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24         05/13/24           99.8 %         70-130         05/08/24         05/13/24



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-23 E405108-03

		E403106-03					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		96.3 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	8.18			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		96.3 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	38.4	25.0		1	05/10/24	05/13/24	
Oil Range Organics (C28-C36)	53.9	50.0		1	05/10/24	05/13/24	
Surrogate: n-Nonane		89.6 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	36.7	20.0		1	05/13/24	05/13/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-24 E405108-04

		E405108-04					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.1 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
pH @25°C	8.33			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.1 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	25.3	25.0		1	05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/13/24	
Surrogate: n-Nonane		91.2 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	38.1	20.0		1	05/13/24	05/13/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
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#### FL-25 E405108-05

		E403100-03					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.2 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°С	7.89			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.2 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	36.9	25.0		1	05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/13/24	
Surrogate: n-Nonane		87.4 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	23.8	20.0		1	05/13/24	05/13/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-26 E405108-06

		E405108-00					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
pH @25°C	7.89			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/13/24	
Surrogate: n-Nonane		86.3 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	31.0	20.0	•	1	05/13/24	05/14/24	_

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-27 E405108-07

		E405108-07					
Austra	D16	Reporting Limit	ъ.	14:	D 1	A a harman 1	Natar
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		98.1 %	70-130		05/08/24	05/12/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	8.03			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/12/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		05/08/24	05/12/24	
Surrogate: Toluene-d8		98.1 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0	•	1	05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/13/24	
Surrogate: n-Nonane		89.9 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	40.8	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-28 E405108-08

		E405108-08					
Analysis	D16	Reporting Limit		-#:	D 1	A a h	Notes
Analyte	Result	Limit	Dill	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		96.5 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	WF		Batch: 2420051
рН @25°C	8.02			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		96.5 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		90.1 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2420024
Chloride	27.6	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-29 E405108-09

		E405108-09					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.2 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
pH @25°C	8.98			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.4 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.2 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		95.5 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	32.9	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-30 E405108-10

		E405108-10					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.6 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	8.05			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.6 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		92.7 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	ND	20.0		1	05/13/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	92.7 % mg/kg		Analyst	05/10/24 : DT	05/14/24	Batch: 2420024

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-31 E405108-11

		E405106-11					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	·	1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.8 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.6 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	WF		Batch: 2420051
рН @25°C	8.34			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.8 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.6 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		90.2 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2420024
	28.2	20.0				05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-32 E405108-12

	E405108-12					
	Reporting					
Result	Limit	Dil	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0500		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
	99.8 %	70-130		05/08/24	05/13/24	
	102 %	70-130		05/08/24	05/13/24	
	98.0 %	70-130		05/08/24	05/13/24	
pH Units	pH Units		Analyst	: WF		Batch: 2420051
8.37			1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	20.0		1	05/08/24	05/13/24	
	99.8 %	70-130		05/08/24	05/13/24	
	102 %	70-130		05/08/24	05/13/24	
	98.0 %	70-130		05/08/24	05/13/24	
mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
ND	25.0		1	05/10/24	05/14/24	
ND	50.0		1	05/10/24	05/14/24	
	90.4 %	50-200		05/10/24	05/14/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
30.1	20.0		1	05/13/24	05/14/24	
	mg/kg ND	Result       Reporting Limit         mg/kg       mg/kg         ND       0.0250         ND       0.0250         ND       0.0250         ND       0.0500         ND       0.0250         PM       0.0250         99.8 %       102 %         98.0 %       98.0 %         PH Units       pH Units         8.37       mg/kg       mg/kg         ND       20.0         99.8 %       102 %       98.0 %         mg/kg       mg/kg       Mg/kg         ND       25.0       ND         ND       50.0       90.4 %         mg/kg       mg/kg       mg/kg	Reporting           Limit         Dit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           99.8 %         70-130           102 %         70-130           98.0 %         70-130           pH Units         pH Units           8.37         mg/kg           mg/kg         mg/kg           ND         20.0           99.8 %         70-130           98.0 %         70-130           98.0 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           90.4 %         50-200           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           PM         70-130         1           99.8 %         70-130         70-130           98.0 %         70-130         1           mg/kg         mg/kg         Analyst           ND         20.0         1           99.8 %         70-130         1           98.0 %         70-130         1           mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           90.4 %         50-200           mg/kg         Mg/kg         Analyst	Reporting           Result         Limit         Dilution         Prepared           mg/kg         Analyst: BA           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           102 %         70-130         05/08/24           98.0 %         70-130         05/08/24           98.0 %         70-130         05/08/24           MD         20.0         1         05/08/24           102 %         70-130         05/08/24           102 %         70-130         05/08/24           102 %         70-130         05/08/24           98.0 %         70-130         05/08/24           98.0 %         70-130         05/08/24           98.0 %         70-130         05/08/24	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           102 %         70-130         05/08/24         05/13/24           98.0 %         70-130         05/08/24         05/13/24           MD         20.0         1         05/08/24         05/13/24           MD         20.0         1         05/08/24         05/13/24           MD         20.0         1         05/08/24         05/13/24           MD

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-33 E405108-13

		E-103100-13					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.9 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	7.94			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.9 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	143	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	81.6	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		93.8 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	31.0	20.0		1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-34 E405108-14

		E405108-14					
	D 1	Reporting		.•	D 1		27.
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: E	BA		Batch: 2419120
Benzene	ND	0.0250	1	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	1	05/08/24	05/13/24	
Toluene	ND	0.0250	1	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	I	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		98.0 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst: V	VF		Batch: 2420051
рН @25°C	7.83		1	1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: E	BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		98.0 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	CM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0	1	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/10/24	05/14/24	
Surrogate: n-Nonane		91.5 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: Γ	)T		Batch: 2420024
Chloride	21.1	20.0	1	1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-35 E405108-15

	E403106-13					
	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0500		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
	100 %	70-130		05/08/24	05/13/24	
	102 %	70-130		05/08/24	05/13/24	
	97.5 %	70-130		05/08/24	05/13/24	
pH Units	pH Units		Analyst	: WF		Batch: 2420051
7.99			1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	20.0		1	05/08/24	05/13/24	
	100 %	70-130		05/08/24	05/13/24	
	102 %	70-130		05/08/24	05/13/24	
	97.5 %	70-130		05/08/24	05/13/24	
mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
29.6	25.0		1	05/10/24	05/14/24	
ND	50.0		1	05/10/24	05/14/24	
	91.5 %	50-200		05/10/24	05/14/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
35.7	20.0		1	05/13/24	05/14/24	
	mg/kg ND	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IOO %         102 %           97.5 %         9H Units           PH Units         pH Units           7.99         mg/kg           MD         20.0           100 %         102 %           97.5 %         97.5 %           mg/kg         mg/kg           29.6         25.0           ND         50.0           91.5 %         mg/kg           mg/kg         mg/kg	Reporting Limit         Dil	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           102 %         70-130         70-130           97.5 %         70-130         1           mg/kg         mg/kg         Analyst           ND         20.0         1           100 %         70-130         70-130           97.5 %         70-130         70-130           97.5 %         70-130         70-130           mg/kg         mg/kg         Analyst           29.6         25.0         1           ND         50.0         1           97.5 %         50-200           mg/kg         Mg/kg         Analyst	Reporting Limit         Dilution         Prepared           mg/kg         Analyst: BA           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         70-130         05/08/24           97.5 %         70-130         05/08/24           pH Units         PH Units         Analyst: WF           7.99         1         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24           100 %         70-130         05/08/24           102 %         70-130         05/08/24           97.5 %         70-130         05/08/24           mg/kg         mg/kg         Analyst: KM           29.6         25.0 </td <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           100 %         70-130         05/08/24         05/13/24           97.5 %         70-130         05/08/24         05/13/24           pH Units         Analyst: BA           ND         20.0         1         05/08/24         05/13/24           ng/kg         mg/kg         Analyst: BA           100 %         70-130         05/08/24         05/13/24           <t< td=""></t<></td>	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           100 %         70-130         05/08/24         05/13/24           97.5 %         70-130         05/08/24         05/13/24           pH Units         Analyst: BA           ND         20.0         1         05/08/24         05/13/24           ng/kg         mg/kg         Analyst: BA           100 %         70-130         05/08/24         05/13/24 <t< td=""></t<>

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-36 E405108-16

		E403100-10					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.4 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	7.91			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.4 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		91.8 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	36.9	20.0		1	05/13/24	05/14/24	_

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-37 E405108-17

		E403100-17					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		98.7 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	: WF		Batch: 2420051
pH @25°C	7.96			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		98.7 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.5 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		92.8 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	27.5	20.0		1	05/13/24	05/14/24	
Anions by EPA 300.0/9056A		mg/kg				05/14/24	Batch: 2420

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-38 E405108-18

		E403100-10					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		98.3 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420051
рН @25°C	8.22			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		100 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		98.3 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		94.9 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
Chloride	31.4	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-39 E405108-19

	E403100-19					
	Reporting					
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
ND	0.0500		1	05/08/24	05/13/24	
ND	0.0250		1	05/08/24	05/13/24	
	98.9 %	70-130		05/08/24	05/13/24	
	102 %	70-130		05/08/24	05/13/24	
	97.5 %	70-130		05/08/24	05/13/24	
pH Units	pH Units		Analyst	: WF		Batch: 2420051
8.40			1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst	: BA		Batch: 2419120
ND	20.0		1	05/08/24	05/13/24	
	98.9 %	70-130		05/08/24	05/13/24	
	102 %	70-130		05/08/24	05/13/24	
	97.5 %	70-130		05/08/24	05/13/24	
mg/kg	mg/kg		Analyst	: KM		Batch: 2419186
ND	25.0		1	05/10/24	05/14/24	
ND	50.0		1	05/10/24	05/14/24	
	94.7 %	50-200		05/10/24	05/14/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2420024
41.3	20.0	•	1	05/13/24	05/14/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND Mg/kg ND Mg/kg	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           PM         102 %           97.5 %         9H Units           PH Units         pH Units           8.40         mg/kg           MD         20.0           98.9 %         102 %           97.5 %         97.5 %           mg/kg         mg/kg           ND         25.0           ND         50.0           94.7 %         mg/kg           mg/kg         mg/kg	Reporting           Limit         Dil           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0500           ND         0.0250           98.9 %         70-130           97.5 %         70-130           pH Units         pH Units           8.40         mg/kg           mg/kg         mg/kg           ND         20.0           98.9 %         70-130           97.5 %         70-130           97.5 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           94.7 %         50-200           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           PM         70-130         1           98.9 %         70-130         70-130           PH Units         PH Units         Analyst           ND         20.0         1           98.9 %         70-130         70-130           102 %         70-130         70-130           97.5 %         70-130         70-130           97.5 %         70-130         70-130           102 %         70-130         70-130           97.5 %         70-130         70-130           102 %         70-130         70-130           102 %         70-130         70-130           102 %         70-130         70-130           102 %         70-130         70-130           103 %         70-130	Reporting Limit         Dilution         Prepared           mg/kg         Analyst: BA           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         70-130         05/08/24           98.9 %         70-130         05/08/24           97.5 %         70-130         05/08/24           ND         20.0         1         05/08/24           102 %         70-130         05/08/24           98.9 %         70-130         05/08/24           102 %         70-130         05/08/24           97.5 %         70-130         05/08/24           97.5 %         70-130         05/08/24           97.5 %         70-130         05/08/24           ND         25.0	Reporting         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           ND         0.0500         1         05/08/24         05/13/24           ND         0.0250         1         05/08/24         05/13/24           102 %         70-130         05/08/24         05/13/24           97.5 %         70-130         05/08/24         05/13/24           MpH Units         Analyst: BA           ND         20.0         1         05/08/24         05/13/24           Mp/kg         mg/kg         Analyst: BA           ND         25.0         1         05/08/24         05/13/24

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

#### FL-40 E405108-20

		E405108-20					
Analysis	Result	Reporting Limit		-4:	D 1	A a h	Notes
Analyte	Resuit	Limit	Dill	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
Benzene	ND	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	ND	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.8 %	70-130		05/08/24	05/13/24	
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	WF		Batch: 2420051
pH @25°C	8.35			1	05/14/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2419120
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130		05/08/24	05/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		05/08/24	05/13/24	
Surrogate: Toluene-d8		97.8 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419186
Diesel Range Organics (C10-C28)	55.9	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		92.2 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2420024
Chloride	36.5	20.0		1	05/13/24	05/14/24	

**QC Summary Data** 7138 Red Hills 2 Amine Spill Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 5/15/2024 1:25:17PM Volatile Organic Compounds by EPA 8260B Analyst: BA Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2419120-BLK1) Prepared: 05/08/24 Analyzed: 05/12/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND 0.0250 o-Xylene ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.496 0.500 99.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.503 0.500 101 70-130 0.500 97.1 70-130 Surrogate: Toluene-d8 0.486 LCS (2419120-BS1) Prepared: 05/08/24 Analyzed: 05/12/24 2.80 0.0250 2.50 112 70-130 Benzene 70-130 2.68 2.50 107 0.0250 Ethylbenzene Toluene 2.59 0.0250 2.50 104 70-130 2.66 2.50 106 70-130 0.0250 o-Xylene 103 5.14 5.00 70-130 p,m-Xylene 0.0500 7.79 0.0250 7.50 104 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.495 0.500 98.9 70-130 0.496 0.500 99.1 70-130 Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 0.500 70-130 0.493

<b>Matrix Spike (2419120-MS1)</b>				Source:	E405108-	07	Prepared: 05/08/24 Analyzed: 05/12/24
Benzene	2.82	0.0250	2.50	ND	113	48-131	
Ethylbenzene	2.70	0.0250	2.50	ND	108	45-135	
Toluene	2.62	0.0250	2.50	ND	105	48-130	
o-Xylene	2.66	0.0250	2.50	ND	107	43-135	
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135	
Total Xylenes	7.85	0.0250	7.50	ND	105	43-135	
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130	
Surrogate: Toluene-d8	0.493		0.500		98.6	70-130	

			Source:	E405108-	07	Prepared: 05	5/08/24 Analyzed: 05/12/24
2.78	0.0250	2.50	ND	111	48-131	1.41	23
2.69	0.0250	2.50	ND	108	45-135	0.352	27
2.58	0.0250	2.50	ND	103	48-130	1.38	24
2.68	0.0250	2.50	ND	107	43-135	0.673	27
5.20	0.0500	5.00	ND	104	43-135	0.318	27
7.88	0.0250	7.50	ND	105	43-135	0.439	27
0.498		0.500		99.6	70-130		
0.503		0.500		101	70-130		
0.490		0.500		97.9	70-130		
	2.69 2.58 2.68 5.20 7.88 0.498 0.503	2.69 0.0250 2.58 0.0250 2.68 0.0250 5.20 0.0500 7.88 0.0250 0.498 0.503	2.69     0.0250     2.50       2.58     0.0250     2.50       2.68     0.0250     2.50       5.20     0.0500     5.00       7.88     0.0250     7.50       0.498     0.500       0.503     0.500	2.78         0.0250         2.50         ND           2.69         0.0250         2.50         ND           2.58         0.0250         2.50         ND           2.68         0.0250         2.50         ND           5.20         0.0500         5.00         ND           7.88         0.0250         7.50         ND           0.498         0.500           0.503         0.500	2.78         0.0250         2.50         ND         111           2.69         0.0250         2.50         ND         108           2.58         0.0250         2.50         ND         103           2.68         0.0250         2.50         ND         107           5.20         0.0500         5.00         ND         104           7.88         0.0250         7.50         ND         105           0.498         0.500         99.6           0.503         0.500         101	2.69         0.0250         2.50         ND         108         45-135           2.58         0.0250         2.50         ND         103         48-130           2.68         0.0250         2.50         ND         107         43-135           5.20         0.0500         5.00         ND         104         43-135           7.88         0.0250         7.50         ND         105         43-135           0.498         0.500         99.6         70-130           0.503         0.500         101         70-130	2.78         0.0250         2.50         ND         111         48-131         1.41           2.69         0.0250         2.50         ND         108         45-135         0.352           2.58         0.0250         2.50         ND         103         48-130         1.38           2.68         0.0250         2.50         ND         107         43-135         0.673           5.20         0.0500         5.00         ND         104         43-135         0.318           7.88         0.0250         7.50         ND         105         43-135         0.439           0.498         0.500         99.6         70-130           0.503         0.500         101         70-130

### **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:	7138_Red_Hills_2_Amine_Spill 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

	Wet	Chemistry	by EPA	.9045D
--	-----	-----------	--------	--------

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	Notes

LCS (2420051-BS1)				Prepared:	05/14/24 Analyzed: 05/14/2	24
pН	7.95	8.00	99.4	98.75-101.25		
<b>Duplicate (2420051-DUP1)</b>		:	Source: E405108	-05 Prepared:	05/14/24 Analyzed: 05/14/2	24
рН	7.88		7.89	0.0761	20	



#### **QC Summary Data**

 Targa
 Project Name:
 7138\_Red\_Hills\_2\_Amine\_Spill
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 5/15/2024
 1:25:17PM

A 1			$\mathbf{r}$
Ana	IVS	t:	В.

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

	recourt				1100				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419120-BLK1)							Prepared: 0:	5/08/24 An	alyzed: 05/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			
LCS (2419120-BS2)							Prepared: 0:	5/08/24 An	alyzed: 05/12/24
Gasoline Range Organics (C6-C10)	56.6	20.0	50.0		113	70-130	·	·	·
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			
Matrix Spike (2419120-MS2)				Source:	E405108-	07	Prepared: 0:	5/08/24 An	alyzed: 05/12/24
Gasoline Range Organics (C6-C10)	55.5	20.0	50.0	ND	111	70-130			
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			
Matrix Spike Dup (2419120-MSD2)				Source:	E405108-	07	Prepared: 0:	5/08/24 An	alyzed: 05/12/24
Gasoline Range Organics (C6-C10)	55.9	20.0	50.0	ND	112	70-130	0.761	20	
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.8	70-130			



### **QC Summary Data**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 1:25:17PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis				5.	/15/2024 1:25:17PM
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
									11003
Blank (2419186-BLK1)							Prepared: 0	5/10/24 Ana	alyzed: 05/13/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.2		50.0		94.4	50-200			
LCS (2419186-BS1)							Prepared: 0	5/10/24 Ana	alyzed: 05/13/24
Diesel Range Organics (C10-C28)	233	25.0	250		93.1	38-132			
Surrogate: n-Nonane	46.4		50.0		92.8	50-200			
LCS Dup (2419186-BSD1)							Prepared: 0	5/10/24 Ana	alyzed: 05/13/24
Diesel Range Organics (C10-C28)	235	25.0	250		94.0	38-132	0.984	20	-
Surrogate: n-Nonane	46.5		50.0		93.1	50-200			

Chloride

#### **QC Summary Data**

Targa 12600 WCR 91 Midland TX, 79707		Project Name: 7138_Red_Hills_2_Amine_Spill Project Number: 21102-0001 Project Manager: Brett Dennis					<b>Reported:</b> 5/15/2024 1:25:17PM				
Anions by EPA 300.0/9056A									Analyst: DT		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2420024-BLK1)							Prepared: 0	5/13/24 An	alyzed: 05/13/24		
Chloride	ND	20.0									
LCS (2420024-BS1)							Prepared: 0	5/13/24 An	alyzed: 05/13/24		
Chloride	252	20.0	250		101	90-110					
LCS Dup (2420024-BSD1)							Prepared: 0	5/13/24 An	alyzed: 05/13/24		

250

20.0

100

90-110

0.176

20

251

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 13:25

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client:	Tar	ga Resou	irces		5.	Bill To		in the		Lal	b Us	e On	lv				T/	AT	EPA P	rogram
Project: 71	38_Red_	Hills_2	2- Amin	e-Spill	Attention:	<b>Amber Groves</b>		Lab W	0#_		$\sim$	Job N	Numb			2D	3D	Standard	CWA	SDWA
Project Ma		Brett De			Address:	201 S 4th St.		E 4(	25	10				0001				Х		
Address:			ind Blvd.			p: Artesia, NM			_			Analy	sis an	Metho	d	_	1		le mi	RCRA
City, State, Phone:	Zip: Hob	bs, NIVI 8	88240		Phone:			l o					- 1						State	1 5
bulens	is@tasman-geo.c	om; bbastos@	tasman-geo.co	m; Iflores@tasman-	Email: *PO Pending	agroves@targares *	ources.com	90/0					0		5			им со		Тх
Report due	m; nmdata@tasr bv:	nan-geo.com			TOTEMAN	- 76		TPH GRO/DRO/ORO		8021		010	Chloride 300.0		ΣZ		¥	×	OI AZ	17
	Date		No. of	c 1 15		14	Lab	SR S	015	à		Metals 6010	ride		верос		2			
Time Sampled	Sampled	Matrix	Containers	Sample ID			Number	TPH	by 8015	втех	ЬН	Met	Chlo		198		GDOC		Remarks	· · · · · · · · · · · · · · · · · · ·
11:00	05.06.24	S	1		FL-21		1		x	х	х		Х							
11:05	05.06.24	S	1		FL-22		2		х	х	х		Х							
11:10	05.06.24	S	1		FL-23		3		х	х	Х		Х							
11:15	05.06.24	S	1		FL-24		4		х	х	Х		Х							
11:20	05.06.24	S	1		FL-25		5		х	х	х		Х							
11:25	05.06.24	S	1		FL-26		6		х	х	х		Х							
11:30	05.06.24	S	1		FL-27		7		x	х	х		х							
11:35	05.06.24	S	1		FL-28		8		х	х	Х		Х							
11:40	05.06.24	S	1		FL-29		9		х	х	Х		Х							
11:45	05.06.24	S	1		FL-30		to		х	х	х		Х							
Additional				-																
I, (field sample	r), attest to the	validity and	authenticity	of this sample. I am aw	are that tampering w	ith or intentionally pislate	pelling the sample loc	ation,	3									ceived on ice the day 6 °C on subsequent d		led or received
	by: leign/ture		05.07	24 Time		oy: (Signature)		Ti	me	29		Rece	ived	on ice:		ab U	se Or	nly		
Relingyshed	by Signature	ngale	p Date 5.	7-24 18		(Signature)	Date 5 · 7 · 2			05		T1			T2			T3		
Relinglished	by: (Signature	5)	Date	7.24 ZG	Received b	by: (Signature)	Date 5-8-2	Ti	me	OC		AVG	Temi	°c_ (	1					
Sample Matrix	<b>S</b> - Soil, <b>Sd</b> - So	olid, <b>Sg</b> - Slud				1,000	Containe	4								iss, v	- VOA			
Note: Sample	s are discarde	ed 30 days	after results	are reported unless	[21] [20] 상대 - [전 4일 사용기를 [2] [2] (2) [2] [2]	s are made. Hazardou	us samples will be r	eturned t	to cli	ent or	r disp	osed o	of at th						is of the ab	ove
samples is ap	plicable only	to those sa	mples recei	ved by the laboratory	with this COC. The	liability of the laborat	ory is limited to the	e amount	paid	for o	n the	repoi	rt.							ove

roject Infor	mation				Cha	in of Custody											Page 4	_ of
Client: Targa Resources Project: 7138_Red_Hills_2_Amine-Spill					Bill To			Lab Use Only					TAT			EPA Program		
Project: 7138_Red_Hills_2_Amine_Spill Project Manager: Brett Dennis				-Spill	Attention: Amber Groves Address: 201 S 4th St.		Lab W	8#	109	3 10	b Num	ber MI	1D	2D 3	BD St	tandard X	CWA	SDWA
Address: 2620 W. Marland Blvd.					City, State, Zip: Artesia, NM			Lab W0# Job 21 Anal				nalysis and Method					RCRA	
ity, State, 2		s, NM 88	3240		Phone:				T									
325-660-7395 Email: bdennis@tasman-geo.com; bbastos@tasman-geo.com; lflores@ta					Email: agroves@targaresources.com						180		_			NA AL CO	State	TVI
maii: bdenn eport due		.com; bbast	os@tasman-	geo.com; Iflores@ta	*PO Pending*		/DRC		3021	010	300.0		ΣZ		ĭ	NM CO	UI AZ	TX
	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/ORO	by 8015	BTEX by 8021	Motals 6010	Chloride 300.0		верос		gDOC	×	Remarks	
11:50	05.06.24	S	1		FL-31	Į (	1	1000	x )		Х							
11:55	05.06.24	S	1		FL-32	12		<b>x</b>	x )	(	х							
12:00	05.06.24	S	1		F-33	13		<b>x</b>	x >	(	х							
12:05	05.06.24	S	1		FL-34	14		X :	x )	(	х							
12:10	05.06.24	S	1		FL-35	15		<b>X</b>	x )	(	х							
12:15	05.06.24	S	1		FL-36	16		<b>X</b>	x >	(	х							
12:20	05.06.24	S	1		FL-37	17		X :	x )	(	Х							
12:25	05.06.24	S	1		FL-38	18		X :	x >	(	х							
12:30	05.06.24	S	1		FL-39	19		X :	x x	(	х							
12:35	05.06.24	S	1	FL-40		20		X :	x >	(	х							
dditional l	nstructions	<b>:</b> :																
(field sampler)	, attest to the va	alidity and a	thenticity of	this sample. I am awar	e that tampering with or intentionally mislabelli i. <u>Sampled by:</u>	ing the sample location	1570	s		1						d on ice the day nan 6 °C on subs		pled or
tinguished b		fy	05.07					Te 3	29	Re	eceived	on ice:		b Use	Only			
e wished b	v: (Signature)	gales	Date S	7-24 Time	Received by: (Signature)	Date 5.7.1	Tir	me /ga		T:			T2			<u>T3</u>		
elingushed b	y: (Signature)		Date	7.24 Time	Received by: (Signature)	Date 5-8-2	4 0	me	00	A	VG Ten	np °C	4					
male Matrix:	S - Soil, <b>Sd</b> - Soli	d, <b>Sg</b> - Sludge	e, <b>A</b> - Aqueou		11	Containe				- Special			ber glas	ss, v - \	/OA			



envirotech

envirotech Inc.

