Page 6

Oil Conservation Division

Incident ID	nAPP2122449769
District RP	
Facility ID	
Application ID	

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Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. A scaled site and sampling diagram as described in 19.15.29.11 NMAC Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) **Description of remediation activities** I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Title: ESH Specialist Printed Name: Laci Luig Signature: *Qac' D*ate: 12/1/2021 email: lluig@cimarex.com Telephone: (432) 208-3035 **OCD Only** Date: 12/28/2021 Chad Hensley Received by: Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations. Chal There are Date: 12/28/2021 Closure Approved by: Title: Environmental Specialist Advanced Printed Name: Chad Hensley



Site Information

Closure Report Triste Draw 25 ROW Spill Lea County, New Mexico Unit O Sec 25 T23S R32E Incident #: NAPP2122449769 32.268594°, -103.624932°

Produce Water Release Source: Ruptured 4" Poly Line Release Date: 08/10/21 Volume Released: 78 bbls/Produced Water Volume Recovered: 65 bbls/Produced Water

> Prepared for: Cimarex Energy Co 600 N Marienfeld Street Suite 600 Midland, Tx 79701

Prepared by: NTG Environmental 701 Tradewinds Blvd Suite C Midland, TX 79706



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TABLE 2	REMEDIATION SOIL ANALYTICAL RESULTS
PHOTOS	PHOTOLOG

APPENDICES

APPENDIX A	C-141 INITIAL AND FINAL
APPENDIX B	GROUNDWATER RESEARCH
APPENDIX C	LABORATORY ANALYTICAL REPORTS



701 Tradewinds Boulevard, Suite C Midland, Texas 79706 Tel. 432.685.3898 www.ntglobal.com

November 29, 2021

New Mexico Oil Conservation Division 1220 South St, Francis Drive Sante Fe, NM 87505

Re: Closure Report Triste Draw 25 ROW Spill Cimarex Energy Co. Site Location: Unit O, S25, T23S, R32E (Lat 32.268594°, Long -103.624932°) Lea County, New Mexico

To whom it may concern:

On behalf of Cimarex Energy Co. (Cimarex), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remediation activities for the Triste Draw 25 ROW Spill. The site is located at 32.268594°, -103.624932° within Unit O, S25, T23S, R32E, and approximately 30.2 miles Northwest of Jal, New Mexico, in Lea County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the leak was discovered on August 10, 2021. The release was caused by another operator hitting a 4" poly water line. It resulted in the release of approximately seventy-eight (78) barrels of produced water, and sixty-five (65) barrels of produced water were recovered. The impacted area measured approximately 200' x 100', as shown on Figure 3. The initial C-141 form is attached in Appendix A.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water source within a $\frac{1}{2}$ mile radius of the location. The closest identified well is located approximately 0.79 miles West of the site in S35, T23S, R32E. The well has a reported depth to groundwater of 487.39' feet below ground surface (ft bgs). A copy of the associated USGS – National Water Information System report is attached in Appendix B.

On October 27, 2021, Scarborough Drilling, Inc was onsite to drill a groundwater determination bore to 55' below surface and within a $\frac{1}{2}$ mile radius of the location. The bore was left open for 72 hours and tagged with a water level meter. No water was detected at 55' below surface. The coordinates for the groundwater determination bore are 32.269008, -103.625727. See Appendix B for the drillers log.

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- TPH: 1,000 mg/kg (GRO + DRO).
- Chloride: 10,000 mg/kg.

Site Assessment

On September 23, November 1, and November 8, 2021, NTGE conducted site assessment activities to assess soil impacts resulting from the release. A total of twelve (12) sample points were advanced to depths ranging surface -7.5 ft bgs within and surrounding the release area. The soil sample locations are shown on Figure 3.

For chemical analysis, the soil samples were collected and placed directly into laboratoryprovided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Permian Basin Environmental Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports containing analytical methods, results, and chain-ofcustody documents are attached in Appendix C. The analytical results are provided in Table 1.

Referring to Table 1, the areas of sample points S-1, S-2, and S-4 showed chloride concentrations ranging from 85.4 mg/kg to 8,430 mg/kg. The area of S-3 showed a high chloride concentration of 715 mg/kg at 1.5' below surface and then declined with depth. The areas of S-1, S-3, and S-4 showed high TPH concentrations of 104 mg/kg to 7,850 mg/kg.

Remediation Activities and Confirmation Sampling

New Tech Global Environmental personnel were onsite from September 13-19, 2021, directing the remediation activities and collecting confirmation samples. The areas of S-1, S-2, and S-4 were excavated to a depth of 4' below surface. The area of S-3 was excavated to 2' below surface.

A total of thirty-three (33) confirmation samples were collected (CS-1 through CS-33), and twenty (20) sidewall samples (SW-1 through SW-20) were collected every 200 square feet to ensure proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix C. The results of the sampling are summarized in Table 2. The excavation depths and confirmation sample locations are shown in Figure 4. All final confirmation samples were below 19.15.29.12 NMAC criteria.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 931 cubic yards of material were excavated and transported offsite for proper disposal.

Conclusions

Based on the assessment finding and the analytical results, no further actions are required at the site. The final C-141 is attached, and Cimarex formally requests closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-0263.

Sincerely, NTG Environmental

Mike Carmona Senior Project Manager

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Ashton Thielke Project Manager







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Tables

Table 1 Cimarex Energy Co. Triste Draw 25 ROW Spill Lea County, New Mexico

Sample ID	Date	Sample Depth (ft)	DRO	TPH GRO	(mg/kg) MRO	Total	Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
	9/23/2021	0-1	ND	6,380	1,460	7,850	ND	ND	ND	ND	ND	87.4
	"	1-1.5	ND	104	35.0	139	ND	ND	ND	ND	ND	692
		2-2.5	ND	41.3	ND	41.3	ND	ND	ND	ND	ND	5,650
S-1		3-3.5	ND	30.2	ND	30.2	ND	ND	ND	ND	ND	4,670
	"	4-4.5	ND	53.1	ND	53.1	ND	ND	ND	ND	ND	4,110
	11/8/2021	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	16.3
	"	6-6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	26.8
	9/23/2021	0-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,500
	"	1-1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	513
		2-2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,030
S-2		3-3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,130
	"	4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,020
	11/8/2021	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.12
	"	6-6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.39
	1			I	I							
	9/23/2021	0-1	ND	5,030	790	5,820	ND	ND	ND	ND	ND	175
• •		1-1.5	ND	74.2	29.3	104	ND	ND	ND	ND	ND	715
S-3		2-2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	141
		3-3.5	ND	43.9	ND	43.9	ND	ND	ND	ND	ND	166
		4-4.5	ND	33.1	ND	33.1	ND	ND	ND	ND	ND	507
	9/23/2021	0-1	ND	199	32.7	232	ND	ND	ND	ND	ND	85.4
		1-1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	372
		2-2.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,130
S-4		3-3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,240
•		4-4.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100
	11/1/2021	5-5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	7,310
	"	6-6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	8,430
	"	7-7.5	ND	43.9	ND	ND	ND	ND	ND	ND	ND	98.8
H-1	9/23/2021	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.04
H-2	9/23/2021	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.76
H-3	9/23/2021	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H-4	9/23/2021	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.35
H-5	9/23/2021	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.9
H-6	9/23/2021	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.22
H-7	9/23/2021	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.98
H-8	9/23/2021	0-0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.71
	tory Limits ^A Excavated		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

-Excavated ^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram TPH- Total Petroleum Hydrocarbons ft-feet

ND - Non-Detect

NTGE Project No. 214471

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Table 2Cimarex Energy Co.Triste Draw 25 ROW SpillLea County, New Mexico

Commite ID	Data	Sample		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
CS-1	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.56
CS-2	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.86
CS-3	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	52.3
CS-4	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	46.7
CS-5	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	106
CS-6	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	875
CS-7	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.03
CS-8	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	44.2
CS-9	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	93.0
CS-10	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	650
CS-11	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CS-12	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.38
CS-13	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	77.4
CS-14	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	30.0
CS-15	11/1/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	206
CS-16	11/8/2021	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	17.4



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NTGE Project No. 214707

Table 2Cimarex Energy Co.Triste Draw 25 ROW SpillLea County, New Mexico

Commis ID	Dete	Sample		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
CS-17	11/8/2021	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.8
CS-18	11/8/2021	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.81
CS-19	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,360
CS-20	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	183
CS-21	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	350
CS-22	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	666
CS-23	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800
CS-24	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	120
CS-25	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	45.6
CS-26	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	49.7
CS-27	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,790
CS-28	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	958
CS-29	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,260
CS-30	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,630
CS-31	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,880
CS-32	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,080
CS-33	11/8/2021	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	15.7

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NTGE Project No. 214707

Table 2Cimarex Energy Co.Triste Draw 25 ROW SpillLea County, New Mexico

	Data	Sample		TPH	(mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
SW-1	11/1/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.80
SW-2	11/1/2021	-	ND	ND	ND	ND	ND	0.00124	ND	ND	0.00124	41.7
SW-3	11/1/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-4	11/1/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-5	11/1/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.84
SW-6	11/1/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-7	11/1/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.94
SW-8	11/1/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	32.9
SW-9	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.8
SW-10	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	252
SW-11	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	162
SW-12	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.85
SW-13	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.8
SW-14	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.45
SW-15	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.8
SW-16	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.38
SW-17	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.05
SW-18	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-19	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.61
SW-20	11/8/2021	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	tory Limits ^A		1,000	mg/kg		2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

ND - Non-Detect

NTGE Project No. 214707

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Photo Log

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PHOTOGRAPHIC LOG

Cimarex Energy Co.

Photograph	No. 1	SE S SW W 120 150 180 210 240 270 I
Facility:	Triste Draw 25 ROW Spill	I 193°S (T)
County:	Lea County, New Mexico	
Description: View South, vi	ew of confirmation samples (1-15).	DB Nov 2021, 14:33 21
Photograph	No. 2	NE 60 90 120 SE S 10 10 10 10 10 10 10 10 10 10 10 10 10 1
Facility:	Triste Draw 25 ROW Spill	99°E (T) ● 32.26851, -103.625018 ±3 m ▲ 1094 m
County:	Lea County, New Mexico	
Description: View East, vie	w of confirmation samples (16-18).	08 Nov 2021, 14/53.24
Photograph	No. 3	SE SW W 150 180 210 240 270 300 1 • • • • • • • • • •
Facility:	Triste Draw 25 ROW Spill	© 219°SW (T) © 32.268638, -103.624845 ±5 m ▲ 1099 m
County:	Lea County, New Mexico	
Description: View Southwe	st, view of confirmation samples (19-25).	08.Nov 2021, 14.36.24



PHOTOGRAPHIC LOG

Cimarex Energy Co.

Photograph	n No. 4	N NE E SE 0 30 60 90 120 150 • • • • • • • • • •
Facility:	Triste Draw 25 ROW Spill	S6°E (T) ● 32.26859, -103.624937 ±3 m ▲ 1091 m
County:	Lea County, New Mexico	
Description: View East, vie 32).	ew of confirmation samples (26-27 & 31-	08 Nor 2021, 14:17:
Photograph	י No. 5	SW W NW N 210 240 270 300 330 0 1 • • • • • • • • • •
Facility:	Triste Draw 25 ROW Spill	284°W (T)
County:	Lea County, New Mexico	
Description: View West, vi	iew of confirmation samples (28-30).	
Photograph	n No. 5	S SW W NW 180 210 240 270 300 330 I • I • I • I • I • I • I • I • I • I •
Facility:	Triste Draw 25 ROW Spill	255°SW (T)
County:	Lea County, New Mexico	
Description: View Southwe	est, view of confirmation sample (33).	



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Appendix A

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District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 State of New Mexico Energy Minerals and Natural Resources Department

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

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Incident ID	nAPP2122449769
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Cimarex Energy Co.	OGRID: 215099
Contact Name: Laci Luig	Contact Telephone: (432) 571-7800
Contact email: lluig@cimarex.com	Incident # (assigned by OCD) nAPP2122449769
Contact mailing address: 600 N Marienfeld Street, Ste. 600 Midland, TX 79701	

Location of Release Source

Latitude 32.268707_

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Triste Draw 25 Federal	Site Type: ROW & pasture
Date Release Discovered: 8/10/2021	API# (if applicable)

Unit Letter	Section	Township	Range	County
0	25	23\$	32E	Lea

Surface Owner: State Federal Tribal Private (Name: _____

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 78	Volume Recovered (bbls) 65
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: Human Error

Energy Transfer was in the process of mowing their NM ROW when their mower hit our 4" poly water line, causing a release of produced water in the pasture area. Released 78.4 barrels of produced water, recovered 65 barrels.

NOTE: The spill started on BLM surface (O-25-23S-32E; 32.268707, -103.624937) and ended on State Land surface (B-36-23S-32E; 32.268149, -103.625100).

Incident ID	nAPP2122449769
District RP	
Facility ID	
Application ID	

	Application in		
Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?		
release as defined by	Total amount of release is greater than 25 barrels.		
19.15.29.7(A) NMAC?			
🛛 Yes 🗌 No			
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?		
By: Gloria Garza			
	ina Eads, Jim Griswold, Robert Hamlet, SLO and BLM		
By: Email			
	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.			
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:			

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

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

Printed Name: Laci Luig	Title: ESH Specialist
Signature: <u>Aac</u>	Date: 8/12/2021
email: lluig@cimarex.com	Telephone: (432) 208-3035
OCD Only	
Received by:	Date:

Page 2

Received by OCD: 12/2/2021 9:05:48 AM Form C-141 State of New Mexico

Page 3

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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Site Assessment/Characterization

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

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

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
Field data
Data table of soil contaminant concentration data
Depth to water determination
Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
Boring or excavation logs
Photographs including date and GIS information
Topographic/Aerial maps

Laboratory data including chain of custody

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

Received by OCD: 12/2/2021 9:05:48 AM Form C-141 State of New Mexico		Page 24 of 223
		Incident ID
Page 4	Oil Conservation Division	District RP
		Facility ID
		Application ID
regulations all operators ar public health or the environ failed to adequately investi addition, OCD acceptance and/or regulations. Printed Name: Signature: & <i>L</i>	e required to report and/or file certain release not imment. The acceptance of a C-141 report by the C gate and remediate contamination that pose a thre	best of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger OCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws Title: Date: Telephone:
OCD Only		
Received by:		Date:

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.		
A scaled site and sampling diagram as described in 19.15.29.11 NMAC		
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)		
Description of remediation activities		
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and ren human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the co accordance with 19.15.29.13 NMAC including notification to the C Printed Name:	ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in CD when reclamation and re-vegetation are complete.	
Signature: <u>Aac</u>	Date:	
email:	Telephone:	
OCD Only		
Received by:	Date:	
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.		
Closure Approved by:	Date:	
Printed Name:	Title:	

Page 6











Legend

ATE. 00

- 1/2 mile radius
- 55' GWDB
- Tristie Draw 25 ROW





Comments : Total Depth 55' bgs

Drilling Terminated @ 11:00 MT No groundwater present

Check for presence of groundwater on 11/01/2021





New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced O=orphaned, C=the file is closed)	(quar					NE 3=S\ o largest	N 4=SE)) (NAD8	33 UTM in meters)		(In fee	t)
POD Number	POD Sub- Code basin C	county		Q (16 /	-	ec Tw	s Rng	x	Y Y	-	-	Water Column
C 02216	CUB	LE	2	2 4	2	1 235	32E	625035	3573261* 🌍	585	400	185
<u>C 02349</u>	CUB	ED		23	3 0	3 238	32E	625678	3578004* 🌍	525		
C 03529 POD1	С	LE	2	4 3	3 2	9 238	32E	622651	3571212 🌍	550		
C 03851 POD1	CUB	LE	3	3 4	2	0 235	32E	622880	3572660 🌍	1392	713	679
									Average Depth to	o Water:	556 f	ieet
									Minimun	n Depth:	400 f	ieet
									Maximum	n Depth:	713 1	feet
Record Count: 4												

PLSS Search:

Township: 23S Range: 32E

*UTM location was derived from PLSS - see Help

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10/6/21 9:00 AM



New Mexico Office of the State Engineer **Point of Diversion Summary**

			(q	uarters a	re smalles	st to large	<i>,</i>	(NAD8	3 UTM in meters)	
Well Tag		Number	E C	-	-	ec Tws	U		X Y	
v	C 02	279	3	3 4	3 2	8 23S	33E	63369	91 3571173* 🥰	•
Driller Lic	ense:		Dril	ler Co	mpany:					
Driller Na	me:	CORKY	DRILLING							
Drill Start	Date:		Dril	l Finisl	h Date:	1	2/31/19	81	Plug Date:	
Log File D				V Rev			2,51,19	01	Source:	Shallow
Pump Type					arge Si	70.			Estimated Yield	
Casing Size		8.63	-	th Wel	-		50 feet		Depth Water:	400 feet
Casing Siz	с.	8.05	Бер	th wei	1.	C	50 Icci		Deptil Water.	400 1001
Х	Meter	r Numbe	r: 518			Meter	Make:		MASTER MET	ER
	Meter	r Serial N	Number: 15394	61		Meter	Multip	lier:	10.0000	
	Numb	oer of Di	als: 6			Meter	Type:		Diversion	
	Unit o	of Measu	re: Gallor	15		Retur	n Flow l	Percent:		
		e Multipl						uency:		
Meter	X	gs (in Ac								
	d Date	Year	Mtr Reading	Flag	Rdr	Comn	nent		Mtr	· Amount Online
	7/1999	1999	232029		ms					0
	5/1999	1999	236663		ms					0.142
	8/1999	1999	241885		ms					0.160
11/28	8/1999	1999	257551	А	ms					0.481
04/06	6/2000	2000	272184	А	mb					0.449
08/16	6/2000	2000	289555	А	mb					0.533
09/15	5/2000	2000	294385	А	RPT					0.148
01/19	9/2001	2000	303495	А	RPT					0.280
04/27	7/2001	2001	308151	А	RPT					0.143
07/16	6/2001	2001	314676	А	ms					0.200
01/12	2/2002	2002	323847	А	tg					0.281
04/13	3/2002	2002	326625	А	RPT					0.085
07/12	2/2002	2002	331191	А	rm					0.140
	1/2003	2002	336825	А	RPT					0.173
	3/2003	2003	339193	А	RPT					0.073
	1/2003	2003	344715	А	RPT					0.169
	1/2003	2003	348891	А	ab					0.128
	8/2004	2003	351326	A	ab					0.075
	7/2004	2004	353564	A	RPT					0.069
	5/2004	2004	358043	A	RPT					0.137
	2/2004	2004	360921	A	RPT					0.088
	6/2005	2004	363018	A	RPT					0.064
	5/2005	2005	365922	A	RPT					0.089
	3/2005	2005	370392	A	RPT					0.137
10/31	1/2005	2005	372982	А	RPT					0.079

Received by QCD: 12/2/2021 9:05	48 A.M. us/r	nmwrrs/Repo	ortDis	patcher?typ	pe=PODGHTML&name=PodGroundSummaryHTML.jrxml&basin=@f.223
01/31/2006	2005	378437	А	RPT	0.167
04/20/2006	2006	385094	А	RPT	0.204
07/19/2006	2006	393921	А	tw	0.271
11/27/2006	2006	398063	А	RPT	0.127
04/16/2007	2007	402365	А	RPT	0.132
07/13/2007	2007	407275	А	RPT	0.151
11/03/2007	2007	413487	А	RPT	0.191
04/15/2008	2008	420426	А	RPT	0.213
07/11/2008	2008	431523	А	RPT	0.341
01/08/2009	2009	244494	R	RPT 1	Meter Rollover 24.949
05/07/2009	2009	453556	А	RPT	6.416
07/06/2009	2009	466279	А	RPT	0.390
11/12/2009	2009	496638	А	RPT	0.932
05/13/2010	2010	537086	А	RPT	1.241
08/23/2010	2010	555405	А	RPT	0.562
11/09/2010	2010	564293	А	RPT	0.273
02/13/2011	2011	579930	А	RPT	0.480
07/12/2011	2011	613881	А	RPT	1.042
01/10/2012	2012	651709	А	RPT	1.161
04/15/2012	2012	656205	А	RPT	0.138
03/20/2013	2012	725304	А	RPT	2.121
07/18/2013	2013	753824	А	RPT	0.875
07/22/2019	2019	880960	А	RPT	3.902
04/01/2020	2020	978860	А	RPT	3.004
**YTD Mete	er Amounts:	Year		Amount	
		1999		0.783	
		2000		1.410	
		2001		0.343	
		2002		0.679	
		2003		0.445	
		2004		0.358	
		2005		0.472	
		2006		0.602	
		2007		0.474	
		2008		0.554	
		2009		32.687	
		2010		2.076	
		2011		1.522	
		2012		3.420	
		2013		0.875	
		2019		3.902	
		2020		3.004	
Х					

*UTM location was derived from PLSS - see Help

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10/6/21 9:23 AM

POINT OF DIVERSION SUMMARY

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New Mexico Office of the State Engineer **Point of Diversion Summary**

			• •		e 1=NW 2 re smalles		SW 4=SE) st)		UTM in meters)		
Well Tag	POD	Number	Q	64 Q16	Q4 Se	c Tws	Rng		X Y		
	C 02	275	2	3 3	2 19	ə 23S	33E	63084	3 3573557* 🥑		
x Driller Lic	cense:		Dril	ler Co	mpany:						
Driller Na	me:	ABBOT	T BROTHERS								
Drill Start	Date:		Dril	l Finisl	h Date:	1	2/31/198	80	Plug Date:		
Log File D	ate:		PCV	V Rcv	Date:				Source:	Shallow	
Pump Type:			Pipe	Disch	arge Siz	ze:			Estimated Yield:	40 GPM	
Casing Siz		8.63	•	th Wel	e		50 feet		Depth Water:	400 feet	
		0.00	2.16			0					
A	Meter	·Numbe	r: 514			Meter	Make:		MASTER METI	ER	
	Meter	· Serial N	Number: 15278	74		Meter	Multipl	lier:	10.0000		
	Numb	oer of Di	als: 6			Meter Type:			Diversion		
	Unit o	of Measu	re: Gallor	ıs		Returi	n Flow I	Percent:			
	-	Multipl					ng Freq		Quarterly		
Meter	X	gs (in Ac									
	d Date	Year	Mtr Reading	Flag	Rdr	Comm	ient		Mtr	Amount Online	
	8/1999	1999	260142	A	ms					0	
	5/1999	1999	294352		ms					1.050	
07/1	8/1999	1999	320962	А	ms					0.817	
11/2	8/1999	1999	367317	А	ms					1.423	
04/0	6/2000	2000	413837	А	mb					1.428	
08/1	6/2000	2000	474649	А	mb					1.866	
09/1	5/2000	2000	485983	А	RPT					0.348	
01/1	9/2001	2000	530107	А	RPT					1.354	
04/2	7/2001	2001	569967	А	RPT					1.223	
07/1	6/2001	2001	620178	А	ms					1.541	
01/12	2/2002	2002	652573	А	tg					0.994	
04/1	3/2002	2002	662745	А	RPT					0.312	
	2/2002	2002	674878	А	rm					0.372	
	1/2003	2002	714899	А	ms					1.228	
	1/2003	2003	751760	А	ms					1.131	
	1/2003	2003	778772	А	ab					0.829	
	8/2004	2003	802123	А	ab					0.717	
	7/2004	2004	821801	A	RPT					0.604	
	5/2004	2004	836507	A	RPT					0.451	
	2/2004	2004	844068	А	RPT					0.232	
	6/2005	2004	877058	A	RPT					1.012	
	5/2005	2005	889933	А	RPT					0.395	
	3/2005	2005	891339	A	RPT					0.043	
	1/2005	2005	927761	A	RPT					1.118	
01/3	1/2006	2005	941723	А	RPT					0.428	

Received by 13CD: 12/2/2021 9:05:48 AM. us/nmwrrs/ReportDispatcher?type=PODGHTML&name=PodGroundSummaryHTML.jrxml&basin=66, 223
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2/2/2021 9:0	se.state.hm.us/r	nmwrrs/Repo	ortDis	spatcher?ty	pe=PODGHTML&name=PodGroundSummaryHTML.jrxm
04/20/2006		966263	А	RPT	0.753
07/19/2006	2006	9421	R	tw	Meter Rollover 1.324
11/27/2006	2006	90114	А	RPT	2.476
04/16/2007	2007	124935	А	tw	1.069
07/13/2007	2007	148838	А	tw	0.734
11/03/2007	2007	189325	А	RPT	1.243
04/15/2008	2008	230341	А	RPT	1.259
07/11/2008	2008	273176	А	RPT	1.315
01/08/2009	2008	375616	А	RPT	3.144
05/07/2009	2009	432782	А	RPT	1.754
07/06/2009	2009	465558	А	RPT	1.006
11/02/2009	2009	537994	А	tw	2.223
05/13/2010	2010	592265	А	RPT	1.666
08/23/2010	2010	598613	А	RPT	0.195
11/09/2010	2010	598791	А	RPT	0.005
02/13/2011	2011	599215	А	RPT	0.013
07/12/2011	2011	607344	А	RPT	0.249
01/10/2012	2012	608458	А	RPT	0.034
04/15/2012	2012	608566	А	RPT	0.003
03/20/2013	2012	608566	А	RPT	0
07/18/2013	2013	608566	А	RPT	0
07/22/2019	2019	896990	А	RPT	8.851
04/01/2020	2020	120850	R	RPT	Meter Rollover 6.870
× **YTD M	eter Amounts:	Year		Amount	
		1999		3.290	
		2000		4.996	
		2001		2.764	
		2002		2.906	
		2003		2.677	
		2004		2.299	
		2005		1.984	
		2006		4.553	
		2007		3.046	
		2008		5.718	
		2009		4.983	
		2010		1.866	
		2011		0.262	
		2012		0.037	
		2013		0	
		2019		8.851	

*UTM location was derived from PLSS - see Help

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6.870

10/6/21 9:13 AM

POINT OF DIVERSION SUMMARY

2020



New Mexico Office of the State Engineer **Point of Diversion Summary**

Wall T	BOP	N	(q	uarters a	re smalle	st to large	<i>´</i>		UTM in meters)	
Well Tag	POD C 02	Number	E C	64 Q16 2 3	-	ec Tws 0 23S	0		X Y 3 3572970* 🦲	
x								00200		
Driller Lic				ler Co	mpany:					
Driller Na	me:	ABBOI	T BROTHERS							
Drill Start	Date:		Dril	l Finisl	h Date:	1	2/31/19	74	Plug Date:	
Log File D	ate:		PCV	W Rev	Date:				Source:	Shallow
Pump Typ	e:		Pipe	Disch	arge Si	ze:			Estimated Yield:	30 GPM
Casing Siz	e:	8.63	Dep	th Wel	l:	5	50 feet		Depth Water:	400 feet
Х	Meter	r Numbe	er: 516			Meter	Make:		MASTER METH	ER
	Meter	r Serial I	Number: 15278	70		Meter	Multipl	lier:	10.0000	
	Numł	oer of Di	als: 6			Meter Type:			Diversion	
	Unit o	of Measu	ire: Galloi	ıs			• •	Percent:		
		e Multip						uency:	Quarterly	
Meter	X		ere-Feet)							
	l Date	Year	Mtr Reading	Flag	Rdr	Comn	ient		Mtr	Amount Online
	7/1999	1999	9375	-	ms					0
	5/1999	1999	9375	А	ms					0
07/18	8/1999	1999	9375	А	ms					0
11/28	8/1999	1999	32883	А	ms					0.721
04/06	6/2000	2000	68700	А	mb					1.099
08/10	6/2000	2000	68722	А	mb					0.001
09/1	5/2000	2000	68723	А	RPT					0
01/19	9/2001	2000	68723	А	RPT					0
04/27	7/2001	2001	68723	А	RPT					0
07/10	6/2001	2001	68723	А	ms					0
01/12	2/2002	2002	68723	А	tg					0
04/13	3/2002	2002	68723	А	RPT					0
07/12	2/2002	2002	68723	А	rm					0
01/02	1/2003	2002	68723	А	RPT					0
	3/2003	2003	882399	А	RPT					24.971
	1/2003	2003	882711	А	RPT					0.010
	1/2003	2003	888716	А	ab					0.184
	8/2004	2003	896550	А	ab					0.240
	7/2004	2004	896565	А	RPT					0
	5/2004	2004	899394	А	RPT					0.087
	2/2004	2004	899404	A	RPT					0
	6/2005	2004	899404	A	RPT					0
	5/2005	2005	899404	A	RPT					0
	3/2005	2005	899406	A	RPT					0
10/3	1/2005	2005	899406	А	RPT					0
,							e a			
---	----------------	-------------	--	---	--	----------------	--------			
	01/31/2006	2005	899406		RPT		0			
	04/20/2006	2006	899406		RPT		0			
	07/19/2006	2006	909832		tw		0.320			
	11/27/2006	2006	909832	А	RPT		0			
	04/16/2007	2007	909832	А	RPT		0			
	07/13/2007	2007	909832	А	RPT		0			
	11/03/2007	2007	909832	А	RPT		0			
	04/15/2008	2008	909832	А	RPT		0			
	07/11/2008	2008	909832	А	RPT		0			
	01/08/2009	2008	909832	А	RPT		0			
	05/07/2009	2009	909832	А	RPT		0			
	07/06/2009	2009	913539	А	RPT		0.114			
	11/12/2009	2009	945793	А	tw		0.990			
	05/13/2010	2010	951283	А	RPT		0.168			
	08/23/2010	2010	951283	А	RPT		0			
	11/09/2010	2010	951283	А	RPT		0			
	02/13/2011	2011	951283	А	RPT		0			
	07/12/2011	2011	86397	R	RPT	Meter Rollover	4.146			
	01/10/2012	2012	254337	А	RPT		5.154			
	04/15/2012	2012	328978	А	RPT		2.291			
	03/20/2013	2012	544463	А	RPT		6.613			
	07/18/2013	2013	557631	А	RPT		0.404			
	07/22/2019	2019	803867	А	RPT		7.557			
	04/01/2020	2020	150762	R	RPT	Meter Rollover	10.646			
	* **YTD Met	er Amounts:	Year		Amount					
			1999		0.721					
			2000		1.100					
			2001		0					
			2002		0					
			2003		25.405					
			2004		0.087					
			2005		0					
			2006		0.320					
			2007		0					
					0 0					
			2007							
			2007 2008		0					
			2007 2008 2009		0 1.104					
			2007 2008 2009 2010		0 1.104 0.168					
			2007 2008 2009 2010 2011		0 1.104 0.168 4.146					
			2007 2008 2009 2010 2011 2012		0 1.104 0.168 4.146 14.058					

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*UTM location was derived from PLSS - see Help

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10/6/21 9:16 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer **Point of Diversion Summary**

			(9	uarters a	re smalles	st to larges	<i>,</i>		UTM in meters)	
Well Tag		Number	· Q	-	-	ec Tws	0		X Y	
x	C 02	.270	-	b 1	4 1	9 238	33E	03084	8 3573154* 🌍	
Driller Lic	ense:		Dril	ler Co	mpany:					
Driller Na	me:	ABBOT	T BROTHERS							
Drill Start	Date:		Dril	l Finisl	h Date:	1	2/31/19:	57	Plug Date:	
Log File D	ate:		PCV	V Rcv	Date:				Source:	Shallow
Pump Typ			Pipe	Disch	arge Si	ze:			Estimated Yield:	40 GPM
Casing Siz		8.63	-	th Wel	-		50 feet		Depth Water:	400 feet
		0.00	2.16							
X	Meter	· Numbe	er: 515			Meter	Make:		MASTER METH	ER
	Meter	r Serial N	Number: 15278	2		Meter	Multipl	lier:	10.0000	
	Numb	oer of Di	als: 6			Meter	Type:		Diversion	
	Unit o	of Measu	ire: Galloi	ıs				Percent:		
	Usage	e Multipl	lier:			Readi	ng Freq	uency:	Quarterly	
	x									
Meter	Reading	gs (in Ac	re-Feet)							
Read	d Date	Year	Mtr Reading	Flag	Rdr	Comn	lent		Mtr	Amount Online
02/2	7/1999	1999	838142	А	ms					0
04/1	5/1999	1999	849194	А	ms					0.339
07/1	8/1999	1999	852511	А	ms					0.102
11/2	8/1999	1999	880506	А	ms					0.859
04/0	6/2000	2000	880525	А	mb					0.001
08/1	6/2000	2000	0	А	mb					0
08/1	6/2000	2000	3713	А	mb					0.114
09/1	5/2000	2000	34387	А	RPT					0.941
01/1	9/2001	2000	147434	А	RPT					3.469
	7/2001	2001	250085	А	RPT					3.150
	6/2001	2001	328518	А	ms					2.407
	2/2002	2002	389056	А	tg					1.858
	3/2002	2002	408878	А	RPT					0.608
	2/2002	2002	440120	А	rm					0.959
	1/2003	2002	505416	А	ms					2.004
	8/2003	2003	536552	A	ms					0.956
	1/2003	2003	693927	A	RPT					4.830
	6/2003	2003	693927	A	ab					0
	8/2004	2003	693927	A	ab					0
	7/2004	2004	695806	A	RPT					0.058
	5/2004	2004	723969	A	RPT					0.864
	2/2004	2004	739108	A	RPT					0.465
	6/2005	2004	788665	A	RPT					1.521
	5/2005	2005	814297	A	RPT					0.787
08/0	3/2005	2005	846601	А	RPT					0.991