Printed: 5/9/2024 1:49:13PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Targa	Date Received:	05/08/24 (	)5:00	Work Ord	der ID:	E405108
Phone:	(432) 999-8675	Date Logged In:	05/07/24 1	17:39	Logged I	n By:	Alexa Michaels
Email:	bdennis@tasman-geo.com	Due Date:	05/14/24	17:00 (4 day TAT)		,	
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC)  The sample ID match the COC?  The number of samples per sampling site location man amples dropped off by client or carrier?  The COC complete, i.e., signatures, dates/times, reque all samples received within holding time?  The Note: Analysis, such as pH which should be conducted in i.e., 15 minute hold time, are not included in this disucssi	sted analyses?	Yes Yes Yes Yes Yes	Carrier: <u>C</u>		ommen	<u>ts/Resolution</u>
Sample T	urn Around Time (TAT)				D : 47120 D 1	T T ' 11	2 4 : 6 :11
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project 7138_Red	_	
8. If yes, v	Cooler Cooler received?  Was cooler received in good condition?  Example(s) received intact, i.e., not broken?		Yes Yes Yes		has been separated workorders due to WO are as follow 405109, 405110, 4	high s:E40	sample volume. 05107, 405108,
10. Were	custody/security seals present?		No		403109, 403110,	<del>1</del> 0511	11,
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C.  Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C				
Sample C	, 1		_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Sa D	oel_ field sample labels filled out with the minimum info ample ID? ate/Time Collected? ollectors name?	ormation:	Yes Yes Yes				
Sample P	reservation		105				
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	imple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
	act Laboratory umples required to get sent to a subcontract laborato	.m.;?)	No				
	subcontract laboratory specified by the client and i	•	NA	Subcontract Lab	: NA		
Client In	struction						

Date

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

Report to:
Brett Dennis







5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

#### Targa

Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill

Work Order: E405109

Job Number: 21102-0001

Received: 5/8/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 5/15/24

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

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

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

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

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

Date Reported: 5/15/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill

Workorder: E405109

Date Received: 5/8/2024 5:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2024 5:00:00AM, under the Project Name: 7138 Red Hills 2 Amine Spill.

The analytical test results summarized in this report with the Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## **Sample Summary**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	Reported.
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 16:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL-41	E405109-01A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-42	E405109-02A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-43	E405109-03A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-44	E405109-04A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-45	E405109-05A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-46	E405109-06A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-47	E405109-07A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-48	E405109-08A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-49	E405109-09A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-50	E405109-10A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-51	E405109-11A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-52	E405109-12A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-53	E405109-13A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-54	E405109-14A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-55	E405109-15A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-56	E405109-16A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-57	E405109-17A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-58	E405109-18A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-59	E405109-19A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-60	E405109-20A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

## FL-41 E405109-01

		E405109-01					
Analyte	Result	Reporting Limit	Diluti	ion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	Analyst: W	VF		Batch: 2420057
рН @25°C	7.99		1		05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: B	BA		Batch: 2419125
Benzene	ND	0.0250	1		05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1		05/08/24	05/14/24	
Toluene	ND	0.0250	1		05/08/24	05/14/24	
o-Xylene	ND	0.0250	1		05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1		05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1		05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: B	BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: K	XM.		Batch: 2419187
Diesel Range Organics (C10-C28)	28.0	25.0	1		05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/10/24	05/13/24	
Surrogate: n-Nonane		112 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: Γ	Y		Batch: 2420030
Chloride	67.1	20.0	1		05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

## FL-42

		E403107-02					
Analyte	Result	Reporting Limit	Dilı	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420057
pH @25°C	7.85	_		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	_
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	ND	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	_
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		109 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2420030
Chloride	69.9	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

## FL-43

		E403107-03					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420057
pH @25°C	7.99			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	_
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	ND	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	_
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2420030
Chloride	51.7	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

## FL-44

Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420057
pH @25°С	8.40		1	1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250	1	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	l	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	37.5	25.0	1	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420030
Chloride	39.1	20.0	1	1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

## FL-45

		E403107-03					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420057
pH @25°C	7.98			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	_
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	ND	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		114 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420030
Chloride	29.5	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

E40		

Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
pH Units	pH Units	Ana	alyst: WF		Batch: 2420057
8.13		1	05/14/24	05/14/24	
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2419125
ND	0.0250	1	05/08/24	05/14/24	
ND	0.0250	1	05/08/24	05/14/24	
ND	0.0250	1	05/08/24	05/14/24	
ND	0.0250	1	05/08/24	05/14/24	
ND	0.0500	1	05/08/24	05/14/24	
ND	0.0250	1	05/08/24	05/14/24	
	95.9 %	70-130	05/08/24	05/14/24	
mg/kg	mg/kg	Ana	alyst: BA		Batch: 2419125
ND	20.0	1	05/08/24	05/14/24	
	106 %	70-130	05/08/24	05/14/24	
mg/kg	mg/kg	Ana	alyst: KM		Batch: 2419187
ND	25.0	1	05/10/24	05/14/24	
ND	50.0	1	05/10/24	05/14/24	
	114 %	50-200	05/10/24	05/14/24	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2420030
34.2	20.0	1	05/13/24	05/14/24	
	pH Units  8.13  mg/kg  ND  ND  ND  ND  ND  ND  ND  MD  MD  MD	Result         Limit           pH Units         pH Units           8.13         mg/kg           MD         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           mg/kg         mg/kg           ND         20.0           106 %         mg/kg           ND         25.0           ND         50.0           114 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           pH Units         pH Units         And           8.13         1           mg/kg         mg/kg         And           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           MD         25.9 %         70-130           mg/kg         mg/kg         And           ND         20.0         1           MD         25.0         1           ND         25.0         1           ND         50.0         1           ND         50-200	Result         Limit         Dilution         Prepared           pH Units         pH Units         Analyst: WF           8.13         1         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           mg/kg         mg/kg         Analyst: BA           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         05/10/24	Result         Limit         Dilution         Prepared         Analyzed           pH Units         pH Units         Analyst: WF           8.13         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24         05/14/24           ND         0.0500         1         05/08/24         05/14/24           ND         0.0250         1         05/08/24         05/14/24           ND         0.0250         1         05/08/24         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24         05/14/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/08/24         05/14/24           ND         25.0         1         05/10/24         05/14/24           ND         50.0         1

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

		E405109-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	st: WF		Batch: 2420057
pH @25°C	8.16		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	101	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	55.4	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2420030
Chloride	22.3	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

## FL-48

Analyte	Result	Reporting Limit	Dilut	ion	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilut	.1011	Frepared	Anaryzeu	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	Analyst:	WF		Batch: 2420057
pH @25°C	8.22		1		05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	А	Analyst:	BA		Batch: 2419125
Benzene	ND	0.0250	1		05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1		05/08/24	05/14/24	
Toluene	ND	0.0250	1		05/08/24	05/14/24	
o-Xylene	ND	0.0250	1		05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1		05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1		05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst:	BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst:	KM		Batch: 2419187
Diesel Range Organics (C10-C28)	113	25.0	1		05/10/24	05/14/24	
Oil Range Organics (C28-C36)	71.4	50.0	1		05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst:	DT		Batch: 2420030
Chloride	37.3	20.0	1		05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

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		Reporting				
Analyte	Result	Limit	Dilutio	on Prepar	ed Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	nalyst: WF		Batch: 2420057
рН @25°С	8.41	-	1	05/14/2	24 05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/2	24 05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/2	24 05/14/24	
Toluene	ND	0.0250	1	05/08/2	24 05/14/24	
o-Xylene	ND	0.0250	1	05/08/2	24 05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/2	24 05/14/24	
Total Xylenes	ND	0.0250	1	05/08/2	24 05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	05/08/	24 05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/2	24 05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	05/08/	24 05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	255	25.0	1	05/10/2	24 05/14/24	
Oil Range Organics (C28-C36)	144	50.0	1	05/10/2	24 05/14/24	
Surrogate: n-Nonane		114 %	50-200	05/10/.	24 05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: DT		Batch: 2420030
Chloride	35.6	20.0	1	05/13/2	24 05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

		E405109-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	vst: WF		Batch: 2420057
pH @25°C	7.92		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	49.0	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		113 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2420030
Chloride	30.0	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

## FL-51 E405109-11

		L403107-11				
Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	nalyst: WF		Batch: 2420057
рН @25°C	8.06		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	93.1	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2420030
Chloride	54.3	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

		E405109-12				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Aı	nalyst: WF		Batch: 2420057
pH @25°C	8.29		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	70.9	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		108 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2420030
Chloride	27.0	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

## FL-53 E405109-13

		E403107-13				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Aı	nalyst: WF		Batch: 2420057
рН @25°С	8.18		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	120	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	76.7	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		108 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2420030
Chloride	25.3	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

## FL-54

		E403107-14					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF	·	Batch: 2420057
pH @25°C	8.01			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	_
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	ND	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	_
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	55.4	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		115 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420030
Chloride	31.9	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

		E405109-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	st: WF		Batch: 2420057
pH @25°C	8.23		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	57.1	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2420030
Chloride	44.5	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

		E405109-16				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	An	alyst: WF		Batch: 2420057
рН @25°С	8.48		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	262	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2420030
Chloride	28.6	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

## FL-57 E405109-17

		E403107-17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	vst: WF		Batch: 2420057
pH @25°C	8.07	1	1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		110 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2420030
Chloride	37.7	20.0	1	05/13/24	05/14/24	

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

E405109	9-18
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		Reporting					
Analyte	Result	Limit	Diluti	ion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	Analyst: W	F		Batch: 2420057
рН @25°С	8.09	_	1		05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: BA	A		Batch: 2419125
Benzene	ND	0.0250	1		05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1		05/08/24	05/14/24	
Toluene	0.0423	0.0250	1		05/08/24	05/14/24	
o-Xylene	ND	0.0250	1		05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1		05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1		05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA	A		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	Analyst: K!	M		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0	1		05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/10/24	05/14/24	
Surrogate: n-Nonane		115 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: D	Γ		Batch: 2420030
Chloride	43.0	20.0	1		05/13/24	05/14/24	<del></del>



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

E4	0.5	110	1	4	^
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Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420057
рН @25°С	8.50			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	0.0363	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		110 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420030
Chloride	41.9	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

		E405109-20				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	An	alyst: WF		Batch: 2420057
рН @25°С	8.13		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		113 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2420030
Chloride	36.8	20.0	1	05/13/24	05/14/24	



# **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:	7138_Red_Hills_2_Amine_Spill 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

Wet Chemistry by EPA 904:	·5D
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Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	Notes

LCS (2420057-BS1)				Prepared: 0:	5/14/24 Analyzed: 05/14/24	
pН	7.92	8.00	99.0	98.75-101.25		
<b>Duplicate (2420057-DUP1)</b>			Source: E405109-	06 Prepared: 0:	5/14/24 Analyzed: 05/14/24	
pH	8.15		8.13	0.246	20	



## **QC Summary Data**

7138 Red Hills 2 Amine Spill Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 5/15/2024 4:47:04PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2419125-BLK1) Prepared: 05/08/24 Analyzed: 05/14/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.48 8.00 93.5 70-130 LCS (2419125-BS1) Prepared: 05/08/24 Analyzed: 05/14/24 3.76 75.1 70-130 5.00 Benzene 0.0250 Ethylbenzene 3.53 0.0250 5.00 70.6 70-130 3.70 0.0250 5.00 74.0 70-130 Toluene 71.9 o-Xylene 3.59 0.0250 5.00 70-130 7.27 10.0 72.7 70-130 0.0500 p.m-Xvlene 72.4 70-130 10.9 15.0 Total Xylenes 0.0250 8.00 95.3 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.62 Matrix Spike (2419125-MS1) Source: E405109-05 Prepared: 05/08/24 Analyzed: 05/14/24 5.23 0.0250 5.00 ND 54-133 Benzene ND 98.7 61-133 Ethylbenzene 4.94 0.0250 5.00 Toluene 5.17 0.0250 5.00 ND 103 61-130 ND 101 63-131 5.04 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 ND 101 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.65 8.00 Matrix Spike Dup (2419125-MSD1) Source: E405109-05 Prepared: 05/08/24 Analyzed: 05/14/24 4.56 0.0250 5.00 ND 91.3 54-133 13.7 61-133 14.7 4.26 0.0250 5.00 ND 85.2 20 Ethylbenzene 61-130 Toluene 4 48 0.0250 5.00 ND 89.7 14 2 20 4.36 5.00 ND 87.2 63-131 14.6 20 o-Xylene 0.0250 87.5 8.75 10.0 ND 63-131 14.8 20 p,m-Xylene 0.0500



13.1

7.68

0.0250

15.0

8.00

ND

87.4

96.0

63-131

70-130

14.7

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Analyst: BA

## **QC Summary Data**

 Targa
 Project Name:
 7138\_Red\_Hills\_2\_Amine\_Spill
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 5/15/2024 4:47:04PM

Nonhalogenated Organics	es by EPA 8015D - GRO
-------------------------	-----------------------

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

	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419125-BLK1)							Prepared: 0	5/08/24	Analyzed: 05/14/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.61		8.00		108	70-130			
LCS (2419125-BS2)							Prepared: 0	5/08/24	Analyzed: 05/14/24
Gasoline Range Organics (C6-C10)	54.4	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.69		8.00		109	70-130			
Matrix Spike (2419125-MS2)				Source:	E405109-	05	Prepared: 0	5/08/24	Analyzed: 05/14/24
Gasoline Range Organics (C6-C10)	56.9	20.0	50.0	ND	114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.80		8.00		110	70-130			
Matrix Spike Dup (2419125-MSD2)				Source:	E405109-	05	Prepared: 0	5/08/24	Analyzed: 05/14/24
Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130	5.51	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.75		8.00		109	70-130			



# **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:	7138_Red_Hills_2_Amine_Spill 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

Midland TX, 79707		Project Manage	r: Br	rett Dennis				5/	15/2024 4:47:04PM
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2419187-BLK1)							Prepared: 0	5/10/24 Ana	lyzed: 05/13/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.2		50.0		108	50-200			
LCS (2419187-BS1)							Prepared: 0	5/10/24 Ana	lyzed: 05/13/24
Diesel Range Organics (C10-C28)	290	25.0	250		116	38-132			
Surrogate: n-Nonane	56.8		50.0		114	50-200			
LCS Dup (2419187-BSD1)							Prepared: 0	5/10/24 Ana	lyzed: 05/13/24
Diesel Range Organics (C10-C28)	296	25.0	250		119	38-132	2.19	20	
Surrogate: n-Nonane	57.2		50.0		114	50-200			

## **QC Summary Data**

Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager	: 2	7138_Red_Hills 21102-0001 Brett Dennis	s_2_Amin	e_Spill			<b>Reported:</b> 5/15/2024 4:47:04PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2420030-BLK1)							Prepared: 0:	5/13/24 Ar	nalyzed: 05/14/24
Chloride	ND	20.0							
LCS (2420030-BS1)							Prepared: 0:	5/13/24 Ar	nalyzed: 05/14/24
Chloride	260	20.0	250		104	90-110			
LCS Dup (2420030-BSD1)							Prepared: 0:	5/13/24 Ar	nalyzed: 05/14/24
Chloride	256	20.0	250		102	90-110	1.59	20	

#### QC Summary Report Comment:

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



## **Definitions and Notes**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 16:47

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



roject Info	rmation				Cha	in of Custody											Pa	ge_S	of 10
Client:	Targa	a Resourc	202		Bill To				ab U	se Or	nlv				TAT	E.	Т	EPA Pi	rogram
Project: 71	38_Red_H	1115-2	- Amine	-Spill	Attention: Amber Groves		Lab WC				Num	ber	1D	2D		Standa	rd	CWA	SDWA
Project Mai	nager: Bi	rett Denr			Address: 201 S 4th St.		E40	510				-000				X			
Address:		. Marlan			City, State, Zip: Artesia, NM					Analy	sis ar	nd Meth	od						RCRA
	Zip: Hobb	s, NM 88	240		Phone:		0										3	State	
Phone:					Email: agroves@targare	esources.com	3/0R				0		5			NIM	COL	UT AZ	TY
Report due		com; bbasto	is@tasman-g	eo.com; lflores@tas	*PO Pending*		/DRC	8021		6010	300.0		ΣZ		×	×	-	OT AZ	TX
report due	by.		No. of		1	Lab	TPH GRO/DRO/ORO	cby 8		als 60	Chloride 300.0		верос		2				
Time Sampled	Date Sampled	Matrix	Containers	Sample ID		Number	표 .	BTEX by	F	Metals	Chlo		BGC		СВОС			Remarks	
12:40	05.06.24	S	1		FL-41	1	X	Х	Х		Х								
12:45	05.06.24	S	1		FL-42	2	Х	Х	Х		Х	_							
12:50	05.06.24	S	1		FL-43	3	X	Х	Х		Х								
1:00	05.06.24	S	1		FL-44	4	х	Х	Х		Х								
1:05	05.06.24	S	1		FL-45	5	х	Х	х		х								
1:10	05.06.24	S	1		FL-46	4	Х	X	х		Х								
1:15	05.06.24	S	1		FL-47	7	×	Х	х		Х								
1:10	05.06.24	S	1		FL-48	8	X	Х	х		Х								
1:20	05.06.24	S	1		FL-49	9	Х	Х	х		х								
1:25	05.06.24	S	1		FL-50	10	X	X	х		Х								
Additional	Instructions	:										L							
, (field sampler	, attest to the va	lidity and au	thenticity of	his sample. I am aware t grounds for legal action.	hat tampering with or intentionally mislabell Sampled by:	ling the sample location	Aspe	E.								eived on ice t ss than 6 °C o			iled or
	y: (Signature)		05.0			ales 57-	24 Tim	°32	î	Rec	eived	on ice:		ab Us	e Only				
Remuished Wich	ov (Signature)	gales	Date	7-24 Time 180	Received ho: (Signature)	Date S·7	Tim	80		T1			<u>T2</u>			<u>T3</u>			
Relinquished	oy: (Signature)	60	Date	\$100 mark 1	Received by: (Signature)	Date 5-8-	Zy O	e 50	0	AVO	6 Tem	np °C	4						
Sample Matrix:	S - Soil, Sd - Solid	, <b>Sg</b> - Sludge		0 /1	No Paris		er Type: g	- glas	5, <b>p</b> - p				ber gla	iss, v -	VOA				
Note: Sample	are discarded	30 days aft	er results a	e reported unless other	er arrangements are made. Hazardous	samples will be ret	urned to cli	ent or	dispos	ed of a	at the	client exp	ense.	The re	port for	the analy	sis of t	ne above s	amples is
pplicable onl	y to those samp	oles receive	ed by the lat	oratory with this COC.	. The liability of the laboratory is limited	d to the amount paid	for on the	report											



Allention: Amber Groves   Amber Groves   Amber Groves   Amber Groves   Brett Dennis   Address:   2620 W. Marfand Blvd.   Giv, State, Zip: Hobbs, NM 88240     Analysis and Method     Analysis and Method     Analysis and Method     Analysis and Method	Client:	Tar	ga Resou	irces			Bill To			1.29	La	ab Us	e On	ly				TA	λT		EPA P	rogram
City, State, Zip: Hobbs, NM 8240   Sample   Hobbs, NM 8240   Sample   Hobbs, NM 8240   Ho								Lab V	Lab WO#			Job I	b Number			2D	3D	Sta	ndard	CWA	SDWA	
Phone:	Project Manager: Brett Dennis Address: 20																		Х			
Phone:							ip: Artesia, NM		<u></u>	_			Analy	sis an	d Meth	od	_					RCRA
1:30   05.06.24   S   1   FL-51   I   X   X   X   X   X   X   X   X   X		Zip: Hob	bs, NM 8	<u>88240</u>			-			0									-		State	
1:30   05.06.24   S   1   FL-51   I   X   X   X   X   X   X   X   X   X	-	is@tasman-geo.c	om; bbastos@	tasman-geo.co	m; Iflores@tasman-			es.com		3/0R	2.724					5	1		-	NM CO		TTY
1:30   05.06.24   S   1   FL-51   I   X   X   X   X   X   X   X   X   X	Poport due	om; nmdata@tasr	man-geo.com			- FO Fending	<u> </u>			/DRC	021		010	300.0		- 1		¥	ŀ		OT AZ	'^
1:30   05.06.24   S   1   FL-51   I   X   X   X   X   X   X   X   X   X		T		No of	2000 28 WHITE			Lab	1 1	GRO,			als 60	ride		20	1	g		_		
1:30   05.06.24   S   1   FL-51   I   X   X   X   X   X   X   X   X   X	Time Sampled		Matrix		Sample ID					TPH by 8(	втех	F	Met	Chlo		BGC		GDC			Remarks	
1:35   05.06.24   S   1   FL-53   13   X   X   X   X   X   X   X   X   X	1:30	05.06.24	S	1		FL-51		11						х								
1:40	1:35	05.06.24	S	1		FL-52		12,		Х	Х	Х		Х								)
1:40	1:35	05.06.24	S	1		FL-53		13		Х	Х	Х		Х								
1:45	1:40	05.06.24	S	1		FL-54		14		х	х	х		х								
1:45 05.06.24 S 1 FL-57	1:40	05.06.24	S	1		FL-55		15		Х	х	х		х								
1:45 05.06.24 S 1 FL-58 IB X X X X X X X X X X X X X X X X X X	1:45	05.06.24	S	1		FL-56		16		Х	х	х		х								
1:50 05.06.24 S 1 FL-59 IG X X X X X X X X X X X X X X X X X X	1:45	05.06.24	S	1		FL-57		17		Х	х	х		Х								
1:50 05.06.24 S 1 FL-60 X X X X X X X X X X X X X X X X X X X	1:45	05.06.24	S	1		FL-58		18		Х	Х	х		Х								
Additional Instructions:  I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.  Religion shed by: (Signature)  OS.07.24  Time 29  Received by: (Signature)  Date  Time 39  Received on ice: (Y/ N	1:50	05.06.24	S	1		FL-59		19		Х	Х	Х		Х								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.  Religious shed by: (Signature)  Os.07.24  Time  Os.07.24  T	1:50	05.06.24	S	1		FL-60		70		X	Х	х		Х								
Relignment by: (Signature) Date ST-24 Time 29 Received by: (Signature) Date ST-24 Time Lab Use Only Received on ice: (V) N																						
Relignment by: (Signature) Date ST-24 Time 29 Received by: (Signature) Date ST-24 Time Lab Use Only Received on ice: (V) N													Cample	e roquis	ing thorms	Inrocony	ation m	uet ha ra	ceived o	n ice the day	they are same	aled or received
Relignment by: (Signature) Date ST-24 Time 29 Received by: (Signature) Date ST-24 Time Lab Use Only Received on ice: (V) N	date or time of	r), attest to the	validity and	authenticity	of this sample. I am awa	re that tampering w	Sampled by:	the sample for	AS	res	,		COSTON AND STREET									
7) 11   Vichelle Gongnes 3-7-29   S29   Received on ice: (V) N			e)		- T-					Time			Bay A		-600		ab U	se On	ıly			
Rednorished by: (Signature)  Date  Time  Received by: (Signature)  Date  Time	5	D	11	_	1 15	29 Mic	helle Gonzales	5-7-2	4	13	129		Rece	eived	on ice:							
	Remodished	by: (Signature	enles	Date S-	724 Time 70	Received	by: (Signature)	Date 3.7.	24	Time	30	5								T3		
Relinentished by: (Signature) Date Time Received by: (Signature) Date	Relinquished	by: (Signature	e)	Date	Hime	Received	by: (Signature)	Date		Time			Sales .									
J. H. 5.7.24 2400 heggs 12 Hall 3-8-24 0500 AVG Temp °C 4	J. M			5	7.24 640	o hegh	of 12 Hall	3-8-	24	0	50	D	AVG	Tem	p°C	4_						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA	Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.															ne client	expen	se. Ti	ne repo	ort for	tne analys	is of the ab	ove



Printed: 5/9/2024 3:16:37PM

## **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Targa	Date Received:	05/08/24 0	5:00	Wor	k Order ID:	E405109
Phone:	(432) 999-8675	Date Logged In:	05/07/24 1	7:41	Log	ged In By:	Alexa Michaels
Email:	bdennis@tasman-geo.com	Due Date:	05/14/24 1	7:00 (4 day TAT)			
	Custody (COC) ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	<u>c</u>	<del>Journel</del>		
	Il samples received within holding time?	,	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssit			ı		Comment	s/Resolution
	Gurn Around Time (TAT)		Yes		Project 7138 1	Red Hills	2 Amine Spill
	COC indicate standard TAT, or Expedited TAT?		ies		has been separ	_	
Sample C	<del></del>		<b>V</b>		•		•
	sample cooler received? was cooler received in good condition?		Yes			•	sample volume.
•	· ·		Yes		WO are as foll	ows:E40	5107, 405108,
	e sample(s) received intact, i.e., not broken?		Yes		405109, 40511	0, 40511	1,
10. Were	custody/security seals present?		No		, , , , , , , , , , , , , , , , , , , ,	-,	,
11. If yes,	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15	Yes				
	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
_	<u>Container</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contain	ners collected?	Yes				
	field sample labels filled out with the minimum info	ormation:	**				
	ample ID? vate/Time Collected?		Yes				
	ollectors name?		Yes Yes				
	reservation		103				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix						
_	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
-		, 200.	IVA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	-	No		37.		
29. was a	subcontract laboratory specified by the client and is	I so wno?	NA	Subcontract Lab	o: NA		
Client Ir	<u>nstruction</u>						
1							

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

Report to:
Brett Dennis







5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

## Targa

Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill

Work Order: E405109

Job Number: 21102-0001

Received: 5/8/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 5/15/24

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

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

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

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

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

Date Reported: 5/15/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 7138 Red Hills 2 Amine Spill

Workorder: E405109

Date Received: 5/8/2024 5:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2024 5:00:00AM, under the Project Name: 7138 Red Hills 2 Amine Spill.

The analytical test results summarized in this report with the Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

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G 11 505 0 45 0000

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### **Sample Summary**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	Reported.
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 16:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL-41	E405109-01A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-42	E405109-02A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-43	E405109-03A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-44	E405109-04A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-45	E405109-05A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-46	E405109-06A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-47	E405109-07A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-48	E405109-08A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-49	E405109-09A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-50	E405109-10A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-51	E405109-11A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-52	E405109-12A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-53	E405109-13A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-54	E405109-14A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-55	E405109-15A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-56	E405109-16A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-57	E405109-17A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-58	E405109-18A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-59	E405109-19A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-60	E405109-20A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

#### FL-41 E405109-01

		E405109-01					
Analyte	Result	Reporting Limit	Diluti	ion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	Analyst: W	VF		Batch: 2420057
рН @25°C	7.99		1		05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: B	BA		Batch: 2419125
Benzene	ND	0.0250	1		05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1		05/08/24	05/14/24	
Toluene	ND	0.0250	1		05/08/24	05/14/24	
o-Xylene	ND	0.0250	1		05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1		05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1		05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: B	3A		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: K	XM.		Batch: 2419187
Diesel Range Organics (C10-C28)	28.0	25.0	1		05/10/24	05/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/10/24	05/13/24	
Surrogate: n-Nonane		112 %	50-200		05/10/24	05/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: Γ	Y		Batch: 2420030
Chloride	67.1	20.0	1		05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

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Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	WF		Batch: 2420057
рН @25°С	7.85			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	ND	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		109 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2420030
Chloride	69.9	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

#### FL-43

		E403107-03					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420057
pH @25°C	7.99			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	_
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	ND	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	_
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2420030
Chloride	51.7	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

#### FL-44

	E403107-04									
Result	Reporting Limit	Diluti	ion Prep	ared	Analyzed	Notes				
pH Units	pH Units	A	nalyst: WF			Batch: 2420057				
8.40		1	05/14	4/24	05/14/24					
mg/kg	mg/kg	A	analyst: BA			Batch: 2419125				
ND	0.0250	1	05/0	8/24	05/14/24					
ND	0.0250	1	05/0	8/24	05/14/24					
ND	0.0250	1	05/0	8/24	05/14/24					
ND	0.0250	1	05/0	8/24	05/14/24					
ND	0.0500	1	05/0	8/24	05/14/24					
ND	0.0250	1	05/0	8/24	05/14/24					
	96.4 %	70-130	05/0	8/24	05/14/24					
mg/kg	mg/kg	A	nalyst: BA			Batch: 2419125				
ND	20.0	1	05/0	8/24	05/14/24					
	106 %	70-130	05/0	8/24	05/14/24					
mg/kg	mg/kg	A	nalyst: KM			Batch: 2419187				
37.5	25.0	1	05/10	0/24	05/14/24					
ND	50.0	1	05/10	0/24	05/14/24					
	111 %	50-200	05/1	0/24	05/14/24					
mg/kg	mg/kg	A	nalyst: DT			Batch: 2420030				
39.1	20.0	1	05/1	3/24	05/14/24					
	pH Units  8.40  mg/kg  ND  ND  ND  ND  ND  ND  ND  MD  ND  MD  M	Result         Reporting Limit           pH Units         pH Units           8.40         mg/kg           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.00           106 %         mg/kg           mg/kg         mg/kg           37.5         25.0           ND         50.0           111 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           pH Units         pH Units         A           8.40         1         1           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           mg/kg         mg/kg         A           ND         20.0250         1           106 %         70-130         70-130           mg/kg         mg/kg         A           37.5         25.0         1           ND         50.0         1           111 %         50-200           mg/kg         mg/kg         A	Reporting         Limit         Dilution         Preporting           pH Units         pH Units         Analyst: WF           8.40         1         05/1           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/0           ND         0.0250         1         05/0           ND         0.0250         1         05/0           ND         0.0500         1         05/0           ND         0.0500         1         05/0           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/0           mg/kg         mg/kg         Analyst: KM           37.5         25.0         1         05/1           ND         50.0         1         05/1           ND         50.0         1         05/1           mg/kg         mg/kg         Analyst: KM	Reporting           pH Units         pH Units         Analyst: WF           8.40         1         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24           mg/kg         mg/kg         Analyst: KM           37.5         25.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         05/10/24           ND	Reporting         Limit         Dilution         Prepared         Analyzed           pH Units         Analyst: WF           8.40         1         05/14/24         05/14/24           MD         0.0250         1         05/08/24         05/14/24           ND         0.0250         1         05/08/24         05/14/24           96.4 %         70-130         05/08/24         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24         05/14/24           mg/kg         mg/kg         Analyst: KM           37.5         25.0         1         05/10/24         05/10/24         05/14/24 <th <="" colspan="4" td=""></th>				



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

#### FL-45

		E405109-05				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	lyst: WF		Batch: 2420057
рН @25°C	7.98		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		114 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2420030
Chloride	29.5	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420057
рН @25°С	8.13			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	ND	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		114 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420030
Chloride	34.2	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

		E405109-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	st: WF		Batch: 2420057
pH @25°C	8.16		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	101	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	55.4	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2420030
Chloride	22.3	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

#### FL-48

		E403107-00					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF	<u> </u>	Batch: 2420057
pH @25°C	8.22	1		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	ND	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	_
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	113	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	71.4	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420030
Chloride	37.3	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

#### FL-49

		E403107-07					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420057
pH @25°С	8.41	*		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	ND	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	255	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	144	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		114 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420030
Chloride	35.6	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

		E405109-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	vst: WF		Batch: 2420057
pH @25°C	7.92		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	49.0	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		113 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2420030
Chloride	30.0	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

#### FL-51 E405109-11

		L403107-11				
Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	nalyst: WF		Batch: 2420057
рН @25°C	8.06		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	93.1	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2420030
Chloride	54.3	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

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Result	Reporting Limit	Dilı	ıtion	Prepared	Analyzed	Notes
pH Units	pH Units		Analyst:	WF		Batch: 2420057
8.29			1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst:	BA		Batch: 2419125
ND	0.0250		1	05/08/24	05/14/24	
ND	0.0250		1	05/08/24	05/14/24	
ND	0.0250		1	05/08/24	05/14/24	
ND	0.0250		1	05/08/24	05/14/24	
ND	0.0500		1	05/08/24	05/14/24	
ND	0.0250		1	05/08/24	05/14/24	
	96.0 %	70-130		05/08/24	05/14/24	
mg/kg	mg/kg		Analyst:	BA		Batch: 2419125
ND	20.0		1	05/08/24	05/14/24	
	105 %	70-130		05/08/24	05/14/24	
mg/kg	mg/kg		Analyst:	KM		Batch: 2419187
70.9	25.0		1	05/10/24	05/14/24	
ND	50.0		1	05/10/24	05/14/24	
	108 %	50-200		05/10/24	05/14/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2420030
27.0	20.0		1	05/13/24	05/14/24	
	pH Units 8.29 mg/kg ND Mg/kg ND mg/kg 70.9 ND	Result         Limit           pH Units         pH Units           8.29         mg/kg           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           mg/kg         mg/kg           ND         20.0           105 %         mg/kg           mg/kg         mg/kg           70.9         25.0           ND         50.0           108 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilu           pH Units         pH Units           8.29         mg/kg           MD         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0250           MD         20.0           105 %         70-130           mg/kg         mg/kg           70.9         25.0           ND         50.0           108 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           pH Units         pH Units         Analyst:           8.29         1           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           MD         0.0250         1           Mg/kg         mg/kg         Analyst:           mg/kg         mg/kg         Analyst:           mg/kg         mg/kg         Analyst:           70.9         25.0         1           ND         50.0         1           108 %         50-200           mg/kg         Analyst:	Result         Limit         Dilution         Prepared           pH Units         pH Units         Analyst: WF           8.29         1         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           mg/kg         mg/kg         Analyst: BA           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24           mg/kg         mg/kg         Analyst: KM           70.9         25.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10/24           mg/kg         mg/kg         Analyst: KM	Result         Limit         Dilution         Prepared         Analyzed           pH Units         pH Units         Analyst: WF           8.29         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24         05/14/24           ND         0.0500         1         05/08/24         05/14/24           ND         0.0250         1         05/08/24         05/14/24           ND         0.0250         1         05/08/24         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24         05/14/24           mg/kg         mg/kg         Analyst: KM           70.9         25.0         1         05/10/24         05/14/24           ND         50.0         1         05/10/24         05/14/24           ND         50.0         1



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

		E405109-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	yst: WF		Batch: 2420057
pH @25°C	8.18		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.5 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	120	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	76.7	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		108 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2420030
Chloride	25.3	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

#### FL-54

		E403107-14					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF	·	Batch: 2420057
pH @25°C	8.01			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	_
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	ND	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.8 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	_
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	55.4	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		115 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420030
Chloride	31.9	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

		E405109-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	vst: WF		Batch: 2420057
pH @25°C	8.23		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	ND	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.6 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	57.1	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2420030
Chloride	44.5	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

E405109-16								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	yst: WF		Batch: 2420057		
pH @25°C	8.48		1	05/14/24	05/14/24			
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2419125		
Benzene	ND	0.0250	1	05/08/24	05/14/24			
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24			
Toluene	ND	0.0250	1	05/08/24	05/14/24			
o-Xylene	ND	0.0250	1	05/08/24	05/14/24			
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24			
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24			
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	05/08/24	05/14/24			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2419125		
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24			
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	05/08/24	05/14/24			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2419187		
Diesel Range Organics (C10-C28)	262	25.0	1	05/10/24	05/14/24			
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24			
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2420030		
Chloride	28.6	20.0	1	05/13/24	05/14/24			



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

#### FL-57 E405109-17

		E403109-17					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst			Batch: 2420057
pH @25°C	8.07	pir cine		1	05/14/24	05/14/24	Buttin 2 (2000)
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Benzene	ND	0.0250		1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/14/24	
Toluene	ND	0.0250		1	05/08/24	05/14/24	
o-Xylene	ND	0.0250		1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		110 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420030
Chloride	37.7	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

E4051	09	-18
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		Reporting					
Analyte	Result	Limit	Diluti	ion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	Analyst: W	F		Batch: 2420057
рН @25°С	8.09	_	1		05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: BA	A		Batch: 2419125
Benzene	ND	0.0250	1		05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1		05/08/24	05/14/24	
Toluene	0.0423	0.0250	1		05/08/24	05/14/24	
o-Xylene	ND	0.0250	1		05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1		05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1		05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA	A		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: K!	M		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0	1		05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/10/24	05/14/24	
Surrogate: n-Nonane		115 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: D	Γ		Batch: 2420030
Chloride	43.0	20.0	1		05/13/24	05/14/24	<del></del>



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

		E405109-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	st: WF		Batch: 2420057
pH @25°C	8.50		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2419125
Benzene	ND	0.0250	1	05/08/24	05/14/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/14/24	
Toluene	0.0363	0.0250	1	05/08/24	05/14/24	
o-Xylene	ND	0.0250	1	05/08/24	05/14/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/14/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/14/24	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2419125
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		105 %	70-130	05/08/24	05/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KM		Batch: 2419187
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		110 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2420030
Chloride	41.9	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

#### FL-60 E405109-20

	E405109-20					
Result	Reporting Limit		ution	Prepared	Analyzed	Notes
pH Units	pH Units		Analyst	WF		Batch: 2420057
8.13	•		1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst	BA		Batch: 2419125
ND	0.0250		1	05/08/24	05/14/24	
ND	0.0250		1	05/08/24	05/14/24	
ND	0.0250		1	05/08/24	05/14/24	
ND	0.0250		1	05/08/24	05/14/24	
ND	0.0500		1	05/08/24	05/14/24	
ND	0.0250		1	05/08/24	05/14/24	
	93.8 %	70-130		05/08/24	05/14/24	
mg/kg	mg/kg		Analyst	BA		Batch: 2419125
ND	20.0		1	05/08/24	05/14/24	
	105 %	70-130		05/08/24	05/14/24	
mg/kg	mg/kg		Analyst	KM		Batch: 2419187
ND	25.0		1	05/10/24	05/14/24	
ND	50.0		1	05/10/24	05/14/24	
	113 %	50-200		05/10/24	05/14/24	
mg/kg	mg/kg		Analyst	DT		Batch: 2420030
36.8	20.0	•	1	05/13/24	05/14/24	
	pH Units  8.13  mg/kg  ND  ND  ND  ND  ND  ND  ND  ND  ND  MD  M	Result         Reporting Limit           pH Units         pH Units           8.13         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           ND         0.0250           MD         20.0           105 %         mg/kg           MD         25.0           ND         50.0           113 %         mg/kg           mg/kg         mg/kg	Reporting           Limit         Dil           pH Units         pH Units           8.13         mg/kg         mg/kg           ND         0.0250         ND           ND         0.0250         ND           ND         0.0250         ND           ND         0.0500         ND           ND         0.0250         ND           MD         0.0250         0           MD         0.0250         0           Mg/kg         mg/kg         T0-130           mg/kg         mg/kg         ND           ND         25.0         ND           ND         50.0         113 %           mg/kg         mg/kg         50-200	Reporting           Result         Limit         Dilution           pH Units         pH Units         Analyst           8.13         1         1           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           Mg/kg         mg/kg         Analyst           mg/kg         mg/kg         Analyst           ND         20.0         1           ND         25.0         1           ND         50.0         1           ND         50.0         1           Mg/kg         Mg/kg         Analyst	Reporting Limit         Dilution         Prepared           pH Units         Analyst: WF           8.13         1         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           mg/kg         mg/kg         Analyst: BA           MD         20.0         1         05/08/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10	Reporting           Limit         Dilution         Prepared         Analyzed           pH Units         Analyst: WF           8.13         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: BA         MD         0.0250         1         05/08/24         05/14/24           ND         0.0500         1         05/08/24         05/14/24           ND         0.0250         1         05/08/24         05/14/24           ND         0.0250         1         05/08/24         05/14/24           ND         0.0250         1         05/08/24         05/14/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         05/08/24         05/14/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/10/24         05/14/24           ND         50.0



# **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:	7138_Red_Hills_2_Amine_Spill 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:47:04PM

Wet	Chemistry	bv /	EPA	.9045D

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	Notes

LCS (2420057-BS1)			Prepared: 05/14/24 Analyzed: 05/14/24							
pН	7.92	8.00	99.0 98.75-101.25							
<b>Duplicate (2420057-DUP1)</b>			Source: E405109-	06 Prepared: 0:	5/14/24 Analyzed: 05/14/24					
pH	8.15		8.13	0.246	20					



#### **QC Summary Data**

7138 Red Hills 2 Amine Spill Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 5/15/2024 4:47:04PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2419125-BLK1) Prepared: 05/08/24 Analyzed: 05/14/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.48 8.00 93.5 70-130 LCS (2419125-BS1) Prepared: 05/08/24 Analyzed: 05/14/24 3.76 75.1 70-130 5.00 Benzene 0.0250 Ethylbenzene 3.53 0.0250 5.00 70.6 70-130 3.70 0.0250 5.00 74.0 70-130 Toluene 71.9 o-Xylene 3.59 0.0250 5.00 70-130 7.27 10.0 72.7 70-130 0.0500 p.m-Xvlene 72.4 70-130 10.9 15.0 Total Xylenes 0.0250 8.00 95.3 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.62 Matrix Spike (2419125-MS1) Source: E405109-05 Prepared: 05/08/24 Analyzed: 05/14/24 5.23 0.0250 5.00 ND 54-133 Benzene ND 98.7 61-133 Ethylbenzene 4.94 0.0250 5.00 Toluene 5.17 0.0250 5.00 ND 103 61-130 ND 101 63-131 5.04 5.00 0.0250 o-Xylene p,m-Xylene 10.1 0.0500 10.0 ND 101 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.65 8.00 Matrix Spike Dup (2419125-MSD1) Source: E405109-05 Prepared: 05/08/24 Analyzed: 05/14/24 4.56 0.0250 5.00 ND 91.3 54-133 13.7 61-133 14.7 4.26 0.0250 5.00 ND 85.2 20 Ethylbenzene 61-130 Toluene 4 48 0.0250 5.00 ND 89.7 14 2 20 4.36 5.00 ND 87.2 63-131 14.6 20 o-Xylene 0.0250 87.5 8.75 10.0 ND 63-131 14.8 20 p,m-Xylene 0.0500



13.1

7.68

0.0250

15.0

8.00

ND

87.4

96.0

63-131

70-130

14.7

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

### **QC Summary Data**

 Targa
 Project Name:
 7138\_Red\_Hills\_2\_Amine\_Spill
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 5/15/2024 4:47:04PM