6/2d, 48: 15GR: 1						/pe=PODGHTML&name=PodGroundSummaryHTML.jrxml&basineteenbrack
	10/31/2005	2005	856320		RPT	
	01/31/2006	2005	866374		RPT	
	04/20/2006	2006	874208		RPT	
	07/19/2006	2006	889314		tw	0.464
	11/27/2006	2006	917719		RPT	
	04/16/2007	2007	929550		RPT	
	07/13/2007	2007	936082		RPT	
	11/03/2007	2007	942871		RPT	
	04/15/2008	2008	944140		RPT	
	07/11/2008	2008	944909		RPT	
	01/08/2009	2008	964144		RPT	
	05/07/2009	2009	976275		RPT	
	07/06/2009	2009	984911		RPT	
	11/12/2009	2009	106368			Meter Rollover 3.727
	05/13/2010	2010	257600		RPT	
	08/23/2010	2010	315189		RPT	
	11/09/2010	2010	317933		RPT	
	02/13/2011	2011	373250		RPT	
	07/12/2011	2011	468021		RPT	
	01/10/2012	2012	570894		RPT	
	04/15/2012	2012	671162		RPT	
	03/20/2013	2012	783611		RPT	
	07/18/2013	2013	842234		RPT	
	07/22/2019	2019	977178		RPT	
	04/01/2020	2020	977178	A	RPT	. 0
	**YTD Met	er Amounts:			Amount	
			1999		1.300	
			2000		4.525	
			2001		5.557	
			2002		5.429	
			2003		5.786	
			2004		2.908	
			2005		2.385	
			2006		1.576	
			2007		0.771	
			2008		0.653	
			2009		4.364	
			2010		6.492	
			2011		4.606	
			2012		9.685	
			2013		1.799	
			2019		4.141	
			2020		0	

*UTM location was derived from PLSS - see Help

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10/6/21 9:15 AM

POINT OF DIVERSION SUMMARY

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Received by QCD: 12/2/2021 9:05:48 AM



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National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	New Mexico	~	GO

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- Full News 🔊

Groundwater levels for New Mexico

Click to hide state-specific text

Important: <u>Next Generation Monitoring Location Page</u>

Search Results -- 1 sites found

Agency code = usgs site_no list =

321555103381501

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321555103381501 23S.32E.35.224111

Lea County, New Mexico Latitude 32°15'59.0", Longitude 103°38'17.6" NAD83 Land-surface elevation 3,678.00 feet above NGVD29 The depth of the well is 700 feet below land surface. This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats	
Table of data	
Tab-separated data	
Graph of data	
Reselect period	
	_

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measu
1976-12-08		D	62610		3190.61	NGVD29	3	Z	2	
1976-12-08		D	62611		3192.34	NAVD88	3	Z		
1976-12-08		D	72019	487.39			3	Z	2	

Section	Code	Description	
Water-level date-time accuracy	D	Date is accurate to the Day	
Parameter code	62610	Groundwater level above NGVD 1929, feet	
Parameter code	62611	Groundwater level above NAVD 1988, feet	
Parameter code	72019	Depth to water level, feet below land surface	
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988	
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929	
Status	3	True value is above reported value due to local conditions	

Rottins Units Waterdata uses 28/202/1 wiskowie yele 3 ite_no=321555103381501&agency_cd=USGS&format=html

Section	Code	Description
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

Questions about sites/data? Feedback on this web site Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

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U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?



Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2021-10-06 11:11:24 EDT 0.32 0.29 nadww01

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New Mexico NFHL Data





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National Water Information System: Mapper







PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

Mike Carmona NTG Environmental 701 Tradewinds BLVD Midland, TX 79706

Project: Tristie Draw 25 ROW Spill Project Number: 214707 Location: Lea County, NM

Lab Order Number: 1124011



Current Certification

Report Date: 10/06/21

NTG Environmental	Project: Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707
Midland TX, 79706	Project Manager: Mike Carmona

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1 @ 0'-1'	1124011-01	Soil	09/23/21 00:00	09-24-2021 13:20
S-1 @ 1'-1.5'	1124011-02	Soil	09/23/21 00:00	09-24-2021 13:20
S-1 @ 2'-2.5'	1124011-03	Soil	09/23/21 00:00	09-24-2021 13:20
S-1 @ 3'-3.5'	1124011-04	Soil	09/23/21 00:00	09-24-2021 13:20
S-1 @ 4'-4.5'	1124011-05	Soil	09/23/21 00:00	09-24-2021 13:20
S-2 @ 0'-1'	1124011-06	Soil	09/23/21 00:00	09-24-2021 13:20
S-2 @ 1'-1.5'	1124011-07	Soil	09/23/21 00:00	09-24-2021 13:20
S-2 @ 2'-2.5'	1124011-08	Soil	09/23/21 00:00	09-24-2021 13:20
S-2 @ 3'-3.5'	1124011-09	Soil	09/23/21 00:00	09-24-2021 13:20
S-2 @ 4'-4.5'	1124011-10	Soil	09/23/21 00:00	09-24-2021 13:20
S-3 @ 0'-1'	1124011-11	Soil	09/23/21 00:00	09-24-2021 13:20
S-3 @ 1'-1.5'	1124011-12	Soil	09/23/21 00:00	09-24-2021 13:20
S-3 @ 2'-2.5'	1124011-13	Soil	09/23/21 00:00	09-24-2021 13:20
S-3 @ 3'-3.5'	1124011-14	Soil	09/23/21 00:00	09-24-2021 13:20
S-3 @ 4'-4.5'	1124011-15	Soil	09/23/21 00:00	09-24-2021 13:20
S-4 @ 0'-1'	1124011-16	Soil	09/23/21 00:00	09-24-2021 13:20
S-4 @ 1'-1.5'	1124011-17	Soil	09/23/21 00:00	09-24-2021 13:20
S-4 @ 2'-2.5'	1124011-18	Soil	09/23/21 00:00	09-24-2021 13:20
S-4 @ 3'-3.5'	1124011-19	Soil	09/23/21 00:00	09-24-2021 13:20
S-4 @ 4'-4.5'	1124011-20	Soil	09/23/21 00:00	09-24-2021 13:20
H-1 @ 0"-6"	1124011-21	Soil	09/23/21 00:00	09-24-2021 13:20
H-2 @ 0"-6"	1124011-22	Soil	09/23/21 00:00	09-24-2021 13:20
H-3 @ 0"-6"	1124011-23	Soil	09/23/21 00:00	09-24-2021 13:20
H-4 @ 0"-6"	1124011-24	Soil	09/23/21 00:00	09-24-2021 13:20
H-5 @ 0"-6"	1124011-25	Soil	09/23/21 00:00	09-24-2021 13:20
H-6 @ 0"-6"	1124011-26	Soil	09/23/21 00:00	09-24-2021 13:20
H-7 @ 0"-6"	1124011-27	Soil	09/23/21 00:00	09-24-2021 13:20
H-8 @ 0"-6"	1124011-28	Soil	09/23/21 00:00	09-24-2021 13:20

NTG Environmental	Project: Tristie Draw 25 ROW Spill	
701 Tradewinds BLVD	Project Number: 214707	
Midland TX, 79706	Project Manager: Mike Carmona	

S-1 @ 0'-1'

1124011-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:14	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:14	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:14	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:14	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.4 %	80-120		P112605	09/26/21 16:19	09/27/21 13:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P112605	09/26/21 16:19	09/27/21 13:14	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	87.4	1.00	mg/kg dry	1	P1J0406	10/04/21 10:00	10/04/21 17:34	EPA 300.0	
% Moisture	ND	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
<u> Fotal Petroleum Hydrocarbons C6-</u>	C35 by EPA	Method	8015M						
C6-C12	ND	125	mg/kg dry	5	P1I3005	09/30/21 10:00	10/01/21 10:16	TPH 8015M	
>C12-C28	6380	125	mg/kg dry	5	P1I3005	09/30/21 10:00	10/01/21 10:16	TPH 8015M	
>C28-C35	1460	125	mg/kg dry	5	P1I3005	09/30/21 10:00	10/01/21 10:16	TPH 8015M	
Surrogate: 1-Chlorooctane		99.0 %	70-130		P113005	09/30/21 10:00	10/01/21 10:16	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P113005	09/30/21 10:00	10/01/21 10:16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	7850	125	mg/kg dry	5	[CALC]	09/30/21 10:00	10/01/21 10:16	calc	

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:	214707				
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				S-1 @	1'-1.5'				
				1124011-	-02 (Soil)				
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ironmental I	lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:35	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:35	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:35	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:35	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P112605	09/26/21 16:19	09/27/21 13:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.6 %	80-120		P112605	09/26/21 16:19	09/27/21 13:35	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	692	1.03	mg/kg dry	1	P1J0406	10/04/21 10:00	10/04/21 18:20	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 10:38	TPH 8015M	
>C12-C28	104	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 10:38	TPH 8015M	
>C28-C35	35.0	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 10:38	TPH 8015M	
Surrogate: 1-Chlorooctane		100 %	70-130		P113005	09/30/21 10:00	10/01/21 10:38	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-130		P113005	09/30/21 10:00	10/01/21 10:38	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	139	25.8	mg/kg dry	1	[CALC]	09/30/21 10:00	10/01/21 10:38	calc	

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:	214707	•			
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				S-1 @	2'-2.5'				
				1124011-	-03 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:56	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:56	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:56	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:56	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 13:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P112605	09/26/21 16:19	09/27/21 13:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P112605	09/26/21 16:19	09/27/21 13:56	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	5650	26.9	mg/kg dry	25	P1J0406	10/04/21 10:00	10/04/21 18:35	EPA 300.0	
% Moisture	7.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 20:29	TPH 8015M	
>C12-C28	41.3	26.9	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 20:29	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 20:29	TPH 8015M	
Surrogate: 1-Chlorooctane		97.8 %	70-130		P113005	09/30/21 10:00	09/30/21 20:29	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-130		P113005	09/30/21 10:00	09/30/21 20:29	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	41.3	26.9	mg/kg dry	1	[CALC]	09/30/21 10:00	09/30/21 20:29	calc	

NTC Environmental				р · .	Triatia Da	25 DOW C			
NTG Environmental			р і .	5		25 ROW Spill			
701 Tradewinds BLVD			5	Number:					
Midland TX, 79706			Project	Manager:	Mike Carmor	na			
				S-1 @	3'-3.5'				
				1124011-	04 (Soil)				
Analyte	D t	Reporting	T T 1 .	Dilli	Dist	D 1	Angland	Mathad	Natas
Anaryu	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 14:59	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 14:59	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 14:59	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 14:59	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 14:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P112605	09/26/21 16:19	09/27/21 14:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P112605	09/26/21 16:19	09/27/21 14:59	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	4670	26.3	mg/kg dry	25	P1J0406	10/04/21 10:00	10/04/21 18:50	EPA 300.0	
% Moisture	5.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	ND	26.3	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 20:51	TPH 8015M	
>C12-C28	30.2	26.3	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 20:51	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 20:51	TPH 8015M	
Surrogate: 1-Chlorooctane		99.1 %	70-130		P113005	09/30/21 10:00	09/30/21 20:51	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-130		P113005	09/30/21 10:00	09/30/21 20:51	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	30.2	26.3	mg/kg dry	1	[CALC]	09/30/21 10:00	09/30/21 20:51	calc	

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:	214707	•			
Midland TX, 79706			•		Mike Carmon	na			
				S-1 @	4'-4.5'				
				0	-05 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 15:20	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 15:20	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 15:20	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 15:20	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 15:20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P112605	09/26/21 16:19	09/27/21 15:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P112605	09/26/21 16:19	09/27/21 15:20	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	4110	26.0	mg/kg dry	25	P1J0406	10/04/21 10:00	10/04/21 19:06	EPA 300.0	
% Moisture	4.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 21:13	TPH 8015M	
>C12-C28	53.1	26.0	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 21:13	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 21:13	TPH 8015M	
Surrogate: 1-Chlorooctane		98.4 %	70-130		P113005	09/30/21 10:00	09/30/21 21:13	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-130		P113005	09/30/21 10:00	09/30/21 21:13	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	53.1	26.0	mg/kg dry	1	[CALC]	09/30/21 10:00	09/30/21 21:13	calc	

NTG Environmental				5		25 ROW Spill			
701 Tradewinds BLVD				Number:					
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				S-2 @) 0'-1'				
				1124011-	06 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 15:41	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 15:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 15:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 15:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 15:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P112605	09/26/21 16:19	09/27/21 15:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P112605	09/26/21 16:19	09/27/21 15:41	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	16500	25.0	mg/kg dry	25	P1J0406	10/04/21 10:00	10/04/21 19:21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 21:36	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 21:36	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 21:36	TPH 8015M	
Surrogate: 1-Chlorooctane		96.2 %	70-130		P113005	09/30/21 10:00	09/30/21 21:36	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-130		P113005	09/30/21 10:00	09/30/21 21:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	09/30/21 10:00	09/30/21 21:36	calc	

NTG Environmental				Project	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:		20 100 11 Opin			
Midland TX, 79706					Mike Carmon	na			
			110,000						
				S-2 @	1'-1.5'				
				1124011-	•07 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:03	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:03	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:03	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:03	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P112605	09/26/21 16:19	09/27/21 16:03	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P112605	09/26/21 16:19	09/27/21 16:03	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	513	1.02	mg/kg dry	1	P1J0406	10/04/21 10:00	10/04/21 19:36	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 22:44	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 22:44	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 22:44	TPH 8015M	
Surrogate: 1-Chlorooctane		97.8 %	70-130		P113005	09/30/21 10:00	09/30/21 22:44	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-130		P113005	09/30/21 10:00	09/30/21 22:44	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	09/30/21 10:00	09/30/21 22:44	calc	

NTG Environmental				Project	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:		23 KO W Spin			
Midland TX, 79706			•		Mike Carmon	าล			
			mojeet	managen					
				S-2 @	2'-2.5'				
				1124011-	-08 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:24	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:24	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:24	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:24	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P112605	09/26/21 16:19	09/27/21 16:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P112605	09/26/21 16:19	09/27/21 16:24	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	1030	5.10	mg/kg dry	5	P1J0406	10/04/21 10:00	10/04/21 19:52	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 23:06	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 23:06	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 23:06	TPH 8015M	
Surrogate: 1-Chlorooctane		99.7 %	70-130		P113005	09/30/21 10:00	09/30/21 23:06	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-130		P113005	09/30/21 10:00	09/30/21 23:06	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	09/30/21 10:00	09/30/21 23:06	calc	

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:		1			
Midland TX, 79706			•		Mike Carmon	na			
				S-2 @	3! 3 5!				
				1124011-					
					. ,				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:45	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:45	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:45	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:45	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 16:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P112605	09/26/21 16:19	09/27/21 16:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P112605	09/26/21 16:19	09/27/21 16:45	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	1130	5.10	mg/kg dry	5	P1J0406	10/04/21 10:00	10/04/21 20:07	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
<u>Total Petroleum Hydrocarbons C6</u>	-C35 by EP	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 23:28	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 23:28	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 23:28	TPH 8015M	
Surrogate: 1-Chlorooctane		98.7 %	70-130		P113005	09/30/21 10:00	09/30/21 23:28	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130		P113005	09/30/21 10:00	09/30/21 23:28	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	09/30/21 10:00	09/30/21 23:28	calc	

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:		1			
Midland TX, 79706			•		Mike Carmon	na			
				~ • ~					
				S-2 @					
				1124011-	-10 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:06	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:06	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:06	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:06	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P112605	09/26/21 16:19	09/27/21 17:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P112605	09/26/21 16:19	09/27/21 17:06	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	1020	5.15	mg/kg dry	5	P1J0406	10/04/21 10:00	10/04/21 20:22	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
<u>Total Petroleum Hydrocarbons C6</u>	-C35 by EP.	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 23:51	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 23:51	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	09/30/21 23:51	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130		P113005	09/30/21 10:00	09/30/21 23:51	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-130		P113005	09/30/21 10:00	09/30/21 23:51	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	09/30/21 10:00	09/30/21 23:51	calc	

NTG Environmental 701 Tradewinds BLVD				Number:	214707	25 ROW Spill			
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				S-3 @					
				1124011-	11 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	_ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:28	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:28	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:28	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:28	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.7 %	80-120		P112605	09/26/21 16:19	09/27/21 17:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-120		P112605	09/26/21 16:19	09/27/21 17:28	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	175	1.01	mg/kg dry	1	P1J0407	10/04/21 11:00	10/04/21 21:54	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 00:14	TPH 8015M	
>C12-C28	5030	25.3	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 00:14	TPH 8015M	
>C28-C35	790	25.3	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 00:14	TPH 8015M	
Surrogate: 1-Chlorooctane		104 %	70-130		P113005	09/30/21 10:00	10/01/21 00:14	TPH 8015M	
Surrogate: o-Terphenyl		111 %	70-130		P113005	09/30/21 10:00	10/01/21 00:14	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	5820	25.3	mg/kg dry	1	[CALC]	09/30/21 10:00	10/01/21 00:14	calc	

701 Tradewinds BLVD			Project	Number:	214707	1			
Midland TX, 79706			5		Mike Carmon	na			
				S-3@					
				1124011-	12 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:49	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:49	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:49	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:49	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 17:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P112605	09/26/21 16:19	09/27/21 17:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P112605	09/26/21 16:19	09/27/21 17:49	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	715	1.02	mg/kg dry	1	P1J0407	10/04/21 11:00	10/04/21 22:40	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 00:36	TPH 8015M	
>C12-C28	74.6	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 00:36	TPH 8015M	
>C28-C35	29.3	25.5	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 00:36	TPH 8015M	
Surrogate: 1-Chlorooctane		98.6 %	70-130		P113005	09/30/21 10:00	10/01/21 00:36	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-130		P113005	09/30/21 10:00	10/01/21 00:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	104	25.5	mg/kg dry	1	[CALC]	09/30/21 10:00	10/01/21 00:36	calc	

NTG Environmental 701 Tradewinds BLVD			Droiget	Project: Number:		25 ROW Spill			
Midland TX, 79706					Mike Carmon	20			
Midland TA, 79700			Project	Manager:	Mike Carmon	na			
				S-3 @					
				1124011-	13 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 18:10	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 18:10	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 18:10	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 18:10	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1I2605	09/26/21 16:19	09/27/21 18:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P112605	09/26/21 16:19	09/27/21 18:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P112605	09/26/21 16:19	09/27/21 18:10	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	141	1.03	mg/kg dry	1	P1J0407	10/04/21 11:00	10/04/21 22:56	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 00:59	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 00:59	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 00:59	TPH 8015M	
Surrogate: 1-Chlorooctane		97.1 %	70-130		P113005	09/30/21 10:00	10/01/21 00:59	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-130		P113005	09/30/21 10:00	10/01/21 00:59	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	09/30/21 10:00	10/01/21 00:59	calc	

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:	214707				
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				S-3 @	3'-3.5'				
				-	-14 (Soil)				
		Denerting							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:10	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:10	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:10	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:10	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P112804	09/28/21 15:50	09/28/21 19:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P112804	09/28/21 15:50	09/28/21 19:10	EPA 8021B	
General Chemistry Parameters by 1	EPA / Stand	dard Met	hods						
Chloride	166	1.03	mg/kg dry	1	P1J0407	10/04/21 11:00	10/04/21 23:11	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 01:21	TPH 8015M	
>C12-C28	43.9	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 01:21	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 01:21	TPH 8015M	
Surrogate: 1-Chlorooctane		98.2 %	70-130		P113005	09/30/21 10:00	10/01/21 01:21	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-130		P113005	09/30/21 10:00	10/01/21 01:21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	43.9	25.8	mg/kg dry	1	[CALC]	09/30/21 10:00	10/01/21 01:21	calc	

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:	214707				
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				S-3 @	4'-4.5'				
				1124011-	-15 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
-	Result	Liint	Onits	Dilution	Daten	Tiepared	111111/200	meniou	
		Р	ermian Ba	asin Envi	ronmental I	lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:31	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:31	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:31	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:31	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:31	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P112804	09/28/21 15:50	09/28/21 19:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P112804	09/28/21 15:50	09/28/21 19:31	EPA 8021B	
General Chemistry Parameters by 1	EPA / Stand	dard Met	hods						
Chloride	507	1.03	mg/kg dry	1	P1J0407	10/04/21 11:00	10/04/21 23:26	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 01:44	TPH 8015M	
>C12-C28	33.1	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 01:44	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1I3005	09/30/21 10:00	10/01/21 01:44	TPH 8015M	
Surrogate: 1-Chlorooctane		97.6 %	70-130		P113005	09/30/21 10:00	10/01/21 01:44	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-130		P113005	09/30/21 10:00	10/01/21 01:44	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	33.1	25.8	mg/kg dry	1	[CALC]	09/30/21 10:00	10/01/21 01:44	calc	

NTG Environmental 701 Tradewinds BLVD			Project	Number:		25 ROW Spill			
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				S-4 @					
				1124011-	16 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:52	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:52	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:52	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:52	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 19:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P112804	09/28/21 15:50	09/28/21 19:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-120		P112804	09/28/21 15:50	09/28/21 19:52	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	85.4	1.00	mg/kg dry	1	P1J0407	10/04/21 11:00	10/04/21 23:41	EPA 300.0	
% Moisture	ND	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6-	-C35 by EP/	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 11:23	TPH 8015M	
>C12-C28	199	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 11:23	TPH 8015M	
>C28-C35	32.7	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 11:23	TPH 8015M	
Surrogate: 1-Chlorooctane		86.4 %	70-130		P113006	09/30/21 11:00	10/02/21 11:23	TPH 8015M	
Surrogate: o-Terphenyl		94.8 %	70-130		P113006	09/30/21 11:00	10/02/21 11:23	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	232	25.0	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 11:23	calc	

701 Tradewinds BLVD Midland TX, 79706			5	Number:	Mike Carmon	22			
Midiand TA, 79706			Project	Manager:	Mike Carmor	118			
				S-4 @	1'-1.5'				
				1124011-	17 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:13	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:13	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:13	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:13	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P112804	09/28/21 15:50	09/28/21 20:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P112804	09/28/21 15:50	09/28/21 20:13	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	372	1.02	mg/kg dry	1	P1J0407	10/04/21 11:00	10/04/21 23:57	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
<u> Total Petroleum Hydrocarbons C6</u>	-C35 by EP	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 11:46	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 11:46	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 11:46	TPH 8015M	
Surrogate: 1-Chlorooctane		83.1 %	70-130		P113006	09/30/21 11:00	10/02/21 11:46	TPH 8015M	
Surrogate: o-Terphenyl		92.6 %	70-130		P113006	09/30/21 11:00	10/02/21 11:46	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 11:46	calc	

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:	214707				
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				S-4 @	2'-2.5'				
				1124011-	18 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:34	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:34	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:34	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:34	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P112804	09/28/21 15:50	09/28/21 20:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-120		P112804	09/28/21 15:50	09/28/21 20:34	EPA 8021B	
General Chemistry Parameters by	EPA / Stan	dard Met	hods						
Chloride	1130	5.10	mg/kg dry	5	P1J0407	10/04/21 11:00	10/05/21 00:12	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP.	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 12:08	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 12:08	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 12:08	TPH 8015M	
Surrogate: 1-Chlorooctane		82.0 %	70-130		P113006	09/30/21 11:00	10/02/21 12:08	TPH 8015M	
Surrogate: o-Terphenyl		91.7 %	70-130		P113006	09/30/21 11:00	10/02/21 12:08	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 12:08	calc	

NTG Environmental				Drojact	Trictia Drow	25 ROW Spill			
701 Tradewinds BLVD			Ducia	Number:		25 KOW Spili			
Midland TX, 79706			•		Mike Carmon				
Midiand TX, 79706			Project	Manager:	wirke Carmon	la			
				S-4 @					
				1124011-	-19 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:55	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:55	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:55	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:55	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 20:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P112804	09/28/21 15:50	09/28/21 20:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P112804	09/28/21 15:50	09/28/21 20:55	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	1240	5.10	mg/kg dry	5	P1J0407	10/04/21 11:00	10/05/21 00:27	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 12:31	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 12:31	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 12:31	TPH 8015M	
Surrogate: 1-Chlorooctane		83.0 %	70-130		P113006	09/30/21 11:00	10/02/21 12:31	TPH 8015M	
Surrogate: o-Terphenyl		92.5 %	70-130		P113006	09/30/21 11:00	10/02/21 12:31	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 12:31	calc	

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:	214707				
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				S-4 @	4'-4.5'				
				1124011-	20 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:16	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:16	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:16	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:16	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P112804	09/28/21 15:50	09/28/21 21:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P112804	09/28/21 15:50	09/28/21 21:16	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	1100	5.10	mg/kg dry	5	P1J0407	10/04/21 11:00	10/05/21 00:42	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 12:53	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 12:53	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 12:53	TPH 8015M	
Surrogate: 1-Chlorooctane		83.4 %	70-130		P113006	09/30/21 11:00	10/02/21 12:53	TPH 8015M	
Surrogate: o-Terphenyl		93.2 %	70-130		P113006	09/30/21 11:00	10/02/21 12:53	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 12:53	calc	

NTG Environmental				5		25 ROW Spill			
701 Tradewinds BLVD				Number:					
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				H-1 @	0''-6''				
				1124011-	21 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:37	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:37	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:37	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:37	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P112804	09/28/21 15:50	09/28/21 21:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P112804	09/28/21 15:50	09/28/21 21:37	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	6.04	1.00	mg/kg dry	1	P1J0407	10/04/21 11:00	10/05/21 01:28	EPA 300.0	
% Moisture	ND	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 13:16	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 13:16	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 13:16	TPH 8015M	
Surrogate: 1-Chlorooctane		79.4 %	70-130		P113006	09/30/21 11:00	10/02/21 13:16	TPH 8015M	
Surrogate: o-Terphenyl		91.3 %	70-130		P113006	09/30/21 11:00	10/02/21 13:16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 13:16	calc	

NTG Environmental 701 Tradewinds BLVD			Project	Number:		25 ROW Spill			
Midland TX, 79706			5		Mike Carmor	na			
			j						
				H-2 @					
				1124011-	22 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Kesun	Liiiit	Units	Dilution	Datell	Flepared	7 mary2ed	Wethod	rotes
		Р	ermian Ba	asin Envi	ronmental L	lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:58	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:58	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:58	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:58	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 21:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P112804	09/28/21 15:50	09/28/21 21:58	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P112804	09/28/21 15:50	09/28/21 21:58	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	5.76	1.00	mg/kg dry	1	P1J0407	10/04/21 11:00	10/05/21 02:14	EPA 300.0	
% Moisture	ND	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	5-C35 by EPA	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 13:38	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 13:38	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 13:38	TPH 8015M	
Surrogate: 1-Chlorooctane		77.2 %	70-130		P113006	09/30/21 11:00	10/02/21 13:38	TPH 8015M	
Surrogate: o-Terphenyl		87.2 %	70-130		P113006	09/30/21 11:00	10/02/21 13:38	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 13:38	calc	

701 Tradewinds BLVD Midland TX, 79706			5	Number: Manager:	Mike Carmor	na			
				н 2 О					
				H-3 @ 1124011-					
					()				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	isin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:01	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:01	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:01	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P112804	09/28/21 15:50	09/28/21 23:01	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P112804	09/28/21 15:50	09/28/21 23:01	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	ND	1.00	mg/kg dry	1	P1J0407	10/04/21 11:00	10/05/21 02:29	EPA 300.0	
% Moisture	ND	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 14:01	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 14:01	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 14:01	TPH 8015M	
Surrogate: 1-Chlorooctane		75.3 %	70-130		P113006	09/30/21 11:00	10/02/21 14:01	TPH 8015M	
Surrogate: o-Terphenyl		86.1 %	70-130		P113006	09/30/21 11:00	10/02/21 14:01	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 14:01	calc	

701 Tradewinds BLVD Midland TX, 79706				Number: Manager:	214707 Mike Carmor	na			
				H-4 @ 1124011-					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:22	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:22	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:22	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-120		P112804	09/28/21 15:50	09/28/21 23:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-120		P112804	09/28/21 15:50	09/28/21 23:22	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	5.35	1.00	mg/kg dry	1	P1J0407	10/04/21 11:00	10/05/21 02:45	EPA 300.0	
% Moisture	ND	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 14:24	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 14:24	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 14:24	TPH 8015M	
Surrogate: 1-Chlorooctane		77.1 %	70-130		P113006	09/30/21 11:00	10/02/21 14:24	TPH 8015M	
Surrogate: o-Terphenyl		86.0 %	70-130		P113006	09/30/21 11:00	10/02/21 14:24	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 14:24	calc	

701 Tradewinds BLVD			5	Number:					
Midland TX, 79706			Project	Manager:	Mike Carmor	na			
				H-5 @	0''-6''				
				1124011-	25 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:44	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:44	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:44	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/28/21 23:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P112804	09/28/21 15:50	09/28/21 23:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-120		P112804	09/28/21 15:50	09/28/21 23:44	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	21.9	1.00	mg/kg dry	1	P1J0407	10/04/21 11:00	10/05/21 03:00	EPA 300.0	
% Moisture	ND	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons C6	5-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 14:46	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 14:46	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 14:46	TPH 8015M	
Surrogate: 1-Chlorooctane		75.8 %	70-130		P113006	09/30/21 11:00	10/02/21 14:46	TPH 8015M	
Surrogate: o-Terphenyl		82.5 %	70-130		P113006	09/30/21 11:00	10/02/21 14:46	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 14:46	calc	

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD	Project Number: 214707								
Midland TX, 79706		Project Manager: Mike Carmona							
				H-6 @	0''-6''				
				1124011-	26 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:05	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:05	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-120		P112804	09/28/21 15:50	09/29/21 00:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-120		P112804	09/28/21 15:50	09/29/21 00:05	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	2.22	1.00	mg/kg dry	1	P1J0407	10/04/21 11:00	10/05/21 03:15	EPA 300.0	
% Moisture	ND	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
<u>Total Petroleum Hydrocarbons C6</u>	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 15:54	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 15:54	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 15:54	TPH 8015M	
Surrogate: 1-Chlorooctane		78.5 %			P113006	09/30/21 11:00	10/02/21 15:54	TPH 8015M	
Surrogate: o-Terphenyl		87.7 %			P113006	09/30/21 11:00	10/02/21 15:54	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 15:54	calc	
701 Tradewinds BLVD Midland TX, 79706			5	Number: Manager:	Mike Carmon	na			
--	---------------	--------------------	-----------	---------------------	-------------	----------------	----------------	------------	-------
				H-7 @					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	ısin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:26	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:26	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:26	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:26	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P112804	09/28/21 15:50	09/29/21 00:26	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-120		P112804	09/28/21 15:50	09/29/21 00:26	EPA 8021B	
General Chemistry Parameters by	y EPA / Stand	lard Met	hods						
Chloride	1.98	1.00	mg/kg dry	1	P1J0407	10/04/21 11:00	10/05/21 03:30	EPA 300.0	
% Moisture	ND	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
Total Petroleum Hydrocarbons Co	6-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 16:16	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 16:16	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 16:16	TPH 8015M	
Surrogate: 1-Chlorooctane		77.6 %	70-130		P113006	09/30/21 11:00	10/02/21 16:16	TPH 8015M	
Surrogate: o-Terphenyl		85.0 %	70-130		P113006	09/30/21 11:00	10/02/21 16:16	TPH 8015M	
Total Petroleum Hydrocarbon	ND	25.0	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 16:16	calc	
C6-C35									

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:	214707	-			
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				H-8 @	0''-6''				
				1124011-	28 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Dromound	Analyzed	Method	Notes
	Kesuit	Limit	Units	Dilution	Daten	Prepared	Analyzed	Wiethou	
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:47	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:47	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:47	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:47	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1I2804	09/28/21 15:50	09/29/21 00:47	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-120		P112804	09/28/21 15:50	09/29/21 00:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P112804	09/28/21 15:50	09/29/21 00:47	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	1.71	1.00	mg/kg dry	1	P1J0407	10/04/21 11:00	10/05/21 03:46	EPA 300.0	
% Moisture	ND	0.1	%	1	P1I2601	09/26/21 11:11	09/26/21 11:14	ASTM D2216	
<u>Total Petroleum Hydrocarbons C6</u>	-C35 by EP/	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 16:38	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 16:38	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1I3006	09/30/21 11:00	10/02/21 16:38	TPH 8015M	
Surrogate: 1-Chlorooctane		83.5 %	70-130		P113006	09/30/21 11:00	10/02/21 16:38	TPH 8015M	
Surrogate: o-Terphenyl		91.2 %	70-130		P113006	09/30/21 11:00	10/02/21 16:38	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	09/30/21 11:00	10/02/21 16:38	calc	

NTG Environmental	Project: Tristie Draw 25 ROW Spil	1
701 Tradewinds BLVD	Project Number: 214707	
Midland TX, 79706	Project Manager: Mike Carmona	

Permian Basin Environmental Lab, L.P.