Midland TX, 79707		Project Manage		ett Dennis				5	i/15/2024 4:47:04PM
	Non	halogenated	Organics	by EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2419125-BLK1)							Prepared: 0	5/08/24 An	alyzed: 05/14/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.61		8.00		108	70-130			
LCS (2419125-BS2)							Prepared: 0	5/08/24 An	alyzed: 05/14/24
Gasoline Range Organics (C6-C10)	54.4	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.69		8.00		109	70-130			
Matrix Spike (2419125-MS2)				Source:	E405109-	05	Prepared: 0	5/08/24 An	alyzed: 05/14/24
Gasoline Range Organics (C6-C10)	56.9	20.0	50.0	ND	114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.80		8.00		110	70-130			
Matrix Spike Dup (2419125-MSD2)				Source:	E405109-	05	Prepared: 0	5/08/24 An	alyzed: 05/14/24

50.0

8.00

ND

108

109

5.51

70-130

70-130

20

53.8

8.75

20.0

# **QC Summary Data**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91 Midland TX, 79707	Project Number: Project Manager:	21102-0001 Brett Dennis	5/15/2024 4:47:04PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis				5.	/15/2024 4:47:04PM
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
	g kg	mg kg		g Kg	70	70	70	70	Notes
Blank (2419187-BLK1)						ļ	Prepared: 0	5/10/24 Ana	alyzed: 05/13/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.2		50.0		108	50-200			
LCS (2419187-BS1)							Prepared: 0	5/10/24 Ana	alyzed: 05/13/24
Diesel Range Organics (C10-C28)	290	25.0	250		116	38-132			
Surrogate: n-Nonane	56.8		50.0		114	50-200			
LCS Dup (2419187-BSD1)						]	Prepared: 0	5/10/24 Ana	alyzed: 05/13/24
Diesel Range Organics (C10-C28)	296	25.0	250		119	38-132	2.19	20	
Surrogate: n-Nonane	57.2		50.0		114	50-200			

Chloride

#### **QC Summary Data**

Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager	: :	7138_Red_Hills 21102-0001 Brett Dennis	s_2_Amin	<b>Reported:</b> 5/15/2024 4:47:04PM			
				300.0/9056	1				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2420030-BLK1)							Prepared: 0	5/13/24 An	alyzed: 05/14/24
Chloride	ND	20.0							
LCS (2420030-BS1)							Prepared: 0	5/13/24 An	alyzed: 05/14/24
Chloride	260	20.0	250		104	90-110			
LCS Dup (2420030-BSD1)							Prepared: 0	5/13/24 An	alyzed: 05/14/24

250

20.0

102

90-110

1.59

256

#### QC Summary Report Comment:

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



### **Definitions and Notes**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 16:47

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Info	rmation				Cha	in of Custody											Page _S	of 10
Client:	Targa	a Resourc	202		Bill To			1	ab U	se Or	nlv				TAT		EPA I	Program
Project: 71	38_Red_H	1115-2	- Amine	-Spill	Attention: Amber Groves		Lab WO				Numb	er	1D	2D		Standard		SDWA
Project Mai	nager: B	rett Denr			Address: 201 S 4th St.		E40	510				0001				Х		
Address:		. Marlan			City, State, Zip: Artesia, NM					Anal	sis and	Metho	d					RCRA
	Zip: Hobb	s, NM 88	240		Phone:		0										Chaha	
Phone:					Email: agroves@targare	esources.com	J/OR						5			NMI	State O UT AZ	Z T X I
Report due		com; bbasto	s@tasman-ge	eo.com; lflores@tas	*PO Pending*		/DR(	8021		6010	300.		ΣZ		×	×	.0 01 A2	Z TX
			No. of	G1-1D		Lab	TPH GRO/DRO/ORO	BTEX by		Metals 6	Chloride 300.0		всрос		GDOC		Remark	
Time Sampled	Date Sampled	Matrix	Containers	Sample ID		Number	표	BTE	PH	Z	S.		BG		8		Kemark	3
12:40	05.06.24	S	1		FL-41	1	Х	Х	Х		Х				_			S
12:45	05.06.24	S	1		FL-42	2	Х	Х	Х		х							
12:50	05.06.24	S	1		FL-43	3	x	Х	Х		х							
1:00	05.06.24	S	1		FL-44	4	X	Х	Х		х							
1:05	05.06.24	S	1		FL-45	5	Х	Х	Х		х							
1:10	05.06.24	S	1		FL-46	4	х	х	Х		х							
1:15	05.06.24	S	1		FL-47	7	х	Х	Х		х							
1:10	05.06.24	S	1		FL-48	В	Х	Х	Х		х							
1:20	05.06.24	S	1		FL-49	9	х	Х	Х		х							
1:25	05.06.24	S	1		FL-50	10	х	Х	Х		х							
Additional	Instructions	:	1										•					
I, (field sampler	), attest to the va	lidity and au	thenticity of	his sample. I am aware grounds for legal action.	that tampering with or intentionally mislabel Sampled by:	ling the sample location	Aspe										day they are sar subsequent days	
Religatiished l	oy: (Signature)	12	05.0			ales 57-2	Tim	32	î	Rec	eived	on ice:		ab Us	e Only	Tax -		
Remuished Wich	oy (Signature)	gales	Date	7-24 Time	Received by (Signature)	Date 5.7.	Tim	8c		T1			<u>T2</u>		To and	<u>T3</u>		
Relinquished	y: (Signature)	00	Date	.7.24 74	Received by: (Signature)	Date 5-8-2	74 O	500	0	AVO	G Tem	o°C_	1					
Sample Matrix:	S - Soil, Sd - Solid	, <b>Sg</b> - Sludge	, A - Aqueous	, <b>O</b> - Other			er Type: g			ooly/p	olastic,	ag - am	ber gla					
Note: Sample	are discarded	30 days aft	er results a	e reported unless ot	ner arrangements are made. Hazardous	samples will be retu	rned to clie	ent or	dispos	ed of	at the cl	ient exp	ense.	The re	port for	the analysi	of the above	samples is
pplicable onl	y to those samp	oles receive	d by the lat	oratory with this CO	C. The liability of the laboratory is limited	to the amount paid	for on the	report	•									

Allention: Amber Groves   Amber Groves   Amber Groves   Amber Groves   Brett Dennis   Address:   2620 W. Marfand Blvd.   Giv, State, Zip: Hobbs, NM 88240	Client:	Tar	ga Resou	irces			Bill To			1.28	La	ab Us	se On	ly				Т	AT		EPA F	rogram
City, State, Zip: Hobbs, NM 8240   Sample   Hobbs, NM 8240   Sample   Hobbs, NM 8240   Ho					nine-Spill	Attention	: Amber Groves		Lab \	WO#			Job	Numb	per		2D	3D	St	andard	CWA	SDWA
Phone:	Project Ma	nager:	Brett Dei	<u>nnis</u>		-			E4	105	10			Bullet Lancon Co.			$\perp$			Х		
Phone:							e, Zip: Artesia, NM						Analy	sis an	d Meth	od	_		_			RCRA
1:30   05.06.24   S   1   FL-51   I   X   X   X   X   X   X   X   X   X		Zip: Hob	bs, NM 8	38240						0											State	
1:30   05.06.24   S   1   FL-51   I   X   X   X   X   X   X   X   X   X	-	is@tasman-geo.c	om; bbastos@	tasman-geo.co	om; Iflores@tasman-			ces.com		J/0R	1-00			٥		5				NM CO		TV
1:30   05.06.24   S   1   FL-51   I   X   X   X   X   X   X   X   X   X	Poport due	om; nmdata@tasr	nan-geo.com			POPERIU	mig_			/DRC	3021		010	300.		- 1	1	×			OT AZ	-   '^   -
1:30   05.06.24   S   1   FL-51   I   X   X   X   X   X   X   X   X   X		T		No of				Lab	1 1	GRO 015	( pv {		als 60	ride		000		2				
1:30   05.06.24   S   1   FL-51   I   X   X   X   X   X   X   X   X   X	Time Sampled		Matrix		Sample ID					TPH by 8(	BTE)	H.	Meta	Chlo		BGC		GDC			Remark	S
1:35   05.06.24   S   1   FL-53   13   X   X   X   X   X   X   X   X   X	1:30	05.06.24	S	1		FL-	-51	1/						Х								
1:40	1:35	05.06.24	S	1		FL-	-52	12,		Х	Х	х		Х								,
1:40	1:35	05.06.24	S	1		FL-	-53	13		Х	Х	Х		Х								
1:45	1:40	05.06.24	S	1		FL-	-54	14		х	х	х		Х								
1:45 05.06.24 S 1 FL-57	1:40	05.06.24	S	1		FL-	-55	15		Х	х	х		х								
1:45 05.06.24 S 1 FL-58 IB X X X X X X X X X X X X X X X X X X	1:45	05.06.24	S	1		FL-	-56	16		х	х	х		Х								
1:50 05.06.24 S 1 FL-59 IG X X X X X X X X X X X X X X X X X X	1:45	05.06.24	S	1.		FL-	-57	17		х	х	х		Х								
1:50 05.06.24 S 1 FL-60 X X X X X X X X X X X X X X X X X X X	1:45	05.06.24	S	1		FL-	-58	18		х	х	х		Х								
Additional Instructions:  I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.  Religious shed by: (Signature)  OS.07.24  Time  O	1:50	05.06.24	S	1		FL-	-59	19		Х	Х	Х		Х								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.  Religious shed by: (Signature)  Os.07.24  Time  Os.07.24  T	1:50	05.06.24	S	1		FL-	-60	70		Х	Х	Х		Х								
Relignment by: (Signature) Date ST-24 Time 29 Received by: (Signature) Date ST-24 Time Lab Use Only Received on ice: (V) N												7.700										
Relignment by: (Signature) Date ST-24 Time 29 Received by: (Signature) Date ST-24 Time Lab Use Only Received on ice: (V) N								il and the last					Sample	os roquii	ing therm:	al preser	vation r	nust he r	eceived	on ice the day	they are sam	nled or received
Relignment by: (Signature) Date ST-24 Time 29 Received by: (Signature) Date ST-24 Time Lab Use Only Received on ice: (V) N	date or time of	r), attest to the	validity and	authenticity	of this sample. I am aw	are that tamperi	Sampled by:	AN E	AS	705	,		Control August	LOCAL CONTRACTOR								p. 00 0/ 100 0/ 100
7) 11   Vichelle Gongnes 3-7-29   S29   Received on ice: (V) N			e)		- 1-	- 1	Water Company of the			Time				C 1/2/1	- CONTRACT		Lab I	Jse O	nly			
Recordished by: (Signature)  Date  Time  S-7-24 Time  S-7	5	D	11	_	11:	29 1	lichelle Gonzales	5-7-2	4	13	329		Rece	eived	on ice:							
	Remodished	by: (Signature	gales	Date 5-	724 Time 8	OS Recei	yed by: (Signature)	Date 3.7.	24	Time	30	5								T3		
Relinentished by: (Signature) Date Time Received by: (Signature) Date	Relinquished	by: (Signature	2)	Date	Hime	Recei	ved by: (Signature)	Date		Time			10000									
J. H. 5.7.24 2400 heggs 12 Hall 3-8-24 0500 AVG Temp °C 4	J. M			5	1.24 64	00 M	uppe 12 Hall	3-8-	24	0	50	D	AVG	Tem	p°C	4		Par				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA					ous, <b>0</b> - Other																	
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.															ne client	exper	ise.	ne rep	ort fo	r the analys	is of the at	oove



envirotech Inc.

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

	2					
Client: Targa		Date Received:	05/08/24 05	5:00	Work Order ID:	E405109
Phone: (432) 999-	8675	Date Logged In:	05/07/24 17	7:41	Logged In By:	Alexa Michaels
Email: bdennis@	tasman-geo.com	Due Date:	05/14/24 17	7:00 (4 day TAT)		
Chain of Custody (	COC)					
1. Does the sample I	D match the COC?		Yes			
	of samples per sampling site location ma	tch the COC	Yes			
3. Were samples dro	pped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was the COC con	nplete, i.e., signatures, dates/times, reques	sted analyses?	Yes	_		
	received within holding time?		Yes			
	lysis, such as pH which should be conducted in tute hold time, are not included in this disucssi-				Comments	s/Resolution
Sample Turn Aroun	nd Time (TAT)				D :	<b>A</b>
6. Did the COC indi	cate standard TAT, or Expedited TAT?		Yes		Project 7138_Red_Hills	
Sample Cooler					has been separated into	multiple
7. Was a sample coo	ler received?		Yes		workorders due to high	sample volume.
8. If yes, was cooler	received in good condition?		Yes		WO are as follows:E405	•
9. Was the sample(s)	received intact, i.e., not broken?		Yes			<i>'</i>
10. Were custody/se	curity seals present?		No		405109, 405110, 405111	1,
11. If yes, were cust	ody/security seals intact?		NA			
•	received on ice? If yes, the recorded temp is 4°C, rmal preservation is not required, if samples ar f sampling		Yes			
13. If no visible ice,	record the temperature.	temperature: 4°C	<u>C</u>			
Sample Container						
14. Are aqueous VO	C samples present?		No			
15. Are VOC sample	es collected in VOA Vials?		NA			
16. Is the head space	e less than 6-8 mm (pea sized or less)?		NA			
17. Was a trip blank	(TB) included for VOC analyses?		NA			
18. Are non-VOC sa	amples collected in the correct containers	?	Yes			
19. Is the appropriate	volume/weight or number of sample contain	ners collected?	Yes			
Field Label						
20. Were field samp	le labels filled out with the minimum info	ormation:				
Sample ID?			Yes			
Date/Time C			Yes	'		
Collectors n			Yes			
Sample Preservation	on r field labels indicate the samples were p	racamiad9	Na			
		reserveu?	No NA			
22. Are sample(s) co	required and/or requested for dissolved n	netalc?	No			
		ictais:	NO			
Multiphase Sample		9				
	have more than one phase, i.e., multipha		No			
27. If yes, does the C	COC specify which phase(s) is to be analy	yzed?	NA			
Subcontract Labor						
	uired to get sent to a subcontract laborato		No			
29. Was a subcontra	ct laboratory specified by the client and i	f so who?	NA :	Subcontract Lab	: NA	
<b>Client Instruction</b>						

Date

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

Report to:
Brett Dennis







5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

### Targa

Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill

Work Order: E405110

Job Number: 21102-0001

Received: 5/8/2024

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 5/15/24

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

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

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

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

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

Date Reported: 5/15/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 7138 Red Hills 2 Amine Spill

Workorder: E405110

Date Received: 5/8/2024 5:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2024 5:00:00AM, under the Project Name: 7138 Red Hills 2 Amine Spill.

The analytical test results summarized in this report with the Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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### **Sample Summary**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Donoutoda
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 16:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL-61	E405110-01A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-62	E405110-02A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-63	E405110-03A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-64	E405110-04A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-65	E405110-05A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-66	E405110-06A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-67	E405110-07A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-68	E405110-08A	Soil	05/07/24	05/08/24	Glass Jar, 2 oz.
FL-69	E405110-09A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-70	E405110-10A	Soil	05/07/24	05/08/24	Glass Jar, 2 oz.
FL-71	E405110-11A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-72	E405110-12A	Soil	05/07/24	05/08/24	Glass Jar, 2 oz.
FL-73	E405110-13A	Soil	05/07/24	05/08/24	Glass Jar, 2 oz.
FL-74	E405110-14A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-75	E405110-15A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-76	E405110-16A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-77	E405110-17A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-78	E405110-18A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-79	E405110-19A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-80	E405110-20A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-61 E405110-01

		E-103110-01					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	WF		Batch: 2420059
pH @25°C	8.15			1	05/14/24	05/14/24	
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst	EG		Batch: 2419134
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		108 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2420031
Chloride	29.7	20.0		1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-62

		E405110-02				
		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Aı	nalyst: WF		Batch: 2420059
pH @25°C	8.19		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	ND	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2420031

20.0

05/13/24

05/13/24

33.1



Chloride

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-63 E405110-03

Result	Reporting	Dilutio	n Prenared	Analyzed	Notes
			1	rmaryzed	
pH Units	pH Units	An			Batch: 2420059
8.16		1	05/14/24	05/14/24	
mg/kg	mg/kg	An	alyst: EG		Batch: 2419134
ND	0.0250	1	05/08/24	05/12/24	
ND	0.0250	1	05/08/24	05/12/24	
ND	0.0250	1	05/08/24	05/12/24	
ND	0.0250	1	05/08/24	05/12/24	
ND	0.0500	1	05/08/24	05/12/24	
ND	0.0250	1	05/08/24	05/12/24	
	93.2 %	70-130	05/08/24	05/12/24	
mg/kg	mg/kg	An	alyst: EG		Batch: 2419134
ND	20.0	1	05/08/24	05/12/24	
	111 %	70-130	05/08/24	05/12/24	
mg/kg	mg/kg	An	alyst: KM		Batch: 2419188
ND	25.0	1	05/10/24	05/14/24	
ND	50.0	1	05/10/24	05/14/24	
	110 %	50-200	05/10/24	05/14/24	
mg/kg	mg/kg	An	alyst: DT		Batch: 2420031
36.6	20.0	1	05/13/24	05/13/24	
	mg/kg ND ND ND ND ND ND ND ND Mg/kg ND mg/kg ND mg/kg	Result         Limit           pH Units         pH Units           8.16         mg/kg           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0           111 %           mg/kg         mg/kg           ND         25.0           ND         50.0           110 %           mg/kg         mg/kg	Result         Limit         Dilution           pH Units         pH Units         An           8.16         1           mg/kg         mg/kg         An           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           mg/kg         mg/kg         An           ND         20.0         1           mg/kg         mg/kg         An           ND         25.0         1           ND         50.200         1           mg/kg         mg/kg         An           ND         50-200         1	Result         Limit         Dilution         Prepared           pH Units         pH Units         Analyst: WF           8.16         1         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           mg/kg         mg/kg         Analyst: EG           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/08/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/08/24           ND         25.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.200         05/10/24 <td>Result         Limit         Dilution         Prepared         Analyzed           pH Units         pH Units         Analyst: WF           8.16         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/08/24         05/12/24           ND         0.0500         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/08/24         05/12/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/08/24         05/12/24           ND         25.0         1         05/10/24         05/14/24           ND         50.0         1</td>	Result         Limit         Dilution         Prepared         Analyzed           pH Units         pH Units         Analyst: WF           8.16         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/08/24         05/12/24           ND         0.0500         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/08/24         05/12/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/08/24         05/12/24           ND         25.0         1         05/10/24         05/14/24           ND         50.0         1



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-64 E405110-04

		E403110-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Ana	lyst: WF		Batch: 2420059
pH @25°C	8.21		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	0.0417	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		116 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2420031
Chloride	40.2	20.0	1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-65 E405110-05

		E403110-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	yst: WF		Batch: 2420059
рН @25°C	8.16		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	ND	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		113 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2420031
Chloride	41.4	20.0	1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

### FL-66

		E405110-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	vst: WF		Batch: 2420059
рН @25°C	8.23		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	ND	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2420031
Chloride	40.9	20.0	1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-67 E405110-07

		E403110-07				
Analyte	Result	Reporting Limit	Dilution	ı Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Ana	ılyst: WF		Batch: 2420059
рН @25°C	8.24		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	ND	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2420031
Chloride	45.9	20.0	1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-68

E40		

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420059
рН @25°C	8.52			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: EG		Batch: 2419134
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420031
Chloride	31.3	20.0		1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-69 E405110-09

		E403110-07				
		Reporting	B.11			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	yst: WF		Batch: 2420059
pH @25°C	8.39		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	ND	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2420031
Chloride	31.6	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-70 E405110-10

		E403110-10					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420059
рН @25°С	8.44			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: EG		Batch: 2419134
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	0.0412	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	46.1	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		113 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420031
Chloride	45.9	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-71 E405110-11

		E405110-11					
Analysis	Result	Reporting Limit	Dilu	tion	Prepared	Amalyzad	Notes
Analyte	Resuit	Limit	Dilu	tion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst:	WF		Batch: 2420059
рН @25°C	8.22		1	Į	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	-	Analyst:	EG		Batch: 2419134
Benzene	ND	0.0250	1		05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1		05/08/24	05/12/24	
Toluene	0.0501	0.0250	1		05/08/24	05/12/24	
o-Xylene	ND	0.0250	1		05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1		05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1		05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2419188
Diesel Range Organics (C10-C28)	47.0	25.0	1		05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2420031
Chloride	34.9	20.0	1		05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-72

		E405110-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	yst: WF		Batch: 2420059
pH @25°C	8.25		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	ND	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	68.2	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2420031
Chloride	25.7	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-73 E405110-13

		E403110-13				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	yst: WF		Batch: 2420059
pH @25°C	8.59		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	ND	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	135	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2420031
Chloride	33.0	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-74

		E405110-14				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
,				alyst: WF	111111111111111111111111111111111111111	Batch: 2420059
Wet Chemistry by EPA 9045D	pH Units	pH Units	1 Alik	05/14/24	05/14/24	Batch: 2420039
pH @25°C	8.84		1	03/14/24	03/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	0.0385	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	148	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		113 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2420031

20.0

05/13/24

05/14/24

30.3



Chloride

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-75 E405110-15

Analyte	Result	Reporting Limit	Dilution	ı Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Ana	ılyst: WF		Batch: 2420059
рН @25°C	9.11	•	1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	ND	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	131	25.0	1	05/10/24	05/14/24	T16
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2420031
Chloride	38.5	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-76

		E405110-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	lyst: WF		Batch: 2420059
рН @25°C	8.49		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	0.0270	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	28.4	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2420031
Chloride	27.8	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-77

		E405110-17				
		Reporting	50.0			
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	nalyst: WF		Batch: 2420059
рН @25°С	9.23		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	ND	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	378	25.0	1	05/10/24	05/14/24	T16
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		110 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2420031

20.0

05/13/24

05/14/24

51.5



Chloride

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-78

#### E405110-18

Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst: WF		<u> </u>	Batch: 2420059
рН @25°C	8.45	_		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: EG			Batch: 2419134
Benzene	0.0295	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	0.0787	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	131	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		115 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420031
Chloride	24.6	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-79 E405110-19

		E405110-19				
	D. I.	Reporting	D". ("	D. I		N
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Ana	alyst: WF		Batch: 2420059
pH @25°C	8.24		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: EG		Batch: 2419134
Benzene	0.0278	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	0.0724	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	87.8	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2420031
Chloride	38.9	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-80

		E405110-20				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	Analyst: WF		Batch: 2420059
pH @25°С	8.88		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	ND	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	834	25.0	1	05/10/24	05/14/24	T16
Oil Range Organics (C28-C36)	188	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2420031
Chloride	56.2	20.0	1	05/13/24	05/14/24	



# **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:	7138_Red_Hills_2_Amine_Spill 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

Wet	Chemistry	bv /	EPA	9045D

Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	Notes

LCS (2420059-BS1)				Prepared: 0	05/14/24 Analyzed: 05/14/24	
pH	7.91	8.00	98.9	98.75-101.25		
<b>Duplicate (2420059-DUP1)</b>			Source: E405110-	-01 Prepared: 0	5/14/24 Analyzed: 05/14/24	
рН	8.16		8.15	0.184	20	