Amelyte	D a14	Reporting	T I.e. !+-	Spike	Source	0/DEC	%REC	סחת	RPD Limit	NT-4-
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1I2605 - *** DEFAULT PREP ***										
Blank (P1I2605-BLK1)				Prepared: (09/26/21 At	nalyzed: 09	/27/21			
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.9	80-120			
LCS (P112605-BS1)				Prepared: ()9/26/21 Ai	nalyzed: 09	/27/21			
Benzene	0.0914	0.00100	mg/kg wet	0.100		91.4	70-130			
Toluene	0.0898	0.00100	"	0.100		89.8	70-130			
Ethylbenzene	0.0852	0.00100	"	0.100		85.2	70-130			
Xylene (p/m)	0.176	0.00200	"	0.200		87.8	70-130			
Xylene (o)	0.0940	0.00100	"	0.100		94.0	70-130			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.5	80-120			
LCS Dup (P112605-BSD1)				Prepared: ()9/26/21 Aı	nalyzed: 09	/27/21			
Benzene	0.0922	0.00100	mg/kg wet	0.100		92.2	70-130	0.850	20	
Toluene	0.0911	0.00100	"	0.100		91.1	70-130	1.48	20	
Ethylbenzene	0.0870	0.00100	"	0.100		87.0	70-130	2.13	20	
Xylene (p/m)	0.178	0.00200	"	0.200		89.1	70-130	1.46	20	
Xylene (o)	0.0948	0.00100	"	0.100		94.8	70-130	0.763	20	
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.5	80-120			
Calibration Blank (P1I2605-CCB1)				Prepared: ()9/26/21 Aı	nalyzed: 09	/27/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.9	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting	·	Spike	Source	o · =	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1I2605 - *** DEFAULT PREP ***										
Calibration Blank (P1I2605-CCB2)				Prepared: 0	<u>9/26/</u> 21 Ar	alyzed: 09	/27/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Calibration Blank (P112605-CCB3)				Prepared: 0	9/26/21 Ar	alyzed: 09	/27/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		105	80-120			
Calibration Check (P112605-CCV1)				Prepared: 0)9/26/21 Ar	alyzed: 09	/27/21			
Benzene	0.100	0.00100	mg/kg wet	0.100		100	80-120			
Toluene	0.0984	0.00100	"	0.100		98.4	80-120			
Ethylbenzene	0.0953	0.00100	"	0.100		95.3	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.6	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	75-125			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		98.8	75-125			
Calibration Check (P112605-CCV2)				Prepared: 0)9/26/21 Ar	alyzed: 09	/27/21			
Benzene	0.106	0.00100	mg/kg wet	0.100		106	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.203	0.00200	"	0.200		102	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.8	75-125			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian	Basin	Environmental	Lab,	L.P.
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Prepared: 09/26/21 Analyzed: 09/27/21 Dearcen 0.105 0.00100 method mark wet 0.100 1.05 80-120 Tolacene 0.102 0.00100 * 0.100 102 80-120 Tolacene 0.002 0.00100 * 0.100 99.4 80-120 Skipfencéne 0.0094 0.00100 * 0.100 80-120 * Skimmedici 1,4-Diffuenobenizene 0.117 0.00100 * 0.100 80-120 * Skimmedici 1,4-Diffuenobenizene 0.119 * 0.120 98.5 75-125 * * Skimmedici 1,4-Diffuenobenizene 0.118 * 0.120 98.7 75-125 * * Skimmedici 1,4-Diffuenobenizene 0.118 0.120 98.7 75-125 * * 1.020 * 0.013 ND 89.7 80-120 * \$ \$ 0.013 ND 89.7 80-120 * \$ \$ 0.013 ND 8.0	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Benzence 0.105 0.00100 mgk wet 0.100 105 80-120 Toluene 0.0020 " 0.000 102 80-120 Kiplencyme 0.00940 " 0.000 107 80-120 Xylene (p'm) 0.201 0.00200 " 0.200 100 80-120 Surrogate: 1.4Difbuorobenzene 0.117 0.0100 " 0.100 107 80-120 Surrogate: 1.4Difbuorobenzene 0.118 " 0.120 99.5 75-125 Matrix Spike (P112605-MS1) Source: 1124011-13 Prepared: 09/27/21 Ethylenzene Benzene 0.0952 0.00103 mgkg dry 0.103 ND 80-120 QM Surrogate: 4.120 " 0.103 ND 80-120 QM Surrogate: 4.124 0.013 ND 80-120 QM Surrogate: 4.124 9.5 80-120 QM Surrogate: 4.120 0.013 ND 88.0 80-120 QM Surrogate: 4.1	Batch P1I2605 - *** DEFAULT PREP ***										
Toluene 0.102 0.0100 * 0.100 102 80-120 Ethylsensene 0.0994 0.00100 * 0.100 99.4 80-120 Sylene (pim) 0.201 0.00200 * 0.200 1000 80-120 Swregate: 1.4:Diffuenobenzene 0.117 0.00100 * 0.120 99.5 73-125 Swregate: - 0.118 * 0.120 99.5 73-125 Swregate: - 0.0932 0.00103 * 0.103 ND 99.4 80-120 Toluene 0.0932 0.00103 * 0.103 ND 80.7 80-120 QM Toluene 0.0932 0.00103 * 0.103 ND 88.2 80-120 QM Sylene (pim) 0.171 0.00206 * 0.206 ND 83.1 80-120 QM Swregate: 1.4:011.43 m 0.123 ND 88.2 80-120 QM QD	Calibration Check (P112605-CCV3)				Prepared: ()9/26/21 A	nalyzed: 09	9/27/21			
Ethylenene 0.0994 0.010 * 0.100 99.4 80-120 Xylene (n) 0.0201 0.0200 * 0.200 0.107 80-120 Xylene (n) 0.017 0.0107 0.010 * 0.107 80-120 Swrogate: 1.4-Diffuorbenene 0.118 * 0.120 75-125 * 75-125 Matrix Spike (P112605-MS1) Source: 112401-13 Prepared: 09/26/21 Analyzet: 09/27/21 Number of the second	Benzene	0.105	0.00100	mg/kg wet	0.100		105	80-120			
Ny Ny 0.201 0.000 * 0.200 100 80-120 Xylene (n) 0.107 0.0100 0.100 0.107 80-120 99.3 75-125 Surrogate: 1.4.Difluorobenzene 0.117 * 0.120 99.3 75-125 Marix Spice (P112605-MS1) Source: 1124011-15 Prepared: 09/26/21 Analyzed: 09/27/21 Source: 1200 Benzene 0.0932 0.00103 mg/k dry 0.103 ND 85.7 80-120 Editybenzene 0.0484 0.00103 * 0.103 ND 85.2 80-120 Sylene (n) 0.017 0.00103 * 0.103 ND 85.2 80-120 Sylene (n) 0.017 0.00103 * 0.103 ND 85.2 80-120 Sylene (n) 0.017 0.00103 * 0.103 ND 85.2 80-120 1.62 20 Sylene (n) 0.0103 mg/k dry 0.103 ND 84.3 80-120 1.62 20 Sylene (n) 0.00103 mg/k dry 0.103 ND </td <td>Toluene</td> <td>0.102</td> <td>0.00100</td> <td>"</td> <td>0.100</td> <td></td> <td>102</td> <td>80-120</td> <td></td> <td></td> <td></td>	Toluene	0.102	0.00100	"	0.100		102	80-120			
Xylenc (o) 0.107 0.000 " 0.100 107 80-120 Surrogate: 1,4-Difluorobenzene 0.119 " 0.120 99.5 75-125 Surrogate: 4-Bromofluorobenzene 0.118 " 0.120 98.1 75-125 Matris Spike (P112605-MS1) Source: 1124011-13 Prepared: 09/26/21 Analyzed: 09/27/21 Network Benzene 0.0932 0.00103 " 0.103 ND 88.7 80-120 Ethylbenzene 0.0484 0.00103 " 0.103 ND 85.7 80-120 QM Sylenc (o) 0.0910 0.00103 " 0.103 ND 85.7 80-120 QM Sylenc (o) 0.0910 0.00103 " 0.103 ND 85.2 80-120 QM Sylenc (o) 0.0910 0.00103 " 0.124 99.5 80-120 QM Surrogate: 1,4-Difluorobenzene 0.0917 0.0013 mg/kg dry 0.103 ND 84.3 80-120 1.62 20 Surrogate: 1,4-Difluorobenzene 0.0412 <td0< td=""><td>Ethylbenzene</td><td>0.0994</td><td>0.00100</td><td>"</td><td>0.100</td><td></td><td>99.4</td><td>80-120</td><td></td><td></td><td></td></td0<>	Ethylbenzene	0.0994	0.00100	"	0.100		99.4	80-120			
Norogate: 1,4-Difluorobenzene 0.119 " 0.120 96.5 75-125 Surrogate: 4-Bromofluorobenzene 0.118 " 0.120 98.1 75-125 Matrix Spike (P112605-MS1) Source: 1124011-13 Prepared: 09/26/21 Analyzed: 09/27/21 Benzene 0.0952 0.00103 mg/kg dry 0.103 ND 96.4 80-120 Education 0.0883 0.00103 " 0.103 ND 46.9 80-120 QM Kylene (p'm) 0.171 0.00206 " 0.206 ND 83.1 80-120 QM Surrogate: J-DDfluorobenzene 0.121 " 0.124 96.7 80-120 Surrogate: J-DDfluorobenzene 0.120 " 0.124 96.7 80-120 QM Surrogate: J-DDfluorobenzene 0.0917 0.0013 mg/kg dry 0.103 ND 84.9 80-120 QM QM Surrogate: J-DDfluorobenzene <td< td=""><td>Xylene (p/m)</td><td>0.201</td><td>0.00200</td><td>"</td><td>0.200</td><td></td><td>100</td><td>80-120</td><td></td><td></td><td></td></td<>	Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
annogate: 1.7.9 0.1.0 9.1.7 7.4.1.3 Surrogate: 4.0108 " 0.120 98.1 7.5.2.5 Matrix Spike (P112605-MS1) Source: II24011-1.3 Prepared: 0.9032 0.00103 " 0.103 ND 90.4 80-120 Einlynee 0.0883 0.00103 " 0.103 ND 85.7 80-120 QM Skylene (pin) 0.171 0.00206 " 0.206 ND 83.1 80-120 QM Skylene (pin) 0.171 0.00206 " 0.206 ND 88.2 80-120 QM Skylene (pin) 0.171 0.00206 " 0.103 ND 88.2 80-120 Skylene (pin) 0.120 " 0.124 96.7 80-120 Skylene (pin) 0.120 " 0.103 ND 84.3 80-120 1.62 20 Skylene (pin) 0.167 0.00206 " 0.103 ND 84.3 80-120 2.60 20	Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Matrix Spike (PI12605-MS1) Source: I124011-13 Prepared: 09/26/21 Analyzed: 09/27/21 Ednyshence 0.0932 0.00103 mg/kg dry 0.103 ND 80-120	Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.5	75-125			
Denzene 0.0932 0.00103 mg/kg dry 0.103 ND 90.4 80-120 Toluene 0.0883 0.00103 " 0.103 ND 85.7 80-120 QM Ethylbenzene 0.0484 0.00103 " 0.103 ND 46.9 80-120 QM Xylene (p/m) 0.171 0.00206 " 0.206 ND 83.1 80-120 QM Surrogate: 1.4-Difluorobenzene 0.123 " 0.124 99.3 80-120 Matrix Spike Dup (P112605-MSD1) Source: 1124011-13 Prepared: 09/26/21 Analyzed: 09/27/21 Benzene 0.0917 0.00103 " 0.103 ND 84.3 80-120 1.62 20 Toluene 0.0869 0.00103 " 0.103 ND 84.3 80-120 2.60 20 Kylene (n/m) 0.167 0.00206 " 0.206 ND 81.0 80-120 2.60 20 20 Sur	Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.1	75-125			
Toluene 0.0883 0.00103 " 0.103 ND 85.7 80-120 QM Ethylbenzene 0.0484 0.00103 " 0.103 ND 46.9 80-120 QM Xylene (p/m) 0.171 0.00206 " 0.206 ND 83.1 80-120 X0 Xylene (o) 0.0910 0.00103 " 0.103 ND 88.2 80-120 X0 Surrogati: 1-4-Difluorobenzene 0.123 " 0.124 96.7 80-120 X0	Matrix Spike (P1I2605-MS1)	Sou	rce: 1124011-	-13	Prepared: ()9/26/21 A	nalyzed: 09	9/27/21			
Ethylbenzene 0.0484 0.0013 " 0.103 ND 4.6.9 80-120 VM VM Xylene (p'm) 0.0171 0.00206 " 0.206 ND 83.1 80-120 VM VM <t< td=""><td>Benzene</td><td>0.0932</td><td>0.00103</td><td>mg/kg dry</td><td>0.103</td><td>ND</td><td>90.4</td><td>80-120</td><td></td><td></td><td></td></t<>	Benzene	0.0932	0.00103	mg/kg dry	0.103	ND	90.4	80-120			
Nylene (p/m) 0.171 0.00206 " 0.206 ND 83.1 80-120 Xylene (o) 0.0910 0.00103 " 0.103 ND 88.2 80-120 Surrogate: 1,4-Difluorobenzene 0.123 " 0.124 99.5 80-720 Matrix Spike Dup (P112605-MSD1) Source: 1124011-13 Prepared: 09/27/21 Analyzed: 09/27/21 Benzene 0.0917 0.00103 mg/kg dry 0.103 ND 88.9 80-120 1.62 20 Toluene 0.0869 0.00103 " 0.103 ND 84.3 80-120 1.66 20 Kylene (y/m) 0.167 0.00206 " 0.103 ND 84.3 80-120 2.60 20 Surrogate: 1,4-Difluorobenzene 0.0442 0.00103 " 0.103 ND 48.3 80-120 2.60 20 Stylene (n/m) 0.167 0.00206 " 0.124 99.2 80-120 2.60 20 Surrogate: 1,4-Difluorobenzene 0.121 " 0.124 99.0 80-120 30.0	Toluene	0.0883	0.00103	"	0.103	ND	85.7	80-120			
Number of the second	Ethylbenzene	0.0484	0.00103	"	0.103	ND	46.9	80-120			QM-0
Applie (b) 0.010 0.010 0.010 0.010 0.010 0.010 0.011	Xylene (p/m)	0.171	0.00206	"	0.206	ND	83.1	80-120			
Marring and Pignan Pigna Pignan Pigna Pigna Pignan Pignan Pignan Pignan Pignan Pignan Pign	Xylene (o)	0.0910	0.00103	"	0.103	ND	88.2	80-120			
Matrix Spike Dup (P112605-MSD1) Source: 1124011-13 Prepared: 09/26/21 Analyzed: 09/27/21 Benzene 0.0917 0.00103 mg/kg dry 0.103 ND 88.9 80-120 1.62 20 Toluene 0.0869 0.00103 " 0.103 ND 84.3 80-120 1.66 20 Ethylbenzene 0.0442 0.00103 " 0.103 ND 84.3 80-120 1.66 20 Xylene (p/m) 0.167 0.00206 " 0.206 ND 81.0 80-120 2.60 20 QM Surrogate: 1,4-Difluorobenzene 0.123 " 0.124 99.2 80-120 30.35 20	Surrogate: 1,4-Difluorobenzene	0.123		"	0.124		99.5	80-120			
Benzene 0.0917 0.00103 mg/kg dry 0.103 ND 88.9 80-120 1.62 20 Toluene 0.0869 0.00103 " 0.103 ND 84.3 80-120 1.66 20 Ethylbenzene 0.0442 0.00103 " 0.103 ND 84.3 80-120 1.66 20 Xylene (p/m) 0.167 0.00206 " 0.206 ND 81.0 80-120 2.60 20 Xylene (o) 0.0913 0.00103 " 0.103 ND 88.5 80-120 0.305 20 Surrogate: 1,4-Difluorobenzene 0.121 " 0.124 99.2 80-120 305 20 Batch P112804 - *** DEFAULT PREP *** 98.0 80-120 305 20 Banx (P112804 - *** DEFAULT PREP *** Prepared & Analyzed: 09/28/21 98.0 80-120 305 20 305 20 305 305 305 305 305 </td <td>Surrogate: 4-Bromofluorobenzene</td> <td>0.120</td> <td></td> <td>"</td> <td>0.124</td> <td></td> <td>96.7</td> <td>80-120</td> <td></td> <td></td> <td></td>	Surrogate: 4-Bromofluorobenzene	0.120		"	0.124		96.7	80-120			
Toluene 0.0869 0.00103 " 0.103 ND 84.3 80-120 1.66 20 Ethylbenzene 0.0442 0.00103 " 0.103 ND 42.9 80-120 9.00 20 QM Xylene (p/m) 0.167 0.00206 " 0.206 ND 81.0 80-120 2.60 20 Surrogate: 1,4-Difluorobenzene 0.123 " 0.124 99.2 80-120 0.305 20 Surrogate: 4-Bromofluorobenzene 0.121 " 0.124 98.0 80-120 Batch P112804 - *** DEFAULT PREP *** " 0.124 98.0 80-120 Bank (P112804-BLK1) Prepared & Analyzed: 09/28/21 Banene ND 0.00100 "	Matrix Spike Dup (P1I2605-MSD1)	Sou	rce: 1124011-	-13	Prepared: ()9/26/21 A	nalyzed: 09	9/27/21			
Indication 0.0000 0.00103 0.103 ND 0.0120 1.00 20 Ethylbenzene 0.0442 0.00103 " 0.103 ND 42.9 80-120 9.00 20 QM Xylene (p/m) 0.167 0.00206 " 0.206 ND 81.0 80-120 2.60 20 Surrogate: 1.4-Difluorobenzene 0.123 " 0.103 ND 88.5 80-120 0.305 20 Surrogate: 1.4-Difluorobenzene 0.123 " 0.124 99.2 80-120 0.305 20 Batch P112804 - *** DEFAULT PREP *** " 0.124 98.0 80-120 Bank (P112804 - *** DEFAULT PREP *** Prepared & Analyzed: 09/28/21 " Benzene ND 0.00100 " " Stylene (p/m) ND 0.00100 " Stylene (o) ND 0	Benzene	0.0917	0.00103	mg/kg dry	0.103	ND	88.9	80-120	1.62	20	
Xylene (p/m) 0.167 0.00206 " 0.206 ND 81.0 80-120 2.60 20 Xylene (o) 0.0913 0.00103 " 0.103 ND 88.5 80-120 2.60 20 Surrogate: 1,4-Difluorobenzene 0.123 " 0.124 99.2 80-120 0.305 20 Surrogate: 4-Bromofluorobenzene 0.121 " 0.124 99.0 80-120 Surrogate Batch P112804 - *** DEFAULT PREP *** Prepared & Analyzed: 09/28/21 Surrogate: 09/28/21 Surrogate: 09/28/21 Surrogate: 09/28/21 Benzene ND 0.00100 mg/kg wet Surrogate: 09/28/21 Surrogate: 09/28/21 Surrogate: 09/28/21 Surrogate: 0/00 "D 0.00100 " Surrogate: 09/28/21 Surrogate: 09/28/21 Surrogate: 09/28/21 Benzene ND 0.00100 " Surrogate: 09/28/21 Surrogate: 09/28/21 Surrogate: 09/28/21 Surrogate: 09/28/21 Surrogate: 09/28/21 Surrogate: 0/00 ND 0.00100 " Surrogate: 09/28/21 Surrogate: 09/28/21 Surrogate: 09/28/21 Surrogate: 09/28/21	Toluene	0.0869	0.00103	"	0.103	ND	84.3	80-120	1.66	20	
Xylene (o) 0.0913 0.00103 " 0.103 ND 88.5 80-120 0.305 20 Surrogate: 1,4-Difluorobenzene 0.123 " 0.124 99.2 80-120 20 Surrogate: 4-Bromofluorobenzene 0.121 " 0.124 98.0 80-120 20 Batch P112804 - *** DEFAULT PREP *** " 0.124 98.0 80-120 20 Bank (P112804 - *** DEFAULT PREP *** Prepared & Analyzed: 09/28/21 " - <	Ethylbenzene	0.0442	0.00103	"	0.103	ND	42.9	80-120	9.00	20	QM-0
Surrogate: 1,4-Difluorobenzene 0.123 " 0.124 99.2 80-120 Surrogate: 4-Bromofluorobenzene 0.121 " 0.124 98.0 80-120 Batch P112804 - *** DEFAULT PREP *** Prepared & Analyzed: 09/28/21 Bank (P112804-BLK1) Prepared & Analyzed: 09/28/21 Benzene ND 0.00100 " Toluene ND 0.00100 " Ethylbenzene ND 0.00100 " Xylene (p/m) ND 0.00100 " Surrogate: 1,4-Difluorobenzene 0.132 " 0.120	Xylene (p/m)	0.167	0.00206	"	0.206	ND	81.0	80-120	2.60	20	
Surrogate: 1,4-Difluorobenzene 0.123 0.124 99.2 80-120 Batch P112804 - *** DEFAULT PREP *** Prepared & Analyzed: 09/28/21 Bank (P112804-BLK1) Prepared & Analyzed: 09/28/21 Benzene ND 0.00100 mg/kg wet Toluene ND 0.00100 " Ethylbenzene ND 0.00100 " Xylene (p/m) ND 0.00200 " Xylene (o) ND 0.00100 " Surrogate: 1,4-Difluorobenzene 0.124 98.0 80-120	Xylene (o)	0.0913	0.00103	"	0.103	ND	88.5	80-120	0.305	20	
Batch P112804 - *** DEFAULT PREP *** Prepared & Analyzed: 09/28/21 Bank (P112804-BLK1) Prepared & Analyzed: 09/28/21 Benzene ND 0.00100 mg/kg wet Toluene ND 0.00100 " Ethylbenzene ND 0.00100 " Xylene (p/m) ND 0.00100 " Surrogate: 1,4-Difluorobenzene 0.132 " 0.120	Surrogate: 1,4-Difluorobenzene	0.123		"	0.124		99.2	80-120			
Blank (P112804-BLK1) Prepared & Analyzed: 09/28/21 Benzene ND 0.00100 mg/kg wet Toluene ND 0.00100 " Ethylbenzene ND 0.00100 " Xylene (p/m) ND 0.00200 " Xylene (o) ND 0.00100 " Surrogate: 1,4-Difluorobenzene 0.132 " 0.120	Surrogate: 4-Bromofluorobenzene	0.121		"	0.124		98.0	80-120			
ND 0.00100 mg/kg wet Toluene ND 0.00100 " Ethylbenzene ND 0.00100 " Xylene (p/m) ND 0.00200 " Xylene (o) ND 0.00100 " Surrogate: 1,4-Difluorobenzene 0.132 " 0.120 110 80-120	Batch P1I2804 - *** DEFAULT PREP ***										
ND 0.00100 " Ethylbenzene ND 0.00100 " Xylene (p/m) ND 0.00200 " Xylene (o) ND 0.00100 " Surrogate: 1,4-Difluorobenzene 0.132 " 0.120 110 80-120					Prepared &	Analyzed:	09/28/21				
ND 0.00100 Ethylbenzene ND 0.00100 Xylene (p/m) ND 0.00200 Xylene (o) ND 0.00100 Surrogate: 1,4-Difluorobenzene 0.132 " 0.120	Benzene	ND	0.00100	mg/kg wet	-	-					
Xylene (p/m) ND 0.00100 Xylene (o) ND 0.00100 Surrogate: 1,4-Difluorobenzene 0.132 " 0.120	Toluene	ND	0.00100	"							
Xylene (o) ND 0.00100 " Surrogate: 1,4-Difluorobenzene 0.132 " 0.120 110 80-120	Ethylbenzene	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene 0.132 " 0.120 110 80-120	Xylene (p/m)	ND	0.00200	"							
Surrogaie. 1,4-Dijuurobenzene 0.152 0.120 110 80-120	Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene 0.125 " 0.120 104 80-120	Surrogate: 1,4-Difluorobenzene	0.132		"	0.120		110	80-120			
	Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