#### **QC Summary Data**

7138 Red Hills 2 Amine Spill Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 5/15/2024 4:48:22PM **Volatile Organics by EPA 8021B** Analyst: EG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2419134-BLK1) Prepared: 05/08/24 Analyzed: 05/12/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.36 8.00 92.0 70-130 LCS (2419134-BS1) Prepared: 05/08/24 Analyzed: 05/12/24 4.49 89.8 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.75 0.0250 5.00 94.9 70-130 4.78 0.0250 5.00 95.7 70-130 Toluene 97.3 o-Xylene 4.86 0.0250 5.00 70-130 9.79 10.0 97.9 70-130 0.0500 p.m-Xvlene 97.7 70-130 14.7 15.0 Total Xylenes 0.0250 8.00 93.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.49 Matrix Spike (2419134-MS1) Source: E405110-01 Prepared: 05/08/24 Analyzed: 05/12/24 4.59 0.0250 5.00 ND 54-133 Benzene ND 97.3 61-133 Ethylbenzene 4.86 0.0250 5.00 Toluene 4.90 0.0250 5.00 ND 98.1 61-130 4.99 ND 99.8 63-131 5.00 0.0250 o-Xylene p,m-Xylene 10.0 0.0500 10.0 ND 100 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.46 8.00 Matrix Spike Dup (2419134-MSD1) Source: E405110-01 Prepared: 05/08/24 Analyzed: 05/12/24 4.47 0.0250 5.00 ND 89.3 54-133 2.70 61-133 2.09 4.76 0.0250 5.00 ND 95.3 20 Ethylbenzene

61-130

63-131

63-131

63-131

70-130

2 23

1.90

2.04

1.99

20

20

20

20



4 80

4.89

9.83

14.7

7.46

0.0250

0.0250

0.0500

0.0250

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

959

97.9

98.3

98.1

93.2

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

#### **QC Summary Data**

 Targa
 Project Name:
 7138\_Red\_Hills\_2\_Amine\_Spill
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 5/15/2024 4:48:22PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis					5/15/2024 4:48:22PM
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: EG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2419134-BLK1)							Prepared: 0	5/08/24 Ar	nalyzed: 05/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.81		8.00		110	70-130			
LCS (2419134-BS2)							Prepared: 0	5/08/24 Ar	nalyzed: 05/12/24
Gasoline Range Organics (C6-C10)	55.7	20.0	50.0		111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.87		8.00		111	70-130			
Matrix Spike (2419134-MS2)				Source:	E405110-0	)1	Prepared: 0	5/08/24 Ar	nalyzed: 05/12/24
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.81		8.00		110	70-130			
Matrix Spike Dup (2419134-MSD2)				Source:	E405110-0	)1	Prepared: 0	5/08/24 Ar	nalyzed: 05/12/24

50.0

8.00

ND

108

109

54.2

8.70

20.0

0.825

70-130

70-130

20

# **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:	7138_Red_Hills_2_Amine_Spill 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis				5/	15/2024 4:48:22PM		
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: KM		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes		
Blank (2419188-BLK1)							Prepared: 0:	5/10/24 Ana	lyzed: 05/14/24		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	55.7		50.0		111	50-200					
LCS (2419188-BS1)							Prepared: 0	5/10/24 Ana	lyzed: 05/14/24		
Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132					
Surrogate: n-Nonane	56.0		50.0		112	50-200					
LCS Dup (2419188-BSD1)							Prepared: 0	5/10/24 Ana	lyzed: 05/14/24		
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132	0.0987	20			
Surrogate: n-Nonane	57.0		50.0		114	50-200					

Chloride

#### **QC Summary Data**

Targa 12600 WCR 91 Midland TX, 79707	Project Name: Project Number: Project Manager	2	7138_Red_Hills 21102-0001 Brett Dennis	s_2_Amin	<b>Reported:</b> 5/15/2024 4:48:22PM				
		Anions	by EPA	300.0/9056 <i>A</i>	<b>\</b>				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2420031-BLK1)							Prepared: 0	5/13/24 Ana	alyzed: 05/13/24
Chloride	ND	20.0							
LCS (2420031-BS1)							Prepared: 0	5/13/24 Ana	alyzed: 05/13/24
Chloride	253	20.0	250		101	90-110			
LCS Dup (2420031-BSD1)							Prepared: 0	5/13/24 Ana	alyzed: 05/13/24

250

20.0

101

90-110

0.206

253

#### QC Summary Report Comment:

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



### **Definitions and Notes**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 16:48

The results for this petroleum hydrocarbon analysis is elevated due to the presence of a single analyte peak in the quantitation range.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Info	rmation						Chain c	of Custody												F	age 7	_ of _10	Receivea
Client:	Tare	a Resour	ces				Bill To				La	b Us	e On	V				TA	T		EPA Pi	ogram	by
Project: 713	Targ	tills_2.	Amine	-Spill	Attention	<u>n:</u> <u>Am</u>	ber Groves		Lab	¥05		10	Job N	Jumb	er	1D	2D	3D	Star	ndard	CWA	SDWA	9
Project Ma	nager: E	Brett Den	<u>nis</u>		Address:		1 S 4th St.		EL	105	Ш		2111	02-	-000					Х			] 6
Address:		V. Marlar			City, Stat	e, Zip: Art	esia, NM			·			Analy:	sis an	d Meth	od						RCRA	-
City, State, 325-660-73		os, NM 88	3240		Phone: Email:		uas@targarasau	*****		20											State	<b>-</b>	-13
		.com: bbast	os@tasman-i	geo.com; Iflores@ta	*PO Pend		ves@targaresou	ices.com		0/0	_			0.		Σ			N	и со	UT AZ	TX	/2024
Report due					TOTELL	- A				O/DR	, 802		6010	300 a		1		X		×			24
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	H	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks		8:38:36 AM
1:50	05.06.24	S	1		FL	-61				Х	Х	Х		Х									6 4
1:55	05.06.24	S	1		FL	-62		2		х	х	Х		х									
1:55	05.06.24	S	1		FL	-63		3		х	х	Х		Х									
1:55	05.06.24	S	1		FL	-64		4		Х	Х	Х		Х									
2:00	05.06.24	S	1	_	FL	-65		5	P. C.	Х	Х	X		Х									
2:00	05.06.24	S	1			-66		6		Х	х	Х		Х	_								
2:00	05.06.24	S	1			-67		7		Х	Х	Х		х									
2:05	05.06.24	S	1			-68		8		Х	Х	Х		Х									
2:05	05.06.24	S	1			-69		9		Х	Х	Х		Х									
2:05	05.06.24	S	1		FL	-70		10		Х	Х	X		Х									
Additional	Instructions	5:																					
I, (field sampler	), attest to the va	alidity and a	uthenticity of d and may be	this sample. I am aw	vare that tampering	g with or inte	ntionally mislabelling to	he sample locat	), 0148	51 <b>6</b> 5	<b>,</b>				- 17 Company					ice the day 6 °C on subse	they are samp quent days.	led or	1
Kelingniished	by (signature)	1	05.07	7.24 Time	79 Regge	yed by: (Sig	e Goozales	Date		Time	20					-		se Onl	ly	1 8			1
100								8 7/0	17	15	29		Rece	ived	on ice:	C	)/ N						
Refinquimed	by: (Signature)	anles	Date	7-24 Time	BOS Recei	ved by: (Sig	gnature)	Date ≤ ·1.	24	14	30	5	T1			T2			Т	.3			
Relinquiched	by: (Signature)	A May	Date	Time	Recei	ved by: (Sig	gnature)	Date	•	Time	<i>/ \</i>	_	11			12			Ė				
c t.	1.		5	.7.24 20	100 K	nul	1 Hall	5-8-	24	03	UE	5	AVG	Tem	p°C_	1							
1. C. C. C. C. B. C.	S - Soil, Sd - Solid		CLEAR CONTRACT THE PART OF THE	s, <b>O</b> - Other	_	//	/- /-	Containe		e: <b>g -</b> g	glass,	<b>p</b> - p											]
							ide. Hazardous sam						ed of a	at the	client ex	pense.	The r	eport f	or the a	analysis of	the above	samples is	P
applicable on	y to those sam	hies receiv	ed by the la	ouratory with this	coc. The hability	or the labo	oratory is limited to t	me amount par	u 101 0	ar che f	chort												-ge
							Page :	32 of 34					3	(	e	n	V		rc	) t	e	cł	279 of 3
							<b>3</b> -																4

roject Info	mation				Chain of	Custody										Pa	age <u>8</u>	of 10
Client:	Targa	Resource	ces		Bill To				ab U	se Or	nlv			TA	ΛT.		EPA Pi	rogram
roject: 71	38_Red_	Hills_	2-Ami	ne-Soill	Attention: Amber Groves		Lab WC	#	0.54	Job	Number		2D	3D	Stan	dard	CWA	SDWA
Project Mar	ager: Bi	rett Denr	<u>nis</u>		Address: 201 S 4th St.		E 40	5110	)	211	02-000	(			)	(		2021
Address:		. Marlan			City, State, Zip: Artesia, NM				_	Analy	sis and Meth	od	_					RCRA
olty, State, <i>i</i> Phone:	Zip: Hobb	s, NIVI 88	240		Phone: Email: agroves@targaresour	coc com	2								700		State	
	is@tasman-geo.d	com: bbasto	s@tasman-ge	eo.com; lflores@tas	*PO Pending*	ces.com	0/0	1			0.	Σ		.	N	м со	UT AZ	TX
Report due					- Continue		O/DR	L5 by 8021		6010	300	- 1		¥		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/ORO	BTEX by	H	Metals 6010	Chloride 300.0	BGDOC		GDOC			Remarks	
2:10	05.06.24	S	1		FL-71	11	Х		Х		х							
2:10	05.06.24	S	1		FL-72	12	х	Х	х		х							
2:10	05.06.24	S	1		FL-73	13	х	Х	х		х							
2:15	05.06.24	S	1		FL-74	14	х	Х	Х		х							
2:15	05.06.24	S	1		FL-75	15	. X	Х	х		х							
2:20	05.06.24	S	1		FL-76	16	х	Х	х		х							
2:20	05.06.24	S	1		FL-77	17	х	Х	х		х							
2:20	05.06.24	S	1		FL-78	18	х	Х	х		х							
2:20	05.06.24	S	1		FL-79	19	х	Х	х		х							
2:25	05.06.24	S	1		FL-80	20	х	Х	х		х							
Additional	nstructions														•			
, (field sampler)	, attest to the val	idity and aut	thenticity of t	his sample. I am aware rounds for legal action.	that tampering with or intentionally mislabelling the	sample location	4570	5		3177	es requiring therm ed packed in ice at							oled or
elipodished b	(Signature)	20	05.07			Date 2 3			9	Rec	eived on ice		Lab U		ly			
Miche	y: (Signature)	res	Date 5	Time	Received by: (Signature)	Date 5.7.	Time	80		T1		T2	,		Та	3		
Relinquished b	y: (Signature)		Date	Time	Received by: (Signature)	Date 5-8-2	Tim	40			Temp °C_	+						
Sample Matrix:	5 - Soil, <b>Sd</b> - Solid,	Sg - Sludge,		100	11/1/11/11	Containe		_			lastic, ag - ar	nber gl	ass, v	- VOA	i)			
Note: Samples	are discarded	30 days aft	er results ar	e reported unless otl	ner arrangements are made. Hazardous samp					ed of a	t the client exp	ense.	The re	port fo	or the an	alysis of	the above s	amples is



Printed: 5/9/2024 3:40:51PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Targa	Date Received:	05/08/24 0	5:00	We	ork Order ID:	E405110
Phone:	(432) 999-8675	Date Logged In:	05/07/24 1	7:45	Lo	ogged In By:	Alexa Michaels
Email:	bdennis@tasman-geo.com	Due Date:	05/14/24 1	7:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		Yes			Comment	s/Resolution
Sample T	Curn Around Time (TAT)			I			
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project 7138_	_Red_Hills	2_Amine_Spill
Sample C	Cooler				has been sepa	arated into	multiple
	sample cooler received?		Yes		1 ^		sample volume.
	was cooler received in good condition?		Yes			•	5107, 405108,
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		l		*
	custody/security seals present?		No		405109, 4051	110, 40511	1,
	were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15	Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
_	<u>Container</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers		Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lab 20. Were	o <u>el</u> field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	'			
	Preservation		Yes				
	the COC or field labels indicate the samples were pr	ecerved?	No				
	ample(s) correctly preserved?	escived:	NA				
	filteration required and/or requested for dissolved n	netals?	No				
			110				
_	se Sample Matrix the sample have more than one phase, i.e., multipha	22	NI-				
	, does the COC specify which phase(s) is to be analy		No				
-		/zeu:	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	-	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	o: NA		
Client Ir	<u>nstruction</u>						
1							

Report to:
Brett Dennis







5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

# **Analytical Report**

### Targa

Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill

Work Order: E405110

Job Number: 21102-0001

Received: 5/8/2024

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 5/15/24

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

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

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

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

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

Date Reported: 5/15/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 7138 Red Hills 2 Amine Spill

Workorder: E405110

Date Received: 5/8/2024 5:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2024 5:00:00AM, under the Project Name: 7138 Red Hills 2 Amine Spill.

The analytical test results summarized in this report with the Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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### Sample Summary

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	Keporteu.
Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 16:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL-61	E405110-01A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-62	E405110-02A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-63	E405110-03A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-64	E405110-04A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-65	E405110-05A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-66	E405110-06A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-67	E405110-07A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-68	E405110-08A	Soil	05/07/24	05/08/24	Glass Jar, 2 oz.
FL-69	E405110-09A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-70	E405110-10A	Soil	05/07/24	05/08/24	Glass Jar, 2 oz.
FL-71	E405110-11A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-72	E405110-12A	Soil	05/07/24	05/08/24	Glass Jar, 2 oz.
FL-73	E405110-13A	Soil	05/07/24	05/08/24	Glass Jar, 2 oz.
FL-74	E405110-14A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-75	E405110-15A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-76	E405110-16A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-77	E405110-17A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-78	E405110-18A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-79	E405110-19A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-80	E405110-20A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-61 E405110-01

Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
				•	1 11111 200	Batch: 2420059
8.15	pii oiiio		-	05/14/24	05/14/24	544411 2 12000 y
mg/kg	mg/kg		Analyst	EG		Batch: 2419134
ND	0.0250	1	1	05/08/24	05/12/24	
ND	0.0250	1	1	05/08/24	05/12/24	
ND	0.0250	1	1	05/08/24	05/12/24	
ND	0.0250	1	1	05/08/24	05/12/24	
ND	0.0500	1	1	05/08/24	05/12/24	
ND	0.0250	1	1	05/08/24	05/12/24	
	92.4 %	70-130		05/08/24	05/12/24	
mg/kg	mg/kg		Analyst	EG		Batch: 2419134
ND	20.0	1	1	05/08/24	05/12/24	
	109 %	70-130		05/08/24	05/12/24	
mg/kg	mg/kg		Analyst	KM		Batch: 2419188
ND	25.0	1	1	05/10/24	05/14/24	
ND	50.0	1	1	05/10/24	05/14/24	
	108 %	50-200		05/10/24	05/14/24	
mg/kg	mg/kg		Analyst	DT		Batch: 2420031
29.7	20.0	1	1	05/13/24	05/13/24	
	pH Units  8.15  mg/kg  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	Result         Limit           pH Units         pH Units           8.15         mg/kg           MD         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           ND         20.0           109 %         mg/kg           Mg/kg         mg/kg           ND         25.0           ND         50.0           108 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dile           pH Units         pH Units           8.15         mg/kg           MD         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.04 %           70-130         mg/kg           MD         20.0           109 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           108 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           pH Units         pH Units         Analysts           8.15         1         Analysts           mg/kg         mg/kg         Analysts           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           MD         0.0250         1           Mg/kg         mg/kg         Analysts           Mg/kg         mg/kg         Analysts           ND         20.0         1           ND         25.0         1           ND         50.0         1           ND         50.200         1	Result         Limit         Dilution         Prepared           pH Units         pH Units         Analyst: WF           8.15         1         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/08/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/08/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/10/24           ND         25.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10/24           Mg/kg         Mg/kg <t< td=""><td>Result         Limit         Dilution         Prepared         Analyzed           pH Units         pH Units         Analyst: WF           8.15         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/08/24         05/12/24           ND         0.0500         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/08/24         05/12/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/08/24         05/12/24           ND         25.0         1         05/10/24         05/14/24           ND         50.0         1</td></t<>	Result         Limit         Dilution         Prepared         Analyzed           pH Units         pH Units         Analyst: WF           8.15         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/08/24         05/12/24           ND         0.0500         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/08/24         05/12/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/08/24         05/12/24           ND         25.0         1         05/10/24         05/14/24           ND         50.0         1

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-62

		E405110-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analyst: WF		Batch: 2420059	
pH @25°C	8.19		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: EG			Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	ND	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2420031
Chloride	33.1	20.0	1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-63 E405110-03

		E403110-03					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	WF		Batch: 2420059
рН @25°С	8.16			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	EG		Batch: 2419134
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/10/24	05/14/24	
Surrogate: n-Nonane		110 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	DT		Batch: 2420031
Chloride	36.6	20.0		1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

		E405110-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	rst: WF		Batch: 2420059
pH @25°C	8.21		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	0.0417	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		112 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		116 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2420031
Chloride	40.2	20.0	1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

		E405110-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	yst: WF		Batch: 2420059
pH @25°C	8.16		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	ND	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.0 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		113 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2420031
Chloride	41.4	20.0	1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

		E405110-06				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	rst: WF		Batch: 2420059
pH @25°C	8.23		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	ND	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2420031
Chloride	40.9	20.0	1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-67 E405110-07

		E403110-07					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420059
рН @25°С	8.24			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: EG		Batch: 2419134
Benzene	ND	0.0250		1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/12/24	
Toluene	ND	0.0250		1	05/08/24	05/12/24	
o-Xylene	ND	0.0250		1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130		05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420031
Chloride	45.9	20.0		1	05/13/24	05/13/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

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Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
pH Units	pH Units	Ar	nalyst: WF		Batch: 2420059
8.52		1	05/14/24	05/14/24	
mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2419134
ND	0.0250	1	05/08/24	05/12/24	
ND	0.0250	1	05/08/24	05/12/24	
ND	0.0250	1	05/08/24	05/12/24	
ND	0.0250	1	05/08/24	05/12/24	
ND	0.0500	1	05/08/24	05/12/24	
ND	0.0250	1	05/08/24	05/12/24	
	93.2 %	70-130	05/08/24	05/12/24	
mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2419134
ND	20.0	1	05/08/24	05/12/24	
	109 %	70-130	05/08/24	05/12/24	
mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2419188
ND	25.0	1	05/10/24	05/14/24	
ND	50.0	1	05/10/24	05/14/24	
	111 %	50-200	05/10/24	05/14/24	
mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2420031
31.3	20.0	1	05/13/24	05/13/24	
	pH Units  8.52  mg/kg  ND  ND  ND  ND  ND  ND  ND  ND  MD  Mg/kg  ND  mg/kg  ND  mg/kg	Result         Limit           pH Units         pH Units           8.52         mg/kg           MD         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           MD         20.0           109 %         mg/kg           MD         25.0           ND         50.0           111 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           pH Units         pH Units         Ar           8.52         1           mg/kg         mg/kg         Ar           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           mg/kg         mg/kg         Ar           ND         20.0         1           109 %         70-130           mg/kg         mg/kg         Ar           ND         25.0         1           ND         50.0         1           ND         50-200         1	Result         Limit         Dilution         Prepared           pH Units         pH Units         Analyst: WF           8.52         1         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0500         1         05/08/24           ND         0.0250         1         05/08/24           ND         0.0250         1         05/08/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/08/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/08/24           ND         25.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1         05/10/24           ND         50.0         1<	Result         Limit         Dilution         Prepared         Analyzed           pH Units         pH Units         Analyst: WF           8.52         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/08/24         05/12/24           ND         0.0500         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           ND         0.0250         1         05/08/24         05/12/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/08/24         05/12/24           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         05/08/24         05/12/24           ND         25.0         1         05/10/24         05/14/24           ND         50.0         1



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-69 E405110-09

		E403110-07				
		Reporting	B			
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	yst: WF		Batch: 2420059
pH @25°C	8.39		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	ND	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	ND	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2420031
Chloride	31.6	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-70 E405110-10

		E405110-10				
A 1.	D. I	Reporting	D'1 - '	D .		N.
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Ana	alyst: WF		Batch: 2420059
pH @25°C	8.44		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	0.0412	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	46.1	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		113 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2420031
Chloride	45.9	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-71 E405110-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	st: WF	,	Batch: 2420059
pH @25°C	8.22	1	1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/12/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/12/24	
Toluene	0.0501	0.0250	1	05/08/24	05/12/24	
o-Xylene	ND	0.0250	1	05/08/24	05/12/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/12/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/12/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/08/24	05/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	47.0	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2420031
Chloride	34.9	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

		E405110-12					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	yst: WF		Batch: 2420059	
pH @25°C	8.25		1	05/14/24	05/14/24		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134	
Benzene	ND	0.0250	1	05/08/24	05/13/24		
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24		
Toluene	ND	0.0250	1	05/08/24	05/13/24		
o-Xylene	ND	0.0250	1	05/08/24	05/13/24		
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24		
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24		
Surrogate: 4-Bromochlorobenzene-PID		94.0 %	70-130	05/08/24	05/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/08/24	05/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2419188	
Diesel Range Organics (C10-C28)	68.2	25.0	1	05/10/24	05/14/24		
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24		
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2420031	
Chloride	25.7	20.0	1	05/13/24	05/14/24		



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-73 E405110-13

		2.00110 10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	yst: WF		Batch: 2420059
pH @25°C	8.59	-	1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	ND	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.0 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	135	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2420031
Chloride	33.0	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

		E405110-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	st: WF		Batch: 2420059
pH @25°C	8.84		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	0.0385	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	148	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		113 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2420031
Chloride	30.3	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

		E405110-15				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	st: WF		Batch: 2420059
pH @25°C	9.11		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	ND	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.5 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	131	25.0	1	05/10/24	05/14/24	T16
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		111 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2420031
Chloride	38.5	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

		E405110-16				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	An	alyst: WF		Batch: 2420059
рН @25°С	8.49		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	0.0270	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.7 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	28.4	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2420031
Chloride	27.8	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

		E405110-17				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Ar	nalyst: WF		Batch: 2420059
pH @25°C	9.23		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2419134
Benzene	ND	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	ND	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	378	25.0	1	05/10/24	05/14/24	T16
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		110 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: DT		Batch: 2420031
Chloride	51.5	20.0	1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-78

#### E405110-18

Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF	<u> </u>	Batch: 2420059
рН @25°C	8.45	_		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: EG		Batch: 2419134
Benzene	0.0295	0.0250		1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250		1	05/08/24	05/13/24	
Toluene	0.0787	0.0250		1	05/08/24	05/13/24	
o-Xylene	ND	0.0250		1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500		1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250		1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130		05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	131	25.0		1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/10/24	05/14/24	
Surrogate: n-Nonane		115 %	50-200		05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420031
Chloride	24.6	20.0		1	05/13/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-79 E405110-19

Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Aı	nalyst: WF		Batch: 2420059
рН @25°C	8.24		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: EG		Batch: 2419134
Benzene	0.0278	0.0250	1	05/08/24	05/13/24	
Ethylbenzene	ND	0.0250	1	05/08/24	05/13/24	
Toluene	0.0724	0.0250	1	05/08/24	05/13/24	
o-Xylene	ND	0.0250	1	05/08/24	05/13/24	
p,m-Xylene	ND	0.0500	1	05/08/24	05/13/24	
Total Xylenes	ND	0.0250	1	05/08/24	05/13/24	
Surrogate: 4-Bromochlorobenzene-PID		96.3 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: EG		Batch: 2419134
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/24	05/13/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	05/08/24	05/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2419188
Diesel Range Organics (C10-C28)	87.8	25.0	1	05/10/24	05/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/10/24	05/14/24	
Surrogate: n-Nonane		112 %	50-200	05/10/24	05/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: DT		Batch: 2420031
Chloride	38.9	20.0	1	05/13/24	05/14/24	<del></del>



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

#### FL-80

#### E405110-20 Reporting Analyte Result Limit Dilution Analyzed Prepared Notes pH Units pH Units Analyst: WF Batch: 2420059 Wet Chemistry by EPA 9045D 05/14/24 05/14/24 рН @25°C 8.88 mg/kg Analyst: EG Batch: 2419134 mg/kg Volatile Organics by EPA 8021B ND 0.0250 05/08/24 05/13/24 Benzene 1 05/08/24 05/13/24 Ethylbenzene ND 0.0250ND 1 05/08/24 05/13/24 0.0250 Toluene 05/08/24 05/13/24 1 ND o-Xylene 0.0250ND 05/08/24 05/13/24 0.0500 p,m-Xylene 05/08/24 05/13/24 1 ND 0.0250Total Xylenes Surrogate: 4-Bromochlorobenzene-PID 95.7 % 70-130 05/08/24 05/13/24 Analyst: EG Batch: 2419134 mg/kg mg/kg Nonhalogenated Organics by EPA 8015D - GRO ND 20.0 1 05/08/24 05/13/24 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 05/08/24 05/13/24 108 % 70-130 Analyst: KM Batch: 2419188 mg/kg mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 834 25.0 05/10/24 05/14/24 T16 Diesel Range Organics (C10-C28) 05/10/24 05/14/24 50.0 1 Oil Range Organics (C28-C36) 188 111 % 05/10/24 05/14/24 Surrogate: n-Nonane 50-200 Analyst: DT Batch: 2420031 Anions by EPA 300.0/9056A mg/kg mg/kg

20.0

56.2

05/13/24

05/14/24



Chloride

## **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:	7138_Red_Hills_2_Amine_Spill 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

	Wet	Chemistry	by EPA	.9045D
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Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	Notes

LCS (2420059-BS1)				Prepared: 05/14/24 Analyzed: 05/14/24
рН	7.91	8.00	98.9 98.75	101.25
<b>Duplicate (2420059-DUP1)</b>			Source: E405110-01	Prepared: 05/14/24 Analyzed: 05/14/24
nH	8.16		8.15	0.184 20



## **QC Summary Data**

		QC Si	umma	my Dat	a				
Targa 12600 WCR 91		Project Name: Project Number:	2	138_Red_Hill 1102-0001	s_2_Amin	e_Spill			Reported:
Midland TX, 79707		Project Manager:	В	rett Dennis					5/15/2024 4:48:22PM
			Analyst: EG						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419134-BLK1)							Prepared: 0	5/08/24 A	Analyzed: 05/12/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			
LCS (2419134-BS1)							Prepared: 0	5/08/24 A	Analyzed: 05/12/24
Benzene	4.49	0.0250	5.00		89.8	70-130			
Ethylbenzene	4.75	0.0250	5.00		94.9	70-130			
Toluene	4.78	0.0250	5.00		95.7	70-130			
o-Xylene	4.86	0.0250	5.00		97.3	70-130			
p,m-Xylene	9.79	0.0500	10.0		97.9	70-130			
Total Xylenes	14.7	0.0250	15.0		97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.7	70-130			
Matrix Spike (2419134-MS1)				Source:	E405110-	01	Prepared: 0	5/08/24 A	Analyzed: 05/12/24
Benzene	4.59	0.0250	5.00	ND	91.8	54-133			
Ethylbenzene	4.86	0.0250	5.00	ND	97.3	61-133			
Toluene	4.90	0.0250	5.00	ND	98.1	61-130			
o-Xylene	4.99	0.0250	5.00	ND	99.8	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.2	70-130			
Matrix Spike Dup (2419134-MSD1)				Source:	E405110-	01	Prepared: 0	5/08/24 A	Analyzed: 05/12/24
Benzene	4.47	0.0250	5.00	ND	89.3	54-133	2.70	20	
Ethylbenzene	4.76	0.0250	5.00	ND	95.3	61-133	2.09	20	

5.00

5.00

10.0

15.0

0.0250

0.0250

0.0500

0.0250

ND

ND

ND

ND

95.9

97.9

98.3

98.1

93.2

61-130

63-131

63-131

63-131

70-130

2.23

1.90

2.04

1.99

20

20

20

20



Toluene

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

4.80

4.89

9.83

14.7

Surrogate: 1-Chloro-4-fluorobenzene-FID

## **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number:	7138_Red_Hills_2_Amine_Spill 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

Midland TX, 79707		Project Manager		ett Dennis				:	5/15/2024 4:48:22PM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: EG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2419134-BLK1)							Prepared: 0	5/08/24 Ar	nalyzed: 05/12/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.81		8.00		110	70-130			
LCS (2419134-BS2)							Prepared: 0	5/08/24 Ar	nalyzed: 05/12/24
Gasoline Range Organics (C6-C10)	55.7	20.0	50.0		111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.87		8.00		111	70-130			
Matrix Spike (2419134-MS2)				Source:	E405110-	01	Prepared: 0	5/08/24 Ar	nalyzed: 05/12/24
Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.81		8.00		110	70-130			
Matrix Spike Dup (2419134-MSD2)				Source:	E405110-	01	Prepared: 0	5/08/24 Ar	nalyzed: 05/12/24
Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130	0.825	20	

8.00

8.70

109

70-130

## **QC Summary Data**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	5/15/2024 4:48:22PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis				5.	15/2024 4:48:22PM
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	/0	/0	/0	/0	Notes
Blank (2419188-BLK1)							Prepared: 0	5/10/24 Ana	llyzed: 05/14/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.7		50.0		111	50-200			
LCS (2419188-BS1)							Prepared: 0	5/10/24 Ana	llyzed: 05/14/24
Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132			
Surrogate: n-Nonane	56.0		50.0		112	50-200			
LCS Dup (2419188-BSD1)							Prepared: 0	5/10/24 Ana	llyzed: 05/14/24
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132	0.0987	20	
Surrogate: n-Nonane	57.0		50.0		114	50-200			

Chloride

#### **QC Summary Data**

Targa 12600 WCR 91	Project Name: Project Number		7138_Red_Hill: 21102-0001	s_2_Amin		Reported:				
Midland TX, 79707		Project Manager	r:	Brett Dennis		5/15/2024 4:48:22PM				
		Anions	by EPA	300.0/9056	4				Analyst: DT	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2420031-BLK1)							Prepared: 0	5/13/24 Ar	nalyzed: 05/13/24	
Chloride	ND	20.0								
LCS (2420031-BS1)							Prepared: 0	5/13/24 Ar	nalyzed: 05/13/24	
Chloride	253	20.0	250		101	90-110				
LCS Dup (2420031-BSD1)							Prepared: 0	5/13/24 Ar	nalyzed: 05/13/24	

250

20.0

101

90-110

0.206

20

253

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

	Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
١	12600 WCR 91	Project Number:	21102-0001	Reported:
١	Midland TX, 79707	Project Manager:	Brett Dennis	05/15/24 16:48

The results for this petroleum hydrocarbon analysis is elevated due to the presence of a single analyte peak in the quantitation range.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



roject Info	rmation					Chain of C	Custody												Р	age <u>7</u>	_ of _1(	Receivea
Client:	Targ	a Resour	ces			Bill To				La	b Us	e Onl	v		8		TA	Т		EPA P	ogram	by
Project: 713	Targ B_Red-H	tills_2.	Amine	-Spill	Attention:	Amber Groves		Lab y	NO#		W. Car	Job N	Jumh	er	1D	2D	3D	Stan	dard	CWA	SDWA	0
Project Mar	nager: B	rett Den	<u>nis</u>		Address:		EH	05	11		2111	02-	000				>	(			]8	
Address:		V. Marlar		i i	Artesia, NM		<u> </u>				Analy	sis an	d Metho	od T	г -					RCRA	- 1	
City, State, 325-660-73		s, NM 88	8240		Phone: Email: ag	-auga @taraaraaauraa			<u>و</u> ا											State		-13
		.com: bbasti	os@tasman-i	geo.com; Iflores@ta	*PO Pending*	roves@targaresource	es.com	3	0/0	_			0.		ΣZ			NI	м со Г	UT AZ	TX	/2024
Report due				TOTEMONIS				O/DR	, 802		6010	9300 a		1		¥	-	<			24	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	-	TPH GRO/DRO/ORO by 8015	BTEX by 8021	Ŧ	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks		8:38:36 AM
1:50	05.06.24	S	1		FL-61				Х	Х	Х		Х									6 A.
1:55	05.06.24	S	1		FL-62		2		х	х	х		х									
1:55	05.06.24	S	1		FL-63		3		Х	Х	х		Х									
1:55	05.06.24	S	1		FL-64		4		Х	х	Х		Х				_					
2:00	05.06.24	S	1	_	FL-65		5		Х	Х	Х		Х									
2:00	05.06.24	S	1		FL-66		6		Х	Х	Х		х									
2:00	05.06.24	S	1		FL-67		7		Х	Х	X		Х									
2:05	05.06.24	S	1		FL-68		8		х	х	X		Х									
2:05	05.06.24	S	1		FL-69		9		х	Х	Х		Х									
2:05	05.06.24	S	1		FL-70		10		Х	Х	Х		х									
Additional	Instructions	::																				
I, (field sampler	), attest to the va	alidity and au	uthenticity of	this sample. I am aw grounds for legal acti	are that tampering with or	intentionally mislabelling the s	ample location	n, )48	765	,										hey are samp quent days.	led or	1
religatished t	y (signature)	1-	05.07			(Signatura)	Date		Time						L	ab Us	se Onl	ly				ā
100		17/9	7 1	13	29		Rece	ived	on ice:	CY	)/ N						A					
Relinquished b	y: (Signature)	. 0	Date	7-24 Time	Received by:	(Signature)	Date ≤ ·7.	1.4	Time 17	30	<	T4			т.							
Relinquished to	oy: (Signature)	gnles	Date	Time	Received by:	(Signature)	Date		Time	70-	_	<u>T1</u>			<u>T2</u>		1	_ <u>T</u> 3				
14	/ (Signature)		100000000000000000000000000000000000000	.7.24 24	las Kerry	1 1 4111	5-83	24	03	de	5	AVG	Tem	°C (	1							
Sample Matrix:	S - Soil, Sd - Solic	d, <b>Sg</b> - Sludge		s, O - Other	130/1	11 1100	Containe					/ Number of	100000000000000000000000000000000000000		ber gla	ass, v	- VOA					1
						made. Hazardous sample						ed of a	at the	client exp	ense.	The r	eport f	or the a	nalysis of	the above	samples is	7
applicable onl	y to those sam	ples receiv	ed by the la	boratory with this (	COC. The liability of the I	aboratory is limited to the	amount paid	for on	the r	eport		-										age
						Page 32	of 34					3	(	eı	1	V	i	rC	t	e	ch	313 of 364

roject Infor	mation						Cha	ain of Cus	stody												Р	age <u>8</u>	_of_10
lient:	Targa	Resource	PS				Bill To				Table 1	la	hlls	e Or	lv				TA	AT.		EPA P	rogram
roject: 71	38_Red_	Hills_	2- Ami	ne-Soill	Attent	tion:	Amber Groves			Lab W	0#				Num	ber	1D	2D	3D		ndard	CWA	SDWA
roject Mar	ager: Bi	rett Denr	<u>nis</u>		Addres		201 S 4th St.			E40	51	10		211	02.	-000					X		
Address:		. Marlan					Artesia, NM				0			Analy	sis ar	nd Meth	od						RCRA
	Zip: Hobb	s, NM 88	240		Phone					0												<u> </u>	
hone:		F 1	-		Email:		groves@targare	esources	.com	J/OR							_				NIMI CO	State UT AZ	TV
Report due		com; bbasto	s@tasman-ge	o.com; Iflores@tas	*PO P6	ending*				/DRC		3021		010	300.0		Σ		×	-	×	UI AZ	1
		***	No. of	G1-1D					Lab	TPH GRO/DRO/ORO	015	BTEX by 8021		Metals 6010	Chloride 300.0		ВСВОС		ည		_ × 1	Damada	
Time Sampled	Date Sampled	Matrix	Containers	Sample ID					Number	TPH	by 8	BTE	PH	Met	Chlc		BGI		GDOC			Remarks	
2:10	05.06.24	S	1			FL-71			11	>		Х	X		Х								
2:10	05.06.24	S	1			FL-72			12	)	(	х	X		X								
2:10	05.06.24	S	1			FL-73			13	)	(	х	X		Х								
2:15	05.06.24	S	1			FL-74			14	)	(	х	Х		Х								
2:15	05.06.24	S	1			FL-75			15	. )	(	Х	Х		Х								
2:20	05.06.24	S	1			FL-76		7	16	)	(	х	х		Х								
2:20	05.06.24	S	1			FL-77			17	)	(	х	Х		Х								
2:20	05.06.24	S	1			FL-78			18	)	(	х	Х		Х								
2:20	05.06.24	S	1			FL-79			19	)	<	Х	Х		х								
2:25	05.06.24	S	1			FL-80		1/4	20	)	(	х	Х		Х								
dditional	nstructions:																						
(field sampler)	, attest to the val	idity and au	thenticity of t	his sample. I am aware	that tamperi	ing with or in	ntentionally mislabell	ling the sam	ple location,	مدت	<u> </u>			30%		and the same					on ice the day	they are samp	led or
	1		05.07				(Signature)		Date 572		-	39		Rec	eived	on ice		ab U		ıly			
elledished b	v: (Signature)	erlec	Date	Time		ecel Jed by:	(Signature)	MA	Date 5.7.	74 Tin	ne -	203		T1	vcu	On ice	T2				T3		
elinguished b	y: (Signature)	- ( - 8	Date	.7.24 70		eceived by:	(Signature)		Date 5-8-2	Tin	ne	ot			Tem	p°C_	1						
ample Matrix:	5 - Soil, <b>Sd</b> - Solid,	Sg - Sludge,	A - Aqueous	O - Other		11		61	Container	-	U						ber gl	ass, v	- VOA	(i)			
				e reported unless ot oratory with this CO									spose	d of a	t the d	client exp	ense.	The re	port fo	or the	analysis of	the above s	amples is

Printed: 5/9/2024 3:40:51PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Targa	Date Received:	05/08/24 05	:00	Work Order ID:	E405110
Phone:	(432) 999-8675	Date Logged In:	05/07/24 17	:45	Logged In By:	Alexa Michaels
Email:	bdennis@tasman-geo.com	Due Date:	05/14/24 17	:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
	Il samples received within holding time? Note: Analysis, such as pH which should be conducted is i.e, 15 minute hold time, are not included in this disucssi		Yes	,	Comments	/Resolution
	urn Around Time (TAT)				Project 7128 Ped Hills	2 Amina Snill
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Project 7138_Red_Hills	
Sample C	<del></del>				has been separated into a	•
	sample cooler received?		Yes		workorders due to high s	sample volume.
-	was cooler received in good condition?		Yes		WO are as follows:E405	107, 405108,
9. Was the	e sample(s) received intact, i.e., not broken?		Yes		405109, 405110, 405111	
10. Were	custody/security seals present?		No		103103, 103110, 103111	,
11. If yes,	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15	Yes			
13. If no v	visible ice, record the temperature. Actual sample	temperature: $4^{\circ}$	<u>C</u>			
Sample C	<del></del>					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers		Yes			
19. Is the a	appropriate volume/weight or number of sample contain	ners collected?	Yes			
	field sample labels filled out with the minimum info	ormation:				
	ample ID? ate/Time Collected?		Yes			
	ollectors name?		Yes Yes			
	reservation		168			
	the COC or field labels indicate the samples were p	reserved?	No			
	imple(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved n	netals?	No			
	se Sample Matrix		-			
	the sample have more than one phase, i.e., multipha	se?	No			
	does the COC specify which phase(s) is to be analy		NA			
-		yzeu.	IVA			
	act Laboratory	0				
	amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and i	-	No NA S	Subcontract Lab	: NA	
Client In	astruction_					
	<u> </u>					
1						
1						

Report to:
Brett Dennis







5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

## **Analytical Report**

## Targa

Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill

Work Order: E405111

Job Number: 21102-0001

Received: 5/8/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/16/24

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

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

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

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

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

Date Reported: 5/16/24

Brett Dennis 12600 WCR 91 Midland, TX 79707

Project Name: 7138 Red Hills 2 Amine Spill

Workorder: E405111

Date Received: 5/8/2024 5:00:00AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2024 5:00:00AM, under the Project Name: 7138 Red Hills 2 Amine Spill.

The analytical test results summarized in this report with the Project Name: 7138\_Red\_Hills\_2\_Amine\_Spill apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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## **Sample Summary**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	Reported.
Midland TX, 79707	Project Manager:	Brett Dennis	05/16/24 14:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FL-81	E405111-01A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-82	E405111-02A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-83	E405111-03A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-84	E405111-04A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-85	E405111-05A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-86	E405111-06A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-87 @1'	E405111-07A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-88 @1'	E405111-08A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-89 @1'	E405111-09A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-90	E405111-10A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-91	E405111-11A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-92	E405111-12A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-93	E405111-13A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-94	E405111-14A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.
FL-95	E405111-15A	Soil	05/06/24	05/08/24	Glass Jar, 2 oz.



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

#### FL-81 E405111-01

Batch: 2420071
/14/24
Batch: 2419147
/10/24
/10/24
/10/24
/10/24
/10/24
/10/24
/10/24
Batch: 2419147
/10/24
/10/24
Batch: 2420006
/15/24 T16
/15/24
/15/24
Batch: 2420046
/14/24



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

#### FL-82

#### E405111-02

		Reporting					
Analyte	Result	Limit	Dilut	ion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	Analyst: `	WF		Batch: 2420071
рН @25°C	9.17		1		05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: 1	EG		Batch: 2419147
Benzene	ND	0.0250	1		05/09/24	05/10/24	
Ethylbenzene	ND	0.0250	1		05/09/24	05/10/24	
Toluene	0.0288	0.0250	1		05/09/24	05/10/24	
o-Xylene	ND	0.0250	1		05/09/24	05/10/24	
p,m-Xylene	ND	0.0500	1		05/09/24	05/10/24	
Total Xylenes	ND	0.0250	1		05/09/24	05/10/24	
Surrogate: 4-Bromochlorobenzene-PID		91.6 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: 1	EG		Batch: 2419147
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/09/24	05/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: 1	KM		Batch: 2420006
Diesel Range Organics (C10-C28)	103	25.0	1		05/13/24	05/15/24	T16
Oil Range Organics (C28-C36)	ND	50.0	1		05/13/24	05/15/24	
Surrogate: n-Nonane		106 %	50-200		05/13/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: 1	DT		Batch: 2420046
Chloride	20.6	20.0	1		05/14/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

		E405111-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Analy	st: WF		Batch: 2420071
pH @25°C	9.23		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: EG		Batch: 2419147
Benzene	ND	0.0250	1	05/09/24	05/10/24	
Ethylbenzene	ND	0.0250	1	05/09/24	05/10/24	
Toluene	ND	0.0250	1	05/09/24	05/10/24	
o-Xylene	ND	0.0250	1	05/09/24	05/10/24	
p,m-Xylene	ND	0.0500	1	05/09/24	05/10/24	
Total Xylenes	ND	0.0250	1	05/09/24	05/10/24	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: EG		Batch: 2419147
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/09/24	05/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2420006
Diesel Range Organics (C10-C28)	366	25.0	1	05/13/24	05/15/24	T16
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/24	05/15/24	
Surrogate: n-Nonane		114 %	50-200	05/13/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2420046
Chloride	36.9	20.0	1	05/14/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

#### FL-84

#### E405111-04

		E403111-04					
Analyte	Result	Reporting Limit	Diluti	ion F	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	Analyst: WF			Batch: 2420071
рН @25°С	9.02		1	C	5/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: EG			Batch: 2419147
Benzene	ND	0.0250	1	0	5/09/24	05/10/24	
Ethylbenzene	ND	0.0250	1	C	5/09/24	05/10/24	
Toluene	ND	0.0250	1	C	5/09/24	05/10/24	
o-Xylene	ND	0.0250	1	C	5/09/24	05/10/24	
p,m-Xylene	ND	0.0500	1	C	5/09/24	05/10/24	
Total Xylenes	ND	0.0250	1	C	5/09/24	05/10/24	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	0	05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: EG			Batch: 2419147	
Gasoline Range Organics (C6-C10)	ND	20.0	1	C	5/09/24	05/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.1 %	70-130	a	05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg Analyst: K		Analyst: KM			Batch: 2420006
Diesel Range Organics (C10-C28)	292	25.0	1	C	5/13/24	05/15/24	T16
Oil Range Organics (C28-C36)	53.6	50.0	1	C	5/13/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200	0	05/13/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2420046
Chloride	36.0	20.0	1	0	5/14/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

#### FL-85

E40	F 1 1	11	05
H.44	<b>1</b>	I I -	

		L+03111-03					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF	<u> </u>	Batch: 2420071
pH @25°C	8.09			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: EG		Batch: 2419147
Benzene	ND	0.0250		1	05/09/24	05/10/24	
Ethylbenzene	ND	0.0250		1	05/09/24	05/10/24	
Toluene	ND	0.0250		1	05/09/24	05/10/24	
o-Xylene	ND	0.0250		1	05/09/24	05/10/24	
p,m-Xylene	ND	0.0500		1	05/09/24	05/10/24	
Total Xylenes	ND	0.0250		1	05/09/24	05/10/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419147
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/09/24	05/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2420006
Diesel Range Organics (C10-C28)	ND	25.0		1	05/13/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/13/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/13/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420046
Chloride	54.3	20.0		1	05/14/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

#### FL-86

		L403111-00					
Analyte	Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF	·	Batch: 2420071
pH @25°C	8.48			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: EG		Batch: 2419147
Benzene	ND	0.0250		1	05/09/24	05/10/24	_
Ethylbenzene	ND	0.0250		1	05/09/24	05/10/24	
Toluene	0.0331	0.0250		1	05/09/24	05/10/24	
o-Xylene	ND	0.0250		1	05/09/24	05/10/24	
p,m-Xylene	ND	0.0500		1	05/09/24	05/10/24	
Total Xylenes	ND	0.0250		1	05/09/24	05/10/24	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419147
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/09/24	05/10/24	_
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.2 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2420006
Diesel Range Organics (C10-C28)	154	25.0		1	05/13/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0		1	05/13/24	05/15/24	
Surrogate: n-Nonane		110 %	50-200		05/13/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420046
Chloride	ND	20.0		1	05/14/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

### FL-87 @1' E405111-07

		E405111-07					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst: V	•		Batch: 2420071
pH @25°C	8.59		1		05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: E	EG		Batch: 2419147
Benzene	0.0288	0.0250	1	1	05/09/24	05/10/24	
Ethylbenzene	ND	0.0250	1	Į.	05/09/24	05/10/24	
Toluene	0.0639	0.0250	1	l	05/09/24	05/10/24	
o-Xylene	ND	0.0250	1	l	05/09/24	05/10/24	
p,m-Xylene	ND	0.0500	1	Į.	05/09/24	05/10/24	
Total Xylenes	ND	0.0250	1		05/09/24	05/10/24	
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: E	EG		Batch: 2419147
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/09/24	05/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	-	Analyst: K	KM		Batch: 2420006
Diesel Range Organics (C10-C28)	95.1	25.0	1		05/13/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/13/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/13/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: [	DT		Batch: 2420046
Chloride	ND	20.0	1	!	05/14/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

#### FL-88 @1' E405111-08

	E405111-08					
Result			ıtion	Prepared	Analyzed	Notes
				•		Batch: 2420071
8.77	pri ome		1	05/14/24	05/14/24	Buttin 2 (2007)
mg/kg	mg/kg		Analyst	EG		Batch: 2419147
0.0472	0.0250		1	05/09/24	05/10/24	
ND	0.0250		1	05/09/24	05/10/24	
0.0844	0.0250		1	05/09/24	05/10/24	
ND	0.0250		1	05/09/24	05/10/24	
ND	0.0500		1	05/09/24	05/10/24	
ND	0.0250		1	05/09/24	05/10/24	
	90.3 %	70-130		05/09/24	05/10/24	
mg/kg	mg/kg		Analyst	EG		Batch: 2419147
ND	20.0		1	05/09/24	05/10/24	
	88.5 %	70-130		05/09/24	05/10/24	
mg/kg	mg/kg		Analyst	KM		Batch: 2420006
90.8	25.0		1	05/13/24	05/15/24	
ND	50.0		1	05/13/24	05/15/24	
	115 %	50-200		05/13/24	05/15/24	
mg/kg	mg/kg		Analyst	DT		Batch: 2420046
ND	20.0		1	05/14/24	05/14/24	
	mg/kg  0.0472  ND 0.0844  ND ND ND  mg/kg  ND  mg/kg  90.8  ND	Result         Reporting Limit           pH Units         pH Units           8.77         mg/kg           mg/kg         mg/kg           0.0472         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.00           88.5 %         mg/kg           mg/kg         mg/kg           90.8         25.0           ND         50.0           115 %         mg/kg           mg/kg         mg/kg	Reporting           Limit         Dilu           pH Units         pH Units           8.77         mg/kg         mg/kg           0.0472         0.0250         MD           ND         0.0250         ND           ND         0.0250         ND           ND         0.0500         ND           ND         0.0250           MD         0.0250           90.3 %         70-130           mg/kg         mg/kg           ND         20.0           88.5 %         70-130           mg/kg         mg/kg           90.8         25.0           ND         50.0           115 %         50-200           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           pH Units         pH Units         Analyst           8.77         1         1           mg/kg         mg/kg         Analyst           0.0472         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           90.3 %         70-130         70-130           mg/kg         mg/kg         Analyst           mg/kg         mg/kg         Analyst           90.8         25.0         1           ND         50.0         1           115 %         50-200           mg/kg         Analyst	Reporting         Limit         Dilution         Prepared           pH Units         Analyst: WF           8.77         1         05/14/24           mg/kg         mg/kg         Analyst: EG           0.0472         0.0250         1         05/09/24           ND         0.0250         1         05/09/24           MD         0.0250         1         05/09/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/09/24           mg/kg         mg/kg         Analyst: KM           90.8         25.0         1         05/13/24           ND         50.0         1         05/13/24           ND         50.0         1         05/13/24           ND         50.200         05/13/24           Mg/kg         Mg/kg	Reporting         Limit         Dilution         Prepared         Analyzed           pH Units         Analyst: WF           8.77         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: EG           0.0472         0.0250         1         05/09/24         05/10/24           ND         0.0250         1         05/09/24         05/10/24           ND         0.0500         1         05/09/24         05/10/24           ND         0.0250         1         05/09/24         05/10/24           ND         0.0250         1         05/09/24         05/10/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/09/24         05/10/24           mg/kg         mg/kg         Analyst: KM           90.8         25.0         1         05/13/24         05/15/24           ND         50.0         1         05/13/24         05/15/24           ND         50.0         1         05/13/24         05/15/24



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

### FL-89 @1' E405111-09

		E405111-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	yst: WF		Batch: 2420071
pH @25°C	8.01		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419147
Benzene	0.0281	0.0250	1	05/09/24	05/10/24	
Ethylbenzene	ND	0.0250	1	05/09/24	05/10/24	
Toluene	0.0613	0.0250	1	05/09/24	05/10/24	
o-Xylene	ND	0.0250	1	05/09/24	05/10/24	
p,m-Xylene	ND	0.0500	1	05/09/24	05/10/24	
Total Xylenes	ND	0.0250	1	05/09/24	05/10/24	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419147
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/09/24	05/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2420006
Diesel Range Organics (C10-C28)	56.1	25.0	1	05/13/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/24	05/15/24	
Surrogate: n-Nonane		116 %	50-200	05/13/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2420046
Chloride	51.9	20.0	1	05/14/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

#### FL-90

		E405111-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	Anal	yst: WF		Batch: 2420071
pH @25°C	8.16		1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419147
Benzene	ND	0.0250	1	05/09/24	05/10/24	
Ethylbenzene	ND	0.0250	1	05/09/24	05/10/24	
Toluene	ND	0.0250	1	05/09/24	05/10/24	
o-Xylene	ND	0.0250	1	05/09/24	05/10/24	
p,m-Xylene	ND	0.0500	1	05/09/24	05/10/24	
Total Xylenes	ND	0.0250	1	05/09/24	05/10/24	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2419147
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/09/24	05/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2420006
Diesel Range Organics (C10-C28)	69.9	25.0	1	05/13/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/24	05/15/24	
Surrogate: n-Nonane		114 %	50-200	05/13/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2420046
Chloride	36.3	20.0	1	05/14/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

#### FL-91

		E403111-11					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420071
pH @25°C	8.03		1	1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: EG		Batch: 2419147
Benzene	ND	0.0250	1	1	05/09/24	05/10/24	
Ethylbenzene	ND	0.0250	1	1	05/09/24	05/10/24	
Toluene	ND	0.0250	1	1	05/09/24	05/10/24	
o-Xylene	ND	0.0250	1	1	05/09/24	05/10/24	
p,m-Xylene	ND	0.0500	1	1	05/09/24	05/10/24	
Total Xylenes	ND	0.0250	1	1	05/09/24	05/10/24	
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419147
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/09/24	05/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2420006
Diesel Range Organics (C10-C28)	236	25.0	1	1	05/13/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/13/24	05/15/24	
Surrogate: n-Nonane		117 %	50-200		05/13/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420046
Chloride	47.0	20.0	1	1	05/14/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

#### FL-92

Result	Reporting Limit		ution	Prepared	Analyzed	Notes
pH Units	pH Units		Analyst	: WF		Batch: 2420071
8.11			1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst	: EG		Batch: 2419147
ND	0.0250		1	05/09/24	05/10/24	
ND	0.0250		1	05/09/24	05/10/24	
0.0434	0.0250		1	05/09/24	05/10/24	
ND	0.0250		1	05/09/24	05/10/24	
ND	0.0500		1	05/09/24	05/10/24	
ND	0.0250		1	05/09/24	05/10/24	
	89.0 %	70-130		05/09/24	05/10/24	
mg/kg	mg/kg		Analyst	: EG		Batch: 2419147
ND	20.0		1	05/09/24	05/10/24	
	97.0 %	70-130		05/09/24	05/10/24	
mg/kg	mg/kg		Analyst	: KM		Batch: 2420006
68.7	25.0		1	05/13/24	05/15/24	
ND	50.0		1	05/13/24	05/15/24	
	109 %	50-200		05/13/24	05/15/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2420046
28.5	20.0		1	05/14/24	05/14/24	
	pH Units  8.11  mg/kg  ND  ND  0.0434  ND  ND  ND  mg/kg  ND  mg/kg  68.7  ND  mg/kg	Result         Limit           pH Units         pH Units           8.11         mg/kg           MD         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           mg/kg         mg/kg           ND         20.0           97.0 %         mg/kg           mg/kg         mg/kg           68.7         25.0           ND         50.0           109 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dile           pH Units         pH Units           8.11         mg/kg         mg/kg           ND         0.0250         ND           ND         0.0250         ND           ND         0.0250         ND           ND         0.0500         ND           ND         0.0250         ND           MD         0.0250         70-130           mg/kg         mg/kg         70-130           mg/kg         mg/kg         70-130           mg/kg         mg/kg         50-200           mg/kg         mg/kg         50-200           mg/kg         mg/kg         50-200	Result         Limit         Dilution           pH Units         pH Units         Analyst           8.11         1           mg/kg         mg/kg         Analyst           ND         0.0250         1           89.0 %         70-130           mg/kg         mg/kg         Analyst           ND         20.0         1           97.0 %         70-130         1           mg/kg         mg/kg         Analyst           68.7         25.0         1           ND         50.0         1           109 %         50-200           mg/kg         Analyst	Result         Limit         Dilution         Prepared           pH Units         pH Units         Analyst: WF           8.11         1         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/09/24           MD         0.0250         1         05/09/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/09/24           mg/kg         mg/kg         Analyst: KM           68.7         25.0         1         05/13/24           ND         50.0         1         05/13/24           ND         50.0         1         05/13/24           MD         50.0         1         05/13/24           Mg/kg         Mg/kg	Result         Limit         Dilution         Prepared         Analyzed           pH Units         pH Units         Analyst: WF           8.11         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/09/24         05/10/24           ND         0.0500         1         05/09/24         05/10/24           ND         0.0250         1         05/09/24         05/10/24           ND         0.0250         1         05/09/24         05/10/24           89.0 %         70-130         05/09/24         05/10/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/09/24         05/10/24           mg/kg         mg/kg         Analyst: KM           68.7         25.0         1         05/13/24         05/15/24           ND         50.0         1



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

#### FL-93

		Reporting					
Analyte	Result	Limit	Diluti	ion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units	A	Analyst: W	 F		Batch: 2420071
рН @25°C	8.26	1	1	-	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	Analyst: EC	ì		Batch: 2419147
Benzene	ND	0.0250	1		05/09/24	05/10/24	
Ethylbenzene	ND	0.0250	1		05/09/24	05/10/24	
Toluene	0.0265	0.0250	1		05/09/24	05/10/24	
o-Xylene	ND	0.0250	1		05/09/24	05/10/24	
p,m-Xylene	ND	0.0500	1		05/09/24	05/10/24	
Total Xylenes	ND	0.0250	1		05/09/24	05/10/24	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: EC	ì		Batch: 2419147
Gasoline Range Organics (C6-C10)	ND	20.0	1		05/09/24	05/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: KN	М		Batch: 2420006
Diesel Range Organics (C10-C28)	42.0	25.0	1		05/13/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1		05/13/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/13/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: D	Γ		Batch: 2420046
Chloride	35.2	20.0	1		05/14/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

#### FL-94

		E403111-14					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Wet Chemistry by EPA 9045D	pH Units	pH Units		Analyst	: WF		Batch: 2420071
pH @25°C	8.37			1	05/14/24	05/14/24	
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: EG		Batch: 2419147
Benzene	ND	0.0250		1	05/09/24	05/10/24	
Ethylbenzene	ND	0.0250	į	1	05/09/24	05/10/24	
Toluene	ND	0.0250	į	1	05/09/24	05/10/24	
o-Xylene	ND	0.0250		1	05/09/24	05/10/24	
p,m-Xylene	ND	0.0500	į	1	05/09/24	05/10/24	
Total Xylenes	ND	0.0250	:	1	05/09/24	05/10/24	
Surrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: EG		Batch: 2419147
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/09/24	05/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130		05/09/24	05/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2420006
Diesel Range Organics (C10-C28)	33.8	25.0	1	1	05/13/24	05/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	05/13/24	05/15/24	
Surrogate: n-Nonane		111 %	50-200		05/13/24	05/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2420046
Chloride	ND	20.0	:	1	05/14/24	05/14/24	



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

### FL-95

E40	N <b>5</b> 1	11	14
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Result	Reporting Limit	Dil	ution	Prepared	Analyzed	Notes
pH Units	pH Units		Analyst:	: WF		Batch: 2420071
8.27			1	05/14/24	05/14/24	
mg/kg	mg/kg		Analyst:	: EG		Batch: 2419147
ND	0.0250		1	05/09/24	05/10/24	
ND	0.0250		1	05/09/24	05/10/24	
ND	0.0250		1	05/09/24	05/10/24	
ND	0.0250		1	05/09/24	05/10/24	
ND	0.0500		1	05/09/24	05/10/24	
ND	0.0250		1	05/09/24	05/10/24	
	90.0 %	70-130		05/09/24	05/10/24	
mg/kg	mg/kg		Analyst	: EG		Batch: 2419147
ND	20.0		1	05/09/24	05/10/24	
	94.3 %	70-130		05/09/24	05/10/24	
mg/kg	mg/kg		Analyst:	: KM		Batch: 2420006
25.5	25.0	•	1	05/13/24	05/15/24	_
ND	50.0		1	05/13/24	05/15/24	
	107 %	50-200		05/13/24	05/15/24	
mg/kg	mg/kg		Analyst:	: DT		Batch: 2420046
ND	20.0		1	05/14/24	05/14/24	·
	pH Units 8.27 mg/kg ND ND ND ND ND ND ND ND ND MD ND MD ND MD	Result         Limit           pH Units         pH Units           8.27         mg/kg           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           mg/kg         mg/kg           MD         20.0           94.3 %         mg/kg           mg/kg         mg/kg           25.5         25.0           ND         50.0           107 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dil           pH Units         pH Units           8.27         mg/kg         mg/kg           MD         0.0250         ND           ND         0.0250         ND           ND         0.0250         ND           ND         0.0500         ND           ND         0.0250         70-130           mg/kg         mg/kg         70-130           mg/kg         mg/kg         70-130           mg/kg         mg/kg         50-200           mg/kg         mg/kg         50-200           mg/kg         mg/kg         50-200	Result         Limit         Dilution           pH Units         pH Units         Analyst           8.27         1           mg/kg         mg/kg         Analyst           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         0.0250         1           MD         0.0250         1           Mg/kg         mg/kg         Analyst           Mg/kg         mg/kg         Analyst           mg/kg         mg/kg         Analyst           25.5         25.0         1           ND         50.0         1           107 %         50-200           mg/kg         Mg/kg         Analyst	Result         Limit         Dilution         Prepared           pH Units         pH Units         Analyst: WF           8.27         1         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/09/24           MD         0.0250         1         05/09/24           mg/kg         mg/kg         Analyst: EG           ND         20.0         1         05/09/24           mg/kg         mg/kg         Analyst: KM           25.5         25.0         1         05/13/24           ND         50.0         1         05/13/24           ND         50.0         1         05/13/24           MD         50.0         1         05/13/24           ND         50.200	Result         Limit         Dilution         Prepared         Analyzed           pH Units         pH Units         Analyst: WF           8.27         1         05/14/24         05/14/24           mg/kg         mg/kg         Analyst: EG           ND         0.0250         1         05/09/24         05/10/24           ND         0.0500         1         05/09/24         05/10/24           ND         0.0250         1         05/09/24         05/10/24           ND         0.0250         1         05/09/24         05/10/24           mg/kg         mg/kg         Analyst: EG           ND         20.0%         70-130         05/09/24         05/10/24           mg/kg         mg/kg         Analyst: KM           25.5         25.0         1         05/13/24         05/15/24           ND         50.0         1         05/13/24         05/15/24           ND         50.0



Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	•
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

	Wet	Chemistry	by EPA	.9045D
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Analyst: WF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	Notes

LCS (2420071-BS1)				Prepared: 05/	/14/24 Analyzed: 05/14/24
pН	7.93	8.00	99.2	98.75-101.25	
<b>Duplicate (2420071-DUP1)</b>			Source: E405111-03	Prepared: 05/	14/24 Analyzed: 05/14/24
pH	9.21		9.23	0.260	20



		QC S	umm	ary Dat	a				
Targa 12600 WCR 91		Project Name: Project Number:		138_Red_Hill 1102-0001	s_2_Amin	e_Spill			Reported:
Midland TX, 79707		Project Manager:	В	Brett Dennis					5/16/2024 2:13:34PM
		Volatile O	rganics	by EPA 802	21B				Analyst: EG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419147-BLK1)							Prepared: 0	5/09/24 A	analyzed: 05/10/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.4	70-130			
LCS (2419147-BS1)							Prepared: 0	5/09/24 A	analyzed: 05/10/24
Benzene	5.04	0.0250	5.00		101	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.1	70-130			
Toluene	5.02	0.0250	5.00		100	70-130			
o-Xylene	4.95	0.0250	5.00		99.0	70-130			
o,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.2	70-130			
Matrix Spike (2419147-MS1)				Source:	E405111-0	03	Prepared: 0	5/09/24 A	analyzed: 05/10/24
Benzene	5.06	0.0250	5.00	ND	101	54-133			
Ethylbenzene	4.96	0.0250	5.00	ND	99.2	61-133			
Toluene	5.03	0.0250	5.00	ND	101	61-130			
p-Xylene	4.95	0.0250	5.00	ND	99.0	63-131			
o,m-Xylene	10.1	0.0500	10.0	ND	101	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.42		8.00		92.7	70-130			
Matrix Spike Dup (2419147-MSD1)				Source:	E405111-0	03	Prepared: 0	5/09/24 A	analyzed: 05/10/24
Benzene	5.01	0.0250	5.00	ND	100	54-133	0.869	20	
Ethylbenzene	4.97	0.0250	5.00	ND	99.4	61-133	0.202	20	
Toluene	5.02	0.0250	5.00	ND	100	61-130	0.336	20	
. V1	4.06	0.0250	5.00	ND	00.2	62 121	0.220	20	

ND

ND

ND

99.3

101

100

92.8

5.00

10.0

15.0

4.96

10.1

15.0

7.42

0.0250

0.0500

0.0250

63-131

63-131

63-131

70-130

0.329

0.177

0.227

20

20

20



o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Targa 12600 WCR 91	Project Name: Project Number:	7138_Red_Hills_2_Amine_Spill 21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

Midland TX, 79707		Project Manager		ett Dennis				5/1	6/2024 2:13:34PM
	Nor	halogenated	Organics l	by EPA 80	15D - GI	RO			Analyst: EG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2419147-BLK1)							Prepared: 0	5/09/24 Anal	yzed: 05/10/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.6	70-130			
LCS (2419147-BS2)							Prepared: 0	5/09/24 Anal	yzed: 05/10/24
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			
Matrix Spike (2419147-MS2)				Source:	E405111-0	)3	Prepared: 0	5/09/24 Anal	yzed: 05/10/24
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			
Matrix Spike Dup (2419147-MSD2)				Source:	E405111-0	)3	Prepared: 0	5/09/24 Anal	yzed: 05/10/24
Gasoline Range Organics (C6-C10)	46.0	20.0	50.0	ND	92.0	70-130	3.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	Reported:
12600 WCR 91	Project Number:	21102-0001	-
Midland TX, 79707	Project Manager:	Brett Dennis	5/16/2024 2:13:34PM

Midland 1X, /9/0/		Project Manage	r: Br	ett Dennis				3/	16/2024 2:13:34PN
	Nonhal	ogenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2420006-BLK1)							Prepared: 0	5/13/24 Ana	llyzed: 05/15/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.9		50.0		104	50-200			
LCS (2420006-BS1)							Prepared: 0	5/13/24 Ana	lyzed: 05/15/24
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132			
Surrogate: n-Nonane	54.7		50.0		109	50-200			
LCS Dup (2420006-BSD1)							Prepared: 0	5/13/24 Ana	alyzed: 05/15/24
Diesel Range Organics (C10-C28)	266	25.0	250		106	38-132	0.763	20	
Surrogate: n-Nonane	54.5		50.0		109	50-200			

Chloride

Chloride

LCS Dup (2420046-BSD1)

255

252

20.0

20.0

### **QC Summary Data**

Targa 12600 WCR 91 Midland TX, 79707		Project Name: Project Number: Project Manager:			s_2_Amin	<b>Reported:</b> 5/16/2024 2:13:34PM			
		Anions	by EPA	300.0/9056	A				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2420046-BLK1)	ing ag	шуку	mg/kg	mg/kg	70				analyzed: 05/14/24
Chloride	ND	20.0							
LCS (2420046-BS1)							Prepared: 0	5/14/24 A	analyzed: 05/14/24

250

250

102

101

90-110

90-110

1.05

Prepared: 05/14/24 Analyzed: 05/14/24

20

#### QC Summary Report Comment:

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



## **Definitions and Notes**

Targa	Project Name:	7138_Red_Hills_2_Amine_Spill	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	05/16/24 14:13