AnalyneResultInititUnititLevelResult% eRsult% HPDLinitNotesBarche P12804 -*** DEFAULT PREP ***			Reporting		Spike	Source		%REC		RPD	
Prepared & Analyzed: 09/28/21 Brazzace 0.0930 0.00100 mgk wet 0.100 93.0 70-130 Brazzace 0.0986 0.00100 * 0.100 85.6 70-130 Brazzace 0.0986 0.00100 * 0.100 85.2 70-130 Skjene (p/m) 0.171 0.00200 * 0.200 85.5 70-130 Skrjene (p/m) 0.171 0.00200 * 0.200 85.5 70-130 Skrjene (p/m) 0.171 0.00200 * 0.100 86.4 70-130 Skrjene (p/m) 0.127 0.17 0.17 84.4 80-120 Skrjene (p/m) 0.131 * 0.120 94.4 80-120 Itsemathe 0.0997 0.00100 * 0.100 96.6 70-130 6.96 20 Itsemathe 0.0996 0.00100 * 0.100 96.6 70-130 5.17 20 Skrine (p/m) 0.180 0.020 <t< td=""><td>Analyte</td><td>Result</td><td></td><td>Units</td><td>Level</td><td>Result</td><td>%REC</td><td>Limits</td><td>RPD</td><td>Limit</td><td>Notes</td></t<>	Analyte	Result		Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Benzene 0.0930 0.00100 mg/kg wet 0.100 93.0 70-130 Toluene 0.0886 0.00100 * 0.100 89.6 70-130 Kylene (p/m) 0.171 0.0020 * 0.200 85.5 70-130 Swrogate: 1.4-Diffuorobenzene 0.171 0.0020 * 0.200 85.5 70-130 Swrogate: 1.4-Diffuorobenzene 0.171 0.0020 * 0.120 84.4 70-130 Swrogate: 1.4-Diffuorobenzene 0.171 * 0.120 94.4 84-120 LCS Dup (P11280-BSD1) Prepared & Analyzed: 0997 70-130 6.99 20 Ehrightenze 0.0997 0.00100 * 0.100 96.6 70-130 6.99 20 Ehrightenze 0.0997 0.0100 * 0.100 96.6 6.11 20 Sylene (p/m) 0.180 0.0020 * 0.200 90.1 70-130 6.517 20 <td< td=""><td>Batch P1I2804 - *** DEFAULT PREP ***</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Batch P1I2804 - *** DEFAULT PREP ***										
Toluene 0.0896 0.00100 * 0.100 89.6 70-130 Ethlyhsnoene 0.0852 0.00100 * 0.100 85.5 70-130 Sylene (yim) 0.171 0.00200 * 0.100 86.4 70-130 Surrogate: 1,4-Difluorobenzene 0.121 * 0.120 0.44 80-120 Surrogate: 4-Bramufluorobenzene 0.121 * 0.120 0.94 80-120 ECS Dur (P112804-BSD1) Prepared & Analyzed: 09/28/24 80-120 20 20 Benzene 0.0900 0.0010 mg/kg wet 0.100 99.6 20 Toluene 0.0906 0.0010 * 0.100 90.6 70-130 6.99 20 Toluene 0.0906 0.0010 * 0.100 90.6 70-130 6.11 20 Sylene (yim) 0.180 0.020 * 0.100 93.3 80-120 20 Surrogate: 4-Bromofluorobenzene 0.121 * 0.120 101 80-120 20 Surrogate: 4-Bromofluorobenzene 0.120	LCS (P1I2804-BS1)				Prepared &	Analyzed:	09/28/21				
Number 0.000 0.100 8.5.2 70-13 Xylene (p'm) 0.171 0.0020 * 0.200 85.5 70-130 Xylene (p'm) 0.171 0.00200 * 0.200 85.5 70-130 Surragate: 1.4-Difluorobenzene 0.131 * 0.120 94.4 80-120 LCS Dup (P112804-BSD1) Prepared & Analyzed: 99.7 70-130 6.96 20 Benzene 0.0997 0.00100 mg/kg wet 0.100 96.6 70-130 6.99 20 Toluene 0.0966 0.00100 * 0.100 96.6 70-130 6.99 20 Sylene (p'm) 0.180 0.0020 * 0.100 96.6 70-130 6.99 20 Sylene (p'm) 0.816 0.0020 * 0.100 96.6 70-130 6.41 20 Sylene (p'm) 0.812 * 0.120 101 86-12 20 Sylene (p'm) 0.812 * 1.20 101 86-12 20 Sylene (p'm) 0.000<	Benzene	0.0930	0.00100	mg/kg wet	0.100		93.0	70-130			
Ny 0.171 0.00200 * 0.200 8.5.5 70-130 Xylene (pin) 0.0864 0.0010 * 0.100 86.4 70-130 Surrogate: 1.4.Diffuorobenzene 0.121 *' 0.120 94.4 80-120 Surrogate: 1.4.Diffuorobenzene 0.131 *' 0.120 94.4 80-120 CLS Dup (PI12804-BSD1) Prepared & Analyzec: 09/28/21 80-120 20 Benzene 0.0960 0.00100 *' 0.100 96.0 70-130 6.96 20 Sylene (pin) 0.0860 0.00100 *' 0.100 96.0 70-130 6.41 20 Sylene (pin) 0.8100 0.0000 *' 0.100 92.3 70-130 6.44 20 Sylene (pin) 0.8020 0.0010 *' 0.120 93.3 80-12 20 Sylene (pin) 0.021 *' 0.120 93.4 80-12 20 Surrogate: 1.4.Difluorobenzene 0.010 <td< td=""><td>Toluene</td><td>0.0896</td><td>0.00100</td><td>"</td><td>0.100</td><td></td><td>89.6</td><td>70-130</td><td></td><td></td><td></td></td<>	Toluene	0.0896	0.00100	"	0.100		89.6	70-130			
Xylen (o) 0.0864 0.0010 * 0.100 86.4 70-130 Surrogate: 1,4-Diftuorobenzene 0.121 * 0.120 94.4 80-120 Surrogate: 4-Bronnefluorobenzene 0.113 * 0.120 94.4 80-120 LCS Dup (P112804-BSD1) Prepared & Analyzed: 09/28/1 5.99 20 Benzene 0.0997 0.00100 mg/kg wet 0.100 90.6 70-130 6.96 20 Editybenzene 0.0996 0.00100 * 0.100 90.6 70-130 6.97 20 Editybenzene 0.0996 0.00100 * 0.100 90.6 70-130 6.11 20 Sylene (pin) 0.180 0.00100 * 0.120 9.33 70-130 6.44 20 Surrogate: 1,4-Difluorobenzene 0.121 * 0.120 9.33 70-130 6.44 20 Surrogate: 1,4-Difluorobenzene 0.00 * * 0.120 101 80-120 20 Surrogate: 1,4-Difluorobenzene 0.00 * * 0.120	Ethylbenzene	0.0852	0.00100	"	0.100		85.2	70-130			
Narrogate: 1.4-Difluorobenzene 0.121 " 0.120 101 80-120 Surrogate: 4-Bromofluorobenzene 0.113 " 0.120 94.4 80-120 LCS Dup (P112804-BSD1) Prepared & Analyzed: 09/28/21 20 Benzene 0.0906 0.00100 " 0.100 96.0 70-130 6.96 20 Toluene 0.0906 0.00100 " 0.100 96.0 70-130 6.97 20 Kylene (pim) 0.180 0.0020 " 0.200 90.1 70-130 6.64 20 Skylene (pim) 0.180 0.0020 " 0.200 90.1 70-130 6.64 20 Skylene (pim) 0.180 0.000 " 0.120 101 80-120 20 Skarrogate: 1.4-Difluorobenzene 0.121 " 0.120 101 80-120 20 Skarrogate: 1.4-Difluorobenzene 0.121 " 0.120 101 <td>Xylene (p/m)</td> <td>0.171</td> <td>0.00200</td> <td>"</td> <td>0.200</td> <td></td> <td>85.5</td> <td>70-130</td> <td></td> <td></td> <td></td>	Xylene (p/m)	0.171	0.00200	"	0.200		85.5	70-130			
ann region (1, 1, - Dy)moleculation 6, 12 i 7, 13 i 6, 13 i 6, 12 i 7, 13 i 6, 14 i 20 i 7, 13 i 6, 12 i 7, 13 i 6, 14 i 20 i 7, 13 i 6, 12 i 7, 13 i	Xylene (o)	0.0864	0.00100	"	0.100		86.4	70-130			
Prepared & Analyzet: 09/28/21 Benzene 0.0097 0.00100 mg/kg wet 0.100 96.0 70-130 6.96 20 Toluene 0.0960 0.00100 " 0.100 96.0 70-130 6.99 20 Ethylbenzene 0.0960 0.00100 " 0.100 96.6 70-130 6.99 20 Kylene (p'm) 0.180 0.00200 " 0.200 90.1 70-130 6.11 20 Swrogate: 1.470 molfluorobenzene 0.120 9.33 80-120 20 Swrogate: 1.470 fluorobenzene 0.121 " 0.120 9.33 80-120 Chibraton Blank (P112804-CCB1) Prepared & Analyzet: 09/28/21 Benzene 0.00 mg/kg wet 0.120 101 80-120 Stylene (p'm) 0.420 " Norgate: 1.4-Difluorobenzene 0.130 80-120 Norgate: 1.4-Difluorobenzene 0.130 " Norgate: 1.4-Difluorobenzene 0.120 106 80-120 Norgate: 1.4-Difluorobenzene 0.130 " Norgate: 1.4-Difluorobenzene 0.120 <th< td=""><td>Surrogate: 1,4-Difluorobenzene</td><td>0.121</td><td></td><td>"</td><td>0.120</td><td></td><td>101</td><td>80-120</td><td></td><td></td><td></td></th<>	Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			
Interview 0.00997 0.00100 mg/kg wet 0.100 99.7 70-130 6.96 20 Toluene 0.0960 0.00100 " 0.100 96.0 70-130 6.99 20 Ethylbenzene 0.0906 0.00100 " 0.100 96.0 70-130 6.11 20 Xylene (p'm) 0.180 0.00200 " 0.200 90.1 70-130 5.17 20 Sylene (o) 0.0923 0.00100 " 0.100 92.3 70-130 6.64 20 Surrogate: 1.42.0 " 0.120 93.3 80-120 Surrogate: 1.4-Difluorobenzene 0.121 " 0.120 101 80-120 Calibration Blank (P112804-CCB1) Prepared & Analyzed: 09/28/21 Environmental Analyzed: 09/28/21 Environmental Analyzed: 09/28/21 Benzene 0.00 "	Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		94.4	80-120			
Toluene 0.0960 0.00100 " 0.100 96.0 70-130 6.99 20 Ethylbenzene 0.0906 0.00100 " 0.100 90.6 70-130 6.11 20 Xylene (p'm) 0.180 0.00200 " 0.200 90.1 70-130 6.64 20 Surrogate: 4.Bromofluorobenzene 0.112 " 0.120 93.3 80-120	LCS Dup (P1I2804-BSD1)				Prepared &	Analyzed:	09/28/21				
Marka 6.00.00 6.000 5.000 6.64 20 Surrogate: 1.4-Difluorobenzene 0.112 " 0.120 93.3 80-120 -	Benzene	0.0997	0.00100	mg/kg wet	0.100		99.7	70-130	6.96	20	
Ny 0.180 0.0020 " 0.200 90.1 70-130 5.17 20 Xylene (o) 0.0923 0.0010 " 0.100 92.3 70-130 6.64 20 Surrogate: 4.Bromofluorobenzene 0.112 " 0.120 93.3 80-120 6.64 20 Calibration Blank (P112804-CCB1) Prepared & Analyzed: 09/28/21 U <thu< th=""> U U <thu< td="" th<=""><td>Toluene</td><td>0.0960</td><td>0.00100</td><td>"</td><td>0.100</td><td></td><td>96.0</td><td>70-130</td><td>6.99</td><td>20</td><td></td></thu<></thu<>	Toluene	0.0960	0.00100	"	0.100		96.0	70-130	6.99	20	
Nyme 0.0923 0.0010 " 0.100 92.3 70-130 6.64 20 Surrogate: 4-Bromofluorobenzene 0.121 " 0.120 93.3 80-120 Surrogate: 1,4-Difluorobenzene 0.121 " 0.120 101 80-120 Calibration Blank (P112804-CCB1) Prepared & Analyzed: 09/28/21 - - - Benzene 0.00 " - - - - - Toluene 0.00 " - </td <td>Ethylbenzene</td> <td>0.0906</td> <td>0.00100</td> <td>"</td> <td>0.100</td> <td></td> <td>90.6</td> <td>70-130</td> <td>6.11</td> <td>20</td> <td></td>	Ethylbenzene	0.0906	0.00100	"	0.100		90.6	70-130	6.11	20	
Number 0.112 " 0.120 93.3 80-120 Surrogate: 1.4-Difluorobenzene 0.121 " 0.120 101 80-120 Calibration Blank (P112804-CCB1) Prepared & Analyzed: 09/28/21 Benzene 0.00 mg/kg wet	Xylene (p/m)	0.180	0.00200	"	0.200		90.1	70-130	5.17	20	
Marriagene. Marr	Xylene (o)	0.0923	0.00100	"	0.100		92.3	70-130	6.64	20	
Calibration Blank (P112804-CCB1) Prepared & Analyzed: 09/28/21 Benzene 0.00 "g/kg wet Toluene 0.00 " Ethylbenzene 0.120 " Xylene (p/m) 0.420 " Surrogate: 4-Bromofluorobenzene 0.128 " 0.120 Surrogate: 1,4-Difluorobenzene 0.130 " 0.120 Calibration Blank (P112804-CCB2) Prepared & Analyzed: 09/28/21 80-120 Calibration Blank (P112804-CCB2) Prepared & Analyzed: 09/28/21 106 Benzene 0.00 " 107 Toluene 0.00 " 106 Surrogate: 1,4-Difluorobenzene 0.130 " 0.120 Calibration Blank (P112804-CCB2) Prepared & Analyzed: 09/28/21 106 Benzene 0.00 " 106 80-120 Surrogate: 1,4-Difluorobenzene 0.190 " 106 80-120 Surrogate: 1,4-Difluorobenzene 0.00 " 106 80-120	Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.3	80-120			
Benzene 0.00 mg/kg wet Toluene 0.00 " Ethylbenzene 0.190 " Xylene (p/m) 0.420 " Xylene (o) 0.00 " Sturrogate: 4-Bromofluorobenzene 0.128 " 0.120 106 80-120 Sturrogate: 1,4-Difluorobenzene 0.130 " 0.120 109 80-120 Calibration Blank (P112804-CCB2) Prepared & Analyzed: 09/28/21 Prepared & Analyzed: 09/28/21 Toluene 0.00 " Toluene 0.190 " Toluene 0.190 " Toluene 0.190 " Toluene 0.00 " Toluene 0.190 " Toluene Toluene <td< td=""><td>Surrogate: 1,4-Difluorobenzene</td><td>0.121</td><td></td><td>"</td><td>0.120</td><td></td><td>101</td><td>80-120</td><td></td><td></td><td></td></td<>	Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			
Toluene 0.00 " Ethylbenzene 0.190 " Xylene (p/m) 0.420 " Surrogate: 4-Bromofluorobenzene 0.128 " 0.120 106 80-120 Surrogate: 1,4-Difluorobenzene 0.130 " 0.120 109 80-120 Calibration Blank (P112804-CCB2) Prepared & Analyzed: 09/28/21 Toluene 0.00 " 106 80-120 Enzene 0.00 mg/kg wet " 106 80-120 106	Calibration Blank (P112804-CCB1)				Prepared &	Analyzed:	09/28/21				
Indicite 0.00 Ethylbenzene 0.190 Xylene (p/m) 0.420 Xylene (o) 0.00 Surrogate: 4-Bromofluorobenzene 0.128 0.120 106 80-120 Surrogate: 1,4-Difluorobenzene 0.130 " 0.120 109 80-120 Calibration Blank (P112804-CCB2) Prepared & Analyzed: 09/28/21 Prepared & Analyzed: 09/28/21 Toluene 0.00 " 109 80-120 Kylene (p/m) 0.00 mg/kg wet V <td< td=""><td>Benzene</td><td>0.00</td><td></td><td>mg/kg wet</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Benzene	0.00		mg/kg wet							
Xylene (p/m) 0.420 " Xylene (o) 0.00 " Surrogate: 4-Bromofluorobenzene 0.128 " 0.120 106 80-120 Surrogate: 1,4-Difluorobenzene 0.130 " 0.120 109 80-120 Calibration Blank (P112804-CCB2) Prepared & Analyzed: 09/28/21 Description 100	Toluene	0.00		"							
Xylene (o) 0.00 " Surrogate: 4-Bromofluorobenzene 0.128 " 0.120 106 80-120 Surrogate: 1,4-Difluorobenzene 0.130 " 0.120 109 80-120 Calibration Blank (P112804-CCB2) Prepared & Analyzed: 09/28/21 Benzene 0.00 mg/kg wet Toluene 0.00 " - Ethylbenzene 0.190 " - Xylene (o) 0.420 " - - Xylene (o) 0.00 " - - Surrogate: 4-Bromofluorobenzene 0.128 " 0.120 106 80-120	Ethylbenzene	0.190		"							
NARCE (6) 0.00 Surrogate: 4-Bromofluorobenzene 0.128 " 0.120 106 80-120 Surrogate: 1,4-Difluorobenzene 0.130 " 0.120 109 80-120 Calibration Blank (P112804-CCB2) Prepared & Analyzed: 09/28/21 Prepared & Analyzed: 09/28/21 Benzene 0.00 mg/kg wet - - Toluene 0.00 " - - Kylene (p/m) 0.420 " - - Xylene (o) 0.00 " - - Surrogate: 4-Bromofluorobenzene 0.128 " 0.120 106 80-120	Xylene (p/m)	0.420		"							
Surrogate: 4-Diffuorobenzene 0.120 100 60-120 Surrogate: 1,4-Diffuorobenzene 0.130 " 0.120 109 80-120 Calibration Blank (P112804-CCB2) Prepared & Analyzed: 09/28/21 Benzene 0.00 mg/kg wet Toluene 0.00 " Ethylbenzene 0.190 " Xylene (p/m) 0.420 " Xylene (o) 0.00 " Surrogate: 4-Bromofluorobenzene 0.128	Xylene (o)	0.00		"							
Surrogate: 1,4-Dynabiobelizere 0.150 105 80-120 Calibration Blank (P112804-CCB2) Prepared & Analyzed: 09/28/21 Benzene 0.00 mg/kg wet Toluene 0.00 " Ethylbenzene 0.190 " Xylene (p/m) 0.420 " Surrogate: 4-Bromofluorobenzene 0.128 " 0.120 106 80-120	Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		106	80-120			
Benzene 0.00 mg/kg wet Toluene 0.00 " Ethylbenzene 0.190 " Xylene (p/m) 0.420 " Xylene (o) 0.00 " Surrogate: 4-Bromofluorobenzene 0.128 " 0.120	Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		109	80-120			
Toluene 0.00 " Ethylbenzene 0.190 " Xylene (p/m) 0.420 " Xylene (o) 0.00 " Surrogate: 4-Bromofluorobenzene 0.128 " 0.120 106 80-120	Calibration Blank (P112804-CCB2)				Prepared &	Analyzed:	09/28/21				
Indication 0.00 Ethylbenzene 0.190 Xylene (p/m) 0.420 Xylene (o) 0.00 Surrogate: 4-Bromofluorobenzene 0.128 " 0.120	Benzene	0.00		mg/kg wet							
Surrogate: 4-Bromofluorobenzene 0.128 " 0.120 106 80-120	Toluene	0.00		"							
Xylene (p/m) 0.420 Xylene (o) 0.00 Surrogate: 4-Bromofluorobenzene 0.128 " 0.120	Ethylbenzene	0.190		"							
Surrogate: 4-Bromofluorobenzene 0.128 " 0.120 106 80-120	Xylene (p/m)	0.420		"							
5arrogue. 4-bronojnorobenzene 0.120 0.120 100 00-120	Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene 0.130 " 0.120 109 80-120	Surrogate: 4-Bromofluorobenzene	0.128		"	0.120		106	80-120			
	Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		109	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1I2804 - *** DEFAULT PREP ***										
Calibration Blank (P1I2804-CCB3)				Prepared: ()9/28/21 Aı	nalyzed: 09	/29/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.430		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		104	80-120			
Calibration Check (P1I2804-CCV1)				Prepared &	Analyzed:	09/28/21				
Benzene	0.112	0.00100	mg/kg wet	0.100		112	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.1	75-125			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	75-125			
Calibration Check (P1I2804-CCV2)				Prepared &	Analyzed:	09/28/21				
Benzene	0.112	0.00100	mg/kg wet	0.100		112	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.212	0.00200	"	0.200		106	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	75-125			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.1	75-125			
Calibration Check (P1I2804-CCV3)				Prepared: ()9/28/21 Aı	nalyzed: 09	/29/21			
Benzene	0.112	0.00100	mg/kg wet	0.100		112	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.209	0.00200	"	0.200		104	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.7	75-125			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		101	75-125			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1I2804 - *** DEFAULT PREP ***										
Matrix Spiles (D112804 MS1)	Sam		14	Duamanadı (0/20/21 4	malarradi 00	/20/21			