The results for this petroleum hydrocarbon analysis is elevated due to the presence of a single analyte peak in the quantitation range.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client:	Tar	ga Resou	irces	- 11		Bill To	1			La	b Us	se On	ly				TA			EPA P	rogram
Project: 713	38_Ned_1	Hills-2 Brett Dei		-Spill	Attention: Address:	Amber Groves 201 S 4th St.		Lab V	NO#	ahii			Number		1D	2D	3D	Stand		CWA	SDWA
Address:		W. Marla			City, State, Zip				.03	mri.				Metho	d						RCRA
City, State,	Zip: Hob	bs, NM 8	88240		Phone:				0											Ct-t-	
Phone:	is@tasman-geo.c	om; bbastos@	tasman-geo.co	m; Iflores@tasman-	Email: a *PO Pending*	agroves@targaresour	ces.com		)/OR(				0		5			NI	м со	State UT AZ	Тх
Report due	m; nmdata@tasr bv:	man-geo.com					)/DRC	by 8021		010	300.		ΣZ		×		×	OI AL	+'^		
Time Sampled	Date Sampled		Lab Number		TPH GRO/DRO/ORO by 8015	втех by	НА	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks					
2:25	05.06.24	S	1		FL-81		1		Х	Х	Х		х								
2:25	05.06.24	S	1		FL-82		2		х	Х	Х		х								)
2:25	05.06.24	S	1		FL-83		3		Х	Х	Х		х								
2:30	05.06.24	S	1		FL-84		4		х	Х	Х		х								
2:30	05.06.24	S	1		FL-85		5		х	Х	Х		х								
2:30 05.06.24 <sub>S</sub> 1					FL-86				х	Х	х		х								
2:30	05.06.24	S	1		FL-87 @ 1	,K	7		х	Х	х		х								
2:35	05.06.24	S	1		FL-88 @ 1	ľ	8		Х	Х	Х		х								
2:35	05.06.24	S	1		FL-89 @1	1	9		х	Х	Х		х								
2:35	05.06.24	S	1		FL-90		O		Х	Х	Х		х								
Additional																					
I, (field sampler	), attest to the	validity and	authenticity	of this sample. I am aware	that tampering wit	h or intentionally mislabelling Sampled by:	the sample loc	ation,	a 5			10840 USB 500		A CONTRACTOR OF THE PARTY OF TH				ceived on ic			led or received
	collection is co		o5.07	34 Time	Doggiused by	y: (Signature)			Time								se On				
12	425	tee		1:2	9 Wich	uelle Gonzales		4	1	329	ř	Rece	eived o	n ice:		) N					
Mich	by: (Signature	ngales	Date 5-	7-24 Time 805	S ( *. 1)	y: (Signature)	S.7.			80	5	T1			<u>T2</u>			<u>T3</u>	3		
Religioushed	by: (Signature	5)	Date 5	7.24 1400	Received by	y: (Signature)	Date 5-8-2	TO CASE OF THE PARTY OF THE PAR	Time D5	sa	2	AVG	Temp	°c_4	,						
Sample Matrix:				us, <b>0</b> - Other		7 - 11001	Containe	r Type:	<b>g</b> - g	lass,	<b>p</b> - p	oly/pl	astic, a	g - amb	er gla:						
						are made. Hazardous sar								e client e	xpens	e. Th	e repo	rt for the	e analysi:	of the ab	ove

Project Info	rmation				Chain	of Custody										P	age_lo	of 10
Client:	Targ	ga Resour	ces	~	Bill To	720			ab U					T			EPA P	ogram
Project: 71	38-Red-	Hills-2	2 - Anmil	ne-spill	Attention: Amber Groves		Lab WO	0#	1	Job	Number	m	1D 2	D 3D	Stand		CWA	SDWA
Project Ma Address:	T C A D C	Brett Den V. Marlar			Address: 201 S 4th St. City, State, Zip: Artesia, NM		E 40	Dipi	1_	Analy	ysis and I	Metho	d		X	Stor Silver		RCRA
City, State,		bs, NM 8			Phone:			T	T				ĬΤ					
325-660-73	95				Email: agroves@targaresou	irces.com	ORO										State	3/
		o.com; bbast	os@tasman-	geo.com; lflores@ta	*PO Pending*		DRO/	021		10	0.00	1	ΣZ	×		-	UT AZ	TX
Report due	by:	T	T.	<del></del>		Lab	SRO/	15 by 80		ls 60:	ide 3		ပ္ပ	- 1	×			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Number	TPH GRO/DRO/ORO	by 8015 BTEX by 8021	H	Metals 6010	Chloride 300.0		верос	GDOC			Remarks	30.
2:40	05.06.24	S	1		FL-91	11	)	X	Х		Х							TX 3/2/4 0:30:30
2:40	05.06.24	S	1		FL-92	12	<b>\</b>	( x	Х		х							
2:40	05.06.24	S	1		FL-93	13	)	( x	Х		х							
2:40	05.06.24	S	1		FL-94	14	)	x	х	1000	х							
2:40	05.06.24	S	1		FL-95	15	)	( X	х		х							
								10										
Additional	Instruction	s:												•				
				this sample. I am av	ware that tampering with or intentionally mislabelling tion.  Sampled by:   BRY	the sample location	A-579	5		100000000000000000000000000000000000000	les requiring ved packed in						hey are samp	led or
Selingaished	by (Signature)	fac	05.07	7.24 Time.	. 29 Received by: (Signature) Wichelle Ganzale	Date	Tier		9	Rec	eived or	ice:	Lab	Use Or N	ly			
Helphuisted !	by: (Signature)	ngales	Date 5.	7-24 Time	Received by: (Signature)	Date 5.7.	Tim			T1			<u>T2</u>		<u>T3</u>			
Relinguished	by: (Signature)	99	Date 5	Time	400 Received by: (Signature)	Date 5-8	74 (	16 250	70	AVC	G Temp <sup>c</sup>	c	+					
Sample Matrix:	S - Soil, Sd - Soli	d, <b>Sg</b> - Sludg			- The state of the	Containe							er glass	, v - VOA				
CONTRACTOR VINITED AND STREET AND STREET AND STREET				CONTRACTOR CONTRACTOR SERVICES CONTRACTOR CO	s other arrangements are made. Hazardous sar	THE RESERVE AND ADDRESS OF THE PARTY OF THE			0.0000000000000000000000000000000000000	sed of	f at the clie	nt exp	ense. T	ne report	for the an	alysis of	the above	samples is
applicable onl	y to those sam	iples receiv	ed by the la	boratory with this	COC. The liability of the laboratory is limited to	the amount pai	d for on th	e repor	rt.									



Printed: 5/9/2024 4:02:46PM

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Targa	Date Received:	05/08/24 05:0	0		Work Order ID:	E405111
Phone:	(432) 999-8675	Date Logged In:	05/07/24 17:4	7		Logged In By:	Alexa Michaels
Email:	bdennis@tasman-geo.com	Due Date:	05/14/24 17:0	00 (4 day TAT)			
	Custody (COC)		Vas				
	e sample ID match the COC? e number of samples per sampling site location ma	tch the COC	Yes				
	mples dropped off by client or carrier?	ten the ede	Yes Yes	o : o			
	COC complete, i.e., signatures, dates/times, reque	eted analysees?	Yes	Carrier: <u>C</u>	<u> ourier</u>		
	samples received within holding time?	sted dilary ses.	Yes				
	Note: Analysis, such as pH which should be conducted it.e, 15 minute hold time, are not included in this disucssi		105	г		Commen	ts/Resolution
	urn Around Time (TAT)		***		Project 71	38 Red Hill	s 2 Amine Spill
	COC indicate standard TAT, or Expedited TAT?		Yes		1 -		
Sample Co			37			separated into	•
	ample cooler received?		Yes		workorde:	rs due to high	sample volume.
-	vas cooler received in good condition?		Yes		WO are a	s follows:E40	5107, 405108,
	sample(s) received intact, i.e., not broken?		Yes		405109, 4	05110, 40511	1,
	sustody/security seals present?		No		ĺ	,	,
11. If yes,	were custody/security seals intact?		NA				
	sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples at minutes of sampling	re received w/i 15	Yes				
13. If no v	isible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample Co							
-	ueous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	nead space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	n-VOC samples collected in the correct containers		Yes				
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Laborated 20. Were fi	el_ ield sample labels filled out with the minimum inf	ormation:					
Sa	mple ID?		Yes				
	tte/Time Collected?		Yes	L			
	ollectors name?		Yes				
	reservation	10					
	he COC or field labels indicate the samples were p	reserved?	No				
	mple(s) correctly preserved?	4-1-9	NA				
	ilteration required and/or requested for dissolved r	netais?	No				
_	se Sample Matrix						
	he sample have more than one phase, i.e., multipha		No				
27. If yes,	does the COC specify which phase(s) is to be anal	yzed?	NA				
Subcontra	nct Laboratory						
	mples required to get sent to a subcontract laborate		No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA Su	bcontract Lab	o: NA		
Client Ins	struction						
							l

Report to:
Brett Dennis







5796 U.S. Hwy 64 Farmington, NM 87401

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





## envirotech

Practical Solutions for a Better Tomorrow

## **Analytical Report**

## Targa

Project Name: 7067 Red Hills 5

Work Order: E408145

Job Number: 21102-0001

Received: 8/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/19/24

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

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

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

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

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

Date Reported: 8/19/24

**Brett Dennis** 12600 WCR 91 Midland, TX 79707

Project Name: 7067 Red Hills 5

Workorder: E408145

Date Received: 8/16/2024 8:00:56AM

Brett Dennis,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/16/2024 8:00:56AM, under the Project Name: 7067 Red Hills 5.

The analytical test results summarized in this report with the Project Name: 7067 Red Hills 5 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

**Laboratory Administrator** Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Field Offices:

**Southern New Mexico Area** Lynn Jarboe

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

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

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### **Sample Summary**

_				
I	Targa	Project Name:	7067 Red Hills 5	Reported:
ı	12600 WCR 91	Project Number:	21102-0001	Reported.
l	Midland TX, 79707	Project Manager:	Brett Dennis	08/19/24 15:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Red Hills Backfill	E408145-01A	Soil	08/14/24	08/16/24	Glass Jar, 4 oz.



Targa	Project Name:	7067 Red Hills 5	
12600 WCR 91	Project Number:	21102-0001	Reported:
Midland TX, 79707	Project Manager:	Brett Dennis	8/19/2024 3:04:38PM

### Red Hills Backfill E408145-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2433113
Benzene	ND	0.0250	1	08/16/24	08/19/24	
Ethylbenzene	ND	0.0250	1	08/16/24	08/19/24	
Toluene	ND	0.0250	1	08/16/24	08/19/24	
o-Xylene	ND	0.0250	1	08/16/24	08/19/24	
p,m-Xylene	ND	0.0500	1	08/16/24	08/19/24	
Total Xylenes	ND	0.0250	1	08/16/24	08/19/24	
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	08/16/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2433113
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/16/24	08/19/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	08/16/24	08/19/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2433105
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/24	08/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/24	08/16/24	
Surrogate: n-Nonane		98.8 %	50-200	08/15/24	08/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2433112



7067 Red Hills 5 Targa Project Name: Reported: 12600 WCR 91 Project Number: 21102-0001 Midland TX, 79707 Project Manager: Brett Dennis 8/19/2024 3:04:38PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2433113-BLK1) Prepared: 08/16/24 Analyzed: 08/16/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.16 8.00 89.4 70-130 LCS (2433113-BS1) Prepared: 08/16/24 Analyzed: 08/16/24 5.28 5.00 106 70-130 Benzene 0.0250 Ethylbenzene 5.10 0.0250 5.00 102 70-130 5.20 0.0250 5.00 104 70-130 Toluene 101 o-Xylene 5.07 0.0250 5.00 70-130 10.4 10.0 104 70-130 0.0500 p.m-Xvlene 103 70-130 15.4 15.0 Total Xylenes 0.0250 8.00 89.4 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.15 Matrix Spike (2433113-MS1) Source: E408144-07 Prepared: 08/16/24 Analyzed: 08/16/24 5.10 0.0250 5.00 ND 54-133 Benzene ND 98.2 61-133 Ethylbenzene 4.91 0.0250 5.00 Toluene 5.01 0.0250 5.00 ND 100 61-130 4.89 ND 97.8 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.98 0.0500 10.0 ND 99.8 63-131 14.9 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.20 8.00 Matrix Spike Dup (2433113-MSD1) Source: E408144-07 Prepared: 08/16/24 Analyzed: 08/16/24 5.14 0.0250 5.00 ND 54-133 0.925 20 ND 61-133 0.862 4.95 0.0250 5.00 99.1 20 Ethylbenzene



5.06

4.92

10.1

15.0

7.14

0.0250

0.0250

0.0500

0.0250

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

101

98.5

101

99.9

89.2

61-130

63-131

63-131

63-131

70-130

0.839

0.703

0.775

0.752

20

20

20

20

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Targa	Project Name:	7067 Red Hills 5	Reported:
12600 WCR 91	Project Number:	21102-0001	
Midland TX, 79707	Project Manager:	Brett Dennis	8/19/2024 3:04:38PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis				8	/19/2024 3:04:38PM	
	Non	halogenated	Organics l	by EPA 80	15D - GI	RO		Analyst: IY		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2433113-BLK1)							Prepared: 08	8/16/24 Ana	alyzed: 08/16/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.3	70-130				
LCS (2433113-BS2)							Prepared: 08	8/16/24 Ana	alyzed: 08/16/24	
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0		92.6	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130				
Matrix Spike (2433113-MS2)				Source:	E408144-0	07	Prepared: 08	8/16/24 Ana	alyzed: 08/16/24	
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0	ND	91.0	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130				
Matrix Spike Dup (2433113-MSD2)				Source:	E408144-0	07	Prepared: 08	8/16/24 Ana	alyzed: 08/16/24	
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.1	70-130	0.166	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.7	70-130				



 Targa
 Project Name:
 7067 Red Hills 5
 Reported:

 12600 WCR 91
 Project Number:
 21102-0001

 Midland TX, 79707
 Project Manager:
 Brett Dennis
 8/19/2024
 3:04:38PM

Midland TX, 79707		Project Manage	r: Br	ett Dennis				:	8/19/2024 3:04:38PN
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analy									Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433105-BLK1)							Prepared: 0	8/15/24 Ar	nalyzed: 08/16/24
iesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	57.0		50.0		114	50-200			
.CS (2433105-BS1)							Prepared: 0	8/15/24 Ar	nalyzed: 08/16/24
iesel Range Organics (C10-C28)	237	25.0	250		94.6	38-132			
urrogate: n-Nonane	56.5		50.0		113	50-200			
1 Aatrix Spike (2433105-MS1)				Source:	E408144-	06	Prepared: 0	8/15/24 Ar	nalyzed: 08/16/24
riesel Range Organics (C10-C28)	225	25.0	250	ND	90.1	38-132			
urrogate: n-Nonane	48.1		50.0		96.2	50-200			
Matrix Spike Dup (2433105-MSD1)				Source:	E408144-	06	Prepared: 0	8/15/24 Ar	nalyzed: 08/16/24
riesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132	10.4	20	
urrogate: n-Nonane	60.7		50.0		121	50-200			



Targa		Project Name:	70	067 Red Hills 5					Reported:
12600 WCR 91		Project Number:	21	1102-0001					
Midland TX, 79707		Project Manager:	В	rett Dennis					8/19/2024 3:04:38PM
		Anions	by EPA 3	300.0/9056A					Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433112-BLK1)							Prepared: 0	8/16/24 /	Analyzed: 08/16/24
Chloride	ND	20.0							
LCS (2433112-BS1)							Prepared: 0	8/16/24	Analyzed: 08/16/24
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2433112-MS1)				Source: F	2408143-0	)1	Prepared: 0	8/16/24	Analyzed: 08/16/24
Chloride	311	20.0	250	55.2	102	80-120			
Matrix Spike Dup (2433112-MSD1)				Source: H	2408143-0	)1	Prepared: 0	8/16/24	Analyzed: 08/16/24
Chloride	317	20.0	250	55.2	105	80-120	1.94	20	

#### QC Summary Report Comment:

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



### **Definitions and Notes**

	Targa	Project Name: 706	67 Red Hills 5
١	12600 WCR 91	Project Number: 211	102-0001 Reported:
	Midland TX, 79707	Project Manager: Bret	ett Dennis 08/19/24 15:04

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Project Information	Chain of Custody								F	Page	_ of _ <b>\</b>
Client: Targa Resources	Bill To		Lah	Use C	Only	_		TA		FDA D	ogram
Project: 7067 Red Hills 5	Attention: Amber Groves	Lab WO# E 4081		Job	b Number	1D	2D		Standard	CWA	SDWA
Project Manager: Brett Dennis Address: 2620 W. Marland Blvd.	Address: 201 S 4th St. City, State, Zip: Artesia, NM	E4081	45		IIO2-0001 alysis and Metho	3	X				DCDA
City, State, Zip: Hobbs, NM 88240	Phone:		-	Ana	alysis and ivietno	T	П	Т			RCRA
325-660-7395	Email: agroves@targaresources.com	ORO		-					The state of the s	State	
Email: bdennis@tasman-geo.com; bbastos@tasman-geo.com; lflores@ta	*PO Pending*	/DRO/	021	10	0.000	Σ		¥		UT AZ	TX
No. of	Lab	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260 Metals 6010	Chloride 300.0	верос			×	D 1	
Containers	Number	Dy 8	BTE	Met VOC	S	BGI		GDOC		Remarks	
9:40 8.14.24 S 1	Red Hills Backfill	x	Х		x						
			T								
Additional Instructions:											
I, (field sampler), attest to the validity and authenticity of this sample. I am award date or time of collection is confideled froud and may be grounds for legal action		n,			ples requiring thermal ived packed in ice at an						led or
	Redevised by Separtic organics Date 8-15.	24 Time	 ≺ າ	Ro	ceived on ice:		ab Us	e Only	У		
Melipulished by: (Signature)  Date  8-1524  J24	Received by: (Signature) Date	Time	222000	T1	cerved office.	T2	/ 1		TO		
Relinquished by: (Signature) Date Time	Received by: (Signature)	Time			G Temp °C			17	<u>T3</u>		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other				- poly/	plastic, ag - amb	er gla					
Note: Samples are discarded 30 days after results are reported unless of applicable only to those samples received by the laboratory with this CO	her arrangements are made. Hazardous samples will be returned. The liability of the laboratory is limited to the amount paid	urned to client	or dis	posed o	of at the client exp	ense.	The re	port fo	or the analysis of	the above	samples is



envirotech

Printed: 8/16/2024 8:46:53AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Targa	Date Received:	08/16/24 08:	:00		Work Order ID:	E408145
Phone:	(432) 999-8675	Date Logged In:	08/15/24 15:	:38		Logged In By:	Noe Soto
Email:	bdennis@tasman-geo.com	Due Date:	08/19/24 17:	:00 (1 day TAT)			
	Custody (COC)						
	e sample ID match the COC?		Yes				
	e number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
	c COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion		Yes			Comments	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		_	y name is mis	ssing on COC by
Sample C	<u>looler</u>				client.		
7. Was a s	ample cooler received?		Yes				
8. If yes, v	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C		temperature. 1	<u>u</u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers.	)	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab		icis conceteu.	103				
	field sample labels filled out with the minimum info	rmation:					
	imple ID?		Yes				
D	ate/Time Collected?		Yes	ı			
C	ollectors name?		No				
	<u>reservation</u>						
	the COC or field labels indicate the samples were pr	eserved?	No				
	mple(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
	se Sample Matrix						
26. Does t	he sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
28. Are sa	mples required to get sent to a subcontract laborator	ry?	No				
29. Was a	subcontract laboratory specified by the client and if	f so who?	NA S	Subcontract Lab	: NA		
Client In	struction						

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 402782

#### **QUESTIONS**

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	402782
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2401752221			
Incident Name	NAPP2401752221 RED HILLS PLANT @ 0			
Incident Type	Release Other			
Incident Status	Remediation Closure Report Received			
Incident Facility	[fAPP2123031392] TARGA NORTHERN DELAWARE, LLC.			

Location of Release Source			
Please answer all the questions in this group.			
Site Name	RED HILLS PLANT		
Date Release Discovered	01/17/2024		
Surface Owner	Private		

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

Nature and Volume of Release				
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.				
Crude Oil Released (bbls) Details	Not answered.			
Produced Water Released (bbls) Details	Not answered.			
Is the concentration of chloride in the produced water >10,000 mg/l	No			
Condensate Released (bbls) Details	Not answered.			
Natural Gas Vented (Mcf) Details	Not answered.			
Natural Gas Flared (Mcf) Details	Not answered.			
Other Released Details	Cause: Equipment Failure   Tank (Any)   Other (Specify)   Released: 43 BBL   Recovered: 0 BBL   Lost: 43 BBL.			
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	45% amine/55% water solution			

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

QUESTIONS, Page 2

Action 402782

QUESTI	ONS (continued)
Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	402782
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
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.	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 s	afety 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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Amber Groves Title: Environmental Specialist Email: agroves@targaresources.com

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, Page 3

Action 402782

**QUESTIONS** (continued)

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	402782
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Site Characterization				
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the			
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	NM OSE iWaters Database Search			
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	Greater than 5 (mi.)			
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)			
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)			
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)			
Any other fresh water well or spring	Greater than 5 (mi.)			
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)			
A wetland	Greater than 5 (mi.)			
A subsurface mine	Greater than 5 (mi.)			
An (non-karst) unstable area	Greater than 5 (mi.)			
Categorize the risk of this well / site being in a karst geology	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	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	on 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 n	nilligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	140		
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	393		
GRO+DRO (EPA SW-846 Method 8015M)	269		
BTEX (EPA SW-846 Method 8021B or 8260B)	0.1		
Benzene (EPA SW-846 Method 8021B or 8260B)	0		
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC		
On what estimated date will the remediation commence	04/08/2024		
On what date will (or did) the final sampling or liner inspection occur	05/06/2024		
On what date will (or was) the remediation complete(d)	05/14/2024		
What is the estimated surface area (in square feet) that will be reclaimed	18676		
What is the estimated volume (in cubic yards) that will be reclaimed	516		
What is the estimated surface area (in square feet) that will be remediated	18676		
What is the estimated volume (in cubic yards) that will be remediated 516			
These estimated dates and measurements are recognized to be the best guess or calculation at the	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.		

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

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

QUESTIONS, Page 4

Action 402782

**QUESTIONS** (continued)

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	402782
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

a appropriate district office as later than 00 days offer the release discovery date
e appropriate district office no later than 90 days after the release discovery date.
e / reduce contaminants:
Yes
OWL LANDFILL JAL [fJEG1635837366]
Not answered.
No

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: Amber Groves
Title: Environmental Specialist
Email: agroves@targaresources.com
Date: 11/13/2024

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

Released to Imaging: 2/26/2025 12:20:50 PM

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, Page 5

Action 402782

**QUESTIONS** (continued)

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	402782
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### 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

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
<a href="https://www.emnrd.nm.gov/ocd/contact-us">https://www.emnrd.nm.gov/ocd/contact-us</a>

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

QUESTIONS, Page 6

Action 402782

**QUESTIONS** (continued)

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	402782
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	339250
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/06/2024
What was the (estimated) number of samples that were to be gathered	92
What was the sampling surface area in square feet	18400

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	18676
What was the total volume (cubic yards) remediated	516
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	18676
What was the total volume (in cubic yards) reclaimed	516
Summarize any additional remediation activities not included by answers (above)	Please see the attached closure report for more information. Targa is respectfully requesting a variance to site seeding as this release is contained on pad and located inside a natural gas processing facility that has no plans to decommission in the near future.

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

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

I hereby agree and sign off to the above statement

Name: Amber Groves
Title: Environmental Specialist
Email: agroves@targaresources.com
Date: 11/13/2024

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

QUESTIONS, Page 7

Action 402782

**QUESTIONS** (continued)

Operator:	OGRID:
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110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	402782
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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

CONDITIONS

Action 402782

#### **CONDITIONS**

Operator:	OGRID:
Targa Northern Delaware, LLC.	331548
110 W. 7th Street, Suite 2300	Action Number:
Tulsa, OK 74119	402782
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops.	2/26/2025