Matrix Spike (P1I2804-MS1)	Sour	ce: 1I24011-	14	Prepared: 0	9/28/21 A	nalyzed: 09	9/29/21			
Benzene	0.101	0.00103	mg/kg dry	0.103	ND	98.4	80-120			
Toluene	0.0928	0.00103	"	0.103	ND	90.1	80-120			
Ethylbenzene	0.0787	0.00103	"	0.103	ND	76.3	80-120			QM-07
Xylene (p/m)	0.161	0.00206	"	0.206	ND	77.9	80-120			QM-07
Xylene (o)	0.0882	0.00103		0.103	ND	85.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.124		95.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.124		101	80-120			
Matrix Spike Dup (P1I2804-MSD1)	Sour	ce: 1124011-	14	Prepared: 0	9/28/21 A	nalyzed: 09	0/29/21			
Benzene	0.100	0.00103	mg/kg dry	0.103	ND	97.3	80-120	1.13	20	
Toluene	0.0937	0.00103	"	0.103	ND	90.9	80-120	0.961	20	
Ethylbenzene	0.0817	0.00103		0.103	ND	79.2	80-120	3.74	20	QM-07
Ethylbenzene Xylene (p/m)	0.0817 0.159	0.00103 0.00206	"	0.103 0.206	ND ND	79.2 77.4	80-120 80-120	3.74 0.709	20 20	QM-07 QM-07
•										
Xylene (p/m)	0.159	0.00206	"	0.206	ND	77.4	80-120	0.709	20	

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting	T T 1.	Spike	Source	MARC	%REC		RPD	N T .
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1I2601 - *** DEFAULT PREP ***										
Blank (P1I2601-BLK1)				Prepared &	Analyzed:	09/26/21				
% Moisture	ND	0.1	%							
Blank (P1I2601-BLK2)				Prepared &	Analyzed:	09/26/21				
% Moisture	ND	0.1	%							
Duplicate (P1I2601-DUP1)	Sou	rce: 1124009-(02	Prepared &	z Analyzed:	09/26/21				
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P1I2601-DUP2)	Sou	rce: 1124011-()4	Prepared &	Analyzed:	09/26/21				
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P1I2601-DUP3)	Sou	rce: 1124011-2	21	Prepared &	Analyzed:	09/26/21				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P1I2601-DUP4)	Sou	rce: 1I24014-(01	Prepared &	z Analyzed:	09/26/21				
% Moisture	13.0	0.1	%		13.0			0.00	20	
Batch P1J0406 - *** DEFAULT PREP ***										
LCS (P1J0406-BS1)				Prepared &	Analyzed:	10/04/21				
Chloride	408	1.00	mg/kg wet	400	•	102	90-110			
LCS Dup (P1J0406-BSD1)				Prepared &	Analyzed:	10/04/21				
Chloride	403	1.00	mg/kg wet	400		101	90-110	1.26	10	
Calibration Check (P1J0406-CCV1)				Prepared &	Analyzed:	10/04/21				
Chloride	19.9		mg/kg	20.0		99.5	90-110			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1J0406 - *** DEFAULT PREP ***										
Calibration Check (P1J0406-CCV2)				Prepared:	10/04/21 A	nalyzed: 10	/05/21			
Chloride	18.1		mg/kg	20.0		90.3	90-110			
Matrix Spike (P1J0406-MS1)	Sou	rce: 1124008-	-03	Prepared &	analyzed:	10/04/21				
Chloride	347	1.09	mg/kg dry	272	106	88.7	80-120			
Matrix Spike (P1J0406-MS2)	Sou	rce: 1124011-	-01	Prepared &	د Analyzed:	10/04/21				
Chloride	302	1.00	mg/kg dry	250	87.4	85.8	80-120			
Matrix Spike Dup (P1J0406-MSD1)	Sou	rce: 1124008-	-03	Prepared &	د Analyzed:	10/04/21				
Chloride	320	1.09	mg/kg dry	272	106	78.7	80-120	8.18	20	QM-0
Matrix Spike Dup (P1J0406-MSD2)	Sou	rce: 1124011-	-01	Prepared &	د Analyzed:	10/04/21				
Chloride	310	1.00	mg/kg dry	250	87.4	88.9	80-120	2.53	20	
Batch P1J0407 - *** DEFAULT PREP ***										
Blank (P1J0407-BLK1)				Prepared &	د Analyzed:	10/04/21				
Chloride	ND	1.00	mg/kg wet							
LCS (P1J0407-BS1)				Prepared &	analyzed:	10/04/21				
Chloride	400	1.00	mg/kg wet	400		99.9	90-110			
LCS Dup (P1J0407-BSD1)				Prepared &	analyzed:	10/04/21				
Chloride	402	1.00	mg/kg wet	400		100	90-110	0.514	10	
Calibration Check (P1J0407-CCV1)				Prepared &	analyzed:	10/04/21				
Chloride	19.3		mg/kg	20.0	-	96.7	90-110			

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1J0407 - *** DEFAULT PREP ***										
Calibration Check (P1J0407-CCV2)				Prepared:	10/04/21 At	nalyzed: 10	/05/21			
Chloride	19.0		mg/kg	20.0		94.9	90-110			
Calibration Check (P1J0407-CCV3)				Prepared:	10/04/21 A	nalyzed: 10	/05/21			
Chloride	19.7		mg/kg	20.0		98.6	90-110			
Matrix Spike (P1J0407-MS1)	Sour	ce: 1124011-	11	Prepared &	analyzed:	10/04/21				
Chloride	378	1.01	mg/kg dry	253	175	80.5	80-120			
Matrix Spike (P1J0407-MS2)	Sour	ce: 1124011-	21	Prepared:	10/04/21 At	nalyzed: 10	/05/21			
Chloride	223	1.00	mg/kg dry	250	6.04	86.8	80-120			
Matrix Spike Dup (P1J0407-MSD1)	Sour	ce: 1124011-	11	Prepared &	analyzed:	10/04/21				
Chloride	390	1.01	mg/kg dry	253	175	85.3	80-120	3.16	20	
Matrix Spike Dup (P1J0407-MSD2)	Sour	ce: 1124011-	21	Prepared:	10/04/21 A	nalyzed: 10	/05/21			
Chloride	234	1.00	mg/kg dry	250	6.04	91.3	80-120	4.84	20	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1I3005 - TX 1005										
Blank (P1I3005-BLK1)				Prepared &	Analyzed:	09/30/21				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	105		"	100		105	70-130			
Surrogate: o-Terphenyl	57.4		"	50.0		115	70-130			
LCS (P1I3005-BS1)				Prepared &	Analyzed:	09/30/21				
C6-C12	891	25.0	mg/kg wet	1000		89.1	75-125			
>C12-C28	1080	25.0	"	1000		108	75-125			
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	61.6		"	50.0		123	70-130			
LCS Dup (P1I3005-BSD1)				Prepared &	Analyzed:	09/30/21				
C6-C12	864	25.0	mg/kg wet	1000		86.4	75-125	3.09	20	
>C12-C28	1030	25.0	"	1000		103	75-125	4.62	20	
Surrogate: 1-Chlorooctane	109		"	100		109	70-130			
Surrogate: o-Terphenyl	59.9		"	50.0		120	70-130			
Calibration Check (P1I3005-CCV1)				Prepared &	Analyzed:	09/30/21				
C6-C12	445	25.0	mg/kg wet	500		89.1	85-115			
>C12-C28	513	25.0		500		103	85-115			
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	55.9		"	50.0		112	70-130			
Calibration Check (P1I3005-CCV2)				Prepared &	Analyzed:	09/30/21				
C6-C12	432	25.0	mg/kg wet	500		86.4	85-115			
>C12-C28	504	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	121		"	100		121	70-130			
Surrogate: o-Terphenyl	54.5		"	50.0		109	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1I3005 - TX 1005										
Calibration Check (P1I3005-CCV3)				Prepared:	09/30/21 A	nalyzed: 10	/01/21			
C6-C12	427	25.0	mg/kg wet	500		85.4	85-115			
>C12-C28	498	25.0	"	500		99.6	85-115			
Surrogate: 1-Chlorooctane	119		"	100		119	70-130			
Surrogate: o-Terphenyl	54.2		"	50.0		108	70-130			
Matrix Spike (P1I3005-MS1)	Sour	ce: 1124011-	-15	Prepared: (09/30/21 A	nalyzed: 10	/01/21			
C6-C12	916	25.8	mg/kg dry	1030	16.4	87.2	75-125			
>C12-C28	1090	25.8	"	1030	33.1	103	75-125			
Surrogate: 1-Chlorooctane	117		"	103		113	70-130			
Surrogate: o-Terphenyl	61.8		"	51.5		120	70-130			
Matrix Spike Dup (P1I3005-MSD1)	Sour	ce: 1124011-	-15	Prepared: (09/30/21 A	nalyzed: 10	/01/21			
C6-C12	804	25.8	mg/kg dry	1030	16.4	76.4	75-125	13.2	20	
>C12-C28	1000	25.8	"	1030	33.1	93.7	75-125	9.26	20	
Surrogate: 1-Chlorooctane	134		"	103		130	70-130			
Surrogate: o-Terphenyl	56.6		"	51.5		110	70-130			
Batch P1I3006 - TX 1005										
Blank (P1I3006-BLK1)				Prepared: (09/30/21 A	nalyzed: 10	/02/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	92.7		"	100		92.7	70-130			
Surrogate: o-Terphenyl	52.2		"	50.0		104	70-130			
LCS (P1I3006-BS1)				Prepared:	09/30/21 A	nalyzed: 10	/02/21			
C6-C12	950	25.0	mg/kg wet	1000		95.0	75-125			
>C12-C28	1010	25.0	"	1000		101	75-125			
Surrogate: 1-Chlorooctane	126		"	100		126	70-130			
Surrogate: o-Terphenyl	59.3		"	50.0		119	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1I3006 - TX 1005										
LCS Dup (P1I3006-BSD1)				Prepared: (09/30/21 A	nalyzed: 10	/02/21			
C6-C12	972	25.0	mg/kg wet	1000		97.2	75-125	2.27	20	
>C12-C28	1040	25.0	"	1000		104	75-125	3.07	20	
Surrogate: 1-Chlorooctane	129		"	100		129	70-130			
Surrogate: o-Terphenyl	54.6		"	50.0		109	70-130			
Calibration Check (P1I3006-CCV1)				Prepared: ()9/30/21 A	nalyzed: 10	/02/21			
C6-C12	502	25.0	mg/kg wet	500		100	85-115			
>C12-C28	532	25.0	"	500		106	85-115			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	53.2		"	50.0		106	70-130			
Calibration Check (P1I3006-CCV2)				Prepared: (09/30/21 A	nalyzed: 10	/02/21			
C6-C12	526	25.0	mg/kg wet	500		105	85-115			
>C12-C28	536	25.0	"	500		107	85-115			
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	52.9		"	50.0		106	70-130			
Calibration Check (P1I3006-CCV3)				Prepared: (09/30/21 A	nalyzed: 10	/02/21			
C6-C12	529	25.0	mg/kg wet	500		106	85-115			
>C12-C28	563	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	119		"	100		119	70-130			
Surrogate: o-Terphenyl	55.2		"	50.0		110	70-130			
Matrix Spike (P1I3006-MS1)	Sou	rce: 1124014	-05	Prepared: (09/30/21 A	nalyzed: 10	/02/21			
C6-C12	949	26.0	mg/kg dry	1040	24.2	88.8	75-125			
>C12-C28	1000	26.0	"	1040	ND	96.1	75-125			
Surrogate: 1-Chlorooctane	125		"	104		120	70-130			
Surrogate: o-Terphenyl	57.6		"	52.1		111	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

Analyte Batch P113006 - TX 1005	Result	Reporting Limit Uni	Spike s Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Matrix Spike Dup (P1I3006-MSD1)	Sourc	e: 1124014-05	Prepared:	09/30/21 A	nalyzed: 10	0/02/21			
C6-C12	958	26.0 mg/kg	dry 1040	24.2	89.6	75-125	0.952	20	
>C12-C28	1020	26.0 "	1040	ND	97.6	75-125	1.47	20	
Surrogate: 1-Chlorooctane	129	"	104		124	70-130			
Surrogate: o-Terphenyl	60.2	"	52.1		116	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707
Midland TX, 79706	Project Manager: Mike Carmona

Notes and Definitions

ROI	Received on Ice
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:

Bun Barron

Date: 10/6/2021

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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ses are due to circumstances beyond the control be enforced unless previously negotiated.	client if such losses are due to circums These terms will be enforced unless p	by the clien alyzed. The	s incurred but not an	or expense d to Xenco,	for any losses mple submitte	ume any responsibility harge of \$5 for each sa	nd shall not ass h project and a c	ne cost of samples a ill be applied to eac	of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the cilent if such loss of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will	
Jard terms and conditions	l subconfractors. It assigns stand	ffiliates and	(enco, its a	ompany to)	r from client c	s a valid purchase orde	mples constitute	slinquishment of sa	Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions	
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		×	××		Grab	×		9/23/2021	S-2 (3'-3.5')	<u>ح</u>
		×	× ×	1	Grab	×		9/23/2021	S-2 (2'-2.5')	~
		×	×		Grab	×		9/23/2021	S-2 (1'-1.5')	ک ا
		×	×		Grab	x		9/23/2021	S-2 (0-1')	<u>د</u> د
		×	×	-	Grab	×		9/23/2021	S-1 (4'-4.5')	-12
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		××	×	<u> </u>	Grab	×		9/23/2021	S-1 (1'-1.5')	دو
		×	××	-	Grab	×		9/23/2021	S-1 (0-1')	
NaOH+Ascorbic Acid: SAPC Sample Comments			трн 8	#of Cont	Grab/ F Comp		Time Soil	Date	sample Identification	J.
Zn Acetate+NaCH: Zn			015				Corrected Temperature	N	dilpe cusion veais i es	T Q
	,	Chlo				Beading R A	Correction Factor			
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)21B	ame	Yes No	lice:	Yes No	В		SP
H ₂ SU ₄ : H ₂ NaCH: Na				ters						<u></u>
		WIN			eived by the 4:30pm	TAT starts the day received by the lab, if received by 4:30pm		CCM	Sampler's Name	Sar
Cool: Cool MeOH: Me					Standard		6	Lea Co, NM	Project Location	Pro
None: NO DI Water: H ₂ O				Code	Rush			214707	Project Number	Pro
EQUEST Preservative Codes	ANALYSIS REQUEST		-	Drac	nd i	Turn Around	. 6.186	Tristie Draw 25 ROW Spill	Project Name Tristie	Pro
Deliverables: EDD ADaPT C Other:				m	lluig@cimarex.com	Email Iluig@		35	ie 432.208.3035	Phone
Reporting:Level II Level III LPST/UST [FRRP] Level IV	701	Midland, Texas 79701	Midland,		City, State ZIP	City, S		79706	City, State ZIP Midland, TX 79706	
	Street	600 N. Marienfeld Street	600 N. M		SS	Address		inds BLVD	ess 701 Tradewinds BLVD	Address
Program: UST/PST PRP Brownfields RRC uperfund			Cimarex		Company Name:	Comp		nmental	Company Name NTG Environmental	6
Work Order Comments			Laci Luig		Bill to: (if different)	Bill to		ona	Project Manager Mike Carmona	<u>oua</u>
Page1 of3										
									ENVIRONMENTA	
Work Order No: 1724011										
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Relinquished by (Signature)
Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of service. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.
ANALYSIS REQUEST
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	ο, ο,	2 at 19/10/ man 10/10/1 man 1/2 20 2	ignature) Date/Time Relinqu	of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$9100 each sample summer to Aenco, but not analyzed. These terms will be enforced unless previously negotiated	all not assume any responsibility for any losses or expenses incurred by the client if such loss	Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco. its affiliates and subcontractors. It assigns standard terms and conditions	Additional Comments:		X8 H-8 (0-6") 9/23/2021 X Grab 1 X X	H-7 (0-6") 9/23/2021 X Grab 1 X X	H-6 (0-6") 9/23/2021	35 H-5 (0-6") 9/23/2021 X Grab 1 X X I	H-4 (0-6") 9/23/2021 X Grab 1 X	JA H-3 (0-6") 9/23/2021 X Grab 1 X X I	JJ H-2 (0-6") 9/23/2021 X Grab 1 X X	H-1 (0-6") 9/23/2021 X	Sample Identification Date Time Soil Water Grab/ Comp # of F	Total Containers 30 Corrected Temperature 4.5	No N/A Temperature Reading: 28 8	STEX (GF	Thermometer ID	DRC	lab, if received by 4:30pm	CCM TAT starts the day received by the	Lea Co, NM Due Date: Standard	Arr 214707 기 Routine 기 Rush Code .	Project Name Tristie Draw 25 ROW Spill Turn Around ANALYSIS REQUEST	432.208.3035 Email Iluig@cimarex.com	e ZIP Midland, TX 79706 City. State ZIP Midland, Texas 79701	Address 701 Tradewinds BLVD Address 600 N. Marienfeld Street State 0	Company Name NTG Environmental Company Name Cimarex Progra	Project Manager: Mike Carmona Bill to (if different) Laci Luig		ENVIRONMENTAL	
Kevised Date US012020 Rev. 2020.		-	Received by (Signature) Date/Time	otiated.	d the control	d conditions											Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn		A NaHSO₄: NABIS	H₃PO₄: HP				None: NO DI Water: H ₂ O	Preservative Codes	Deliverables: EDD ADaPT Other:	Reporting:Level II Level III PST/UST TRRP Level IV		Program: UST/PST PRP Brownfields RRC uperfund	Work Order Comments	Page 3 of 3		

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PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

Mike Carmona NTG Environmental 701 Tradewinds BLVD Midland, TX 79706

Project: Tristie Draw 25 ROW Spill Project Number: 214707 Location: Lea County, NM

Lab Order Number: 1K02003



Current Certification

Report Date: 11/08/21

NTG Environmental	Project: Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707
Midland TX, 79706	Project Manager: Mike Carmona

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS-1 @ (4')	1K02003-01	Soil	11/01/21 00:00	11-02-2021 11:08
CS-2 @ (4')	1K02003-02	Soil	11/01/21 00:00	11-02-2021 11:08
CS-3 @ (4')	1K02003-03	Soil	11/01/21 00:00	11-02-2021 11:08
CS-4 @ (4')	1K02003-04	Soil	11/01/21 00:00	11-02-2021 11:08
CS-5 @ (4')	1K02003-05	Soil	11/01/21 00:00	11-02-2021 11:08
CS-6 @ (4')	1K02003-06	Soil	11/01/21 00:00	11-02-2021 11:08
CS-7 @ (4')	1K02003-07	Soil	11/01/21 00:00	11-02-2021 11:08
CS-8 @ (4')	1K02003-08	Soil	11/01/21 00:00	11-02-2021 11:08
CS-9 @ (4')	1K02003-09	Soil	11/01/21 00:00	11-02-2021 11:08
CS-10 @ (4')	1K02003-10	Soil	11/01/21 00:00	11-02-2021 11:08
CS-11 @ (4')	1K02003-11	Soil	11/01/21 00:00	11-02-2021 11:08
CS-12 @ (4')	1K02003-12	Soil	11/01/21 00:00	11-02-2021 11:08
CS-13 @ (4')	1K02003-13	Soil	11/01/21 00:00	11-02-2021 11:08
CS-14 @ (4')	1K02003-14	Soil	11/01/21 00:00	11-02-2021 11:08
CS-15 @ (4')	1K02003-15	Soil	11/01/21 00:00	11-02-2021 11:08
SW-1	1K02003-16	Soil	11/01/21 00:00	11-02-2021 11:08
SW-2	1K02003-17	Soil	11/01/21 00:00	11-02-2021 11:08
SW-3	1K02003-18	Soil	11/01/21 00:00	11-02-2021 11:08
SW-4	1K02003-19	Soil	11/01/21 00:00	11-02-2021 11:08
SW-5	1K02003-20	Soil	11/01/21 00:00	11-02-2021 11:08
SW-6	1K02003-21	Soil	11/01/21 00:00	11-02-2021 11:08
SW-7	1K02003-22	Soil	11/01/21 00:00	11-02-2021 11:08
SW-8	1K02003-23	Soil	11/01/21 00:00	11-02-2021 11:08

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

CS-1 @ (4')

1K02003-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 14:40	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 14:40	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 14:40	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 14:40	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 14:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1K0301	11/03/21 09:38	11/03/21 14:40	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1K0301	11/03/21 09:38	11/03/21 14:40	EPA 8021B	
General Chemistry Parameters by	v EPA / Stand	ard Met	hods						
Chloride	1.56	1.00	mg/kg dry	1	P1K0204	11/02/21 09:53	11/02/21 23:30	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	5-C35 by EPA	Method	l 8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 10:20	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 10:20	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 10:20	TPH 8015M	
Surrogate: 1-Chlorooctane		83.1 %	70-130		P1K0207	11/02/21 15:30	11/03/21 10:20	TPH 8015M	
Surrogate: o-Terphenyl		88.2 %	70-130		P1K0207	11/02/21 15:30	11/03/21 10:20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 10:20	calc	

Permian Basin Environmental Lab, L.P.

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				Number:		25 ROW Spill 1a			
				CS-2 (1K02003	@ (4') -02 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:01	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:01	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:01	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:01	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:01	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1K0301	11/03/21 09:38	11/03/21 15:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1K0301	11/03/21 09:38	11/03/21 15:01	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	1.86	1.00	mg/kg dry	1	P1K0204	11/02/21 09:53	11/02/21 23:45	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP/	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 10:43	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 10:43	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 10:43	TPH 8015M	
Surrogate: 1-Chlorooctane		87.8 %	70-130		P1K0207	11/02/21 15:30	11/03/21 10:43	TPH 8015M	
Surrogate: o-Terphenyl		92.1 %	70-130		P1K0207	11/02/21 15:30	11/03/21 10:43	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 10:43	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill na			
				CS-3 (1K02003	@ (4') -03 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:22	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:22	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:22	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:22	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1K0301	11/03/21 09:38	11/03/21 15:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1K0301	11/03/21 09:38	11/03/21 15:22	EPA 8021B	
General Chemistry Parameters by	v EPA / Stand	dard Met	hods						
Chloride	52.3	1.00	mg/kg dry	1	P1K0204	11/02/21 09:53	11/03/21 00:01	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	5-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 11:06	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 11:06	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 11:06	TPH 8015M	
Surrogate: 1-Chlorooctane		79.0 %	70-130		P1K0207	11/02/21 15:30	11/03/21 11:06	TPH 8015M	
Surrogate: o-Terphenyl		83.3 %	70-130		P1K0207	11/02/21 15:30	11/03/21 11:06	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 11:06	cale	

NTG Environmental				Project:	Tristie Draw	25 ROW Spill			
701 Tradewinds BLVD			Project	Number:	214707				
Midland TX, 79706			Project	Manager:	Mike Carmor	na			
				CS-4 (a (4')				
				1K02003	-04 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:44	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:44	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:44	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:44	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 15:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K0301	11/03/21 09:38	11/03/21 15:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1K0301	11/03/21 09:38	11/03/21 15:44	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	46.7	1.00	mg/kg dry	1	P1K0204	11/02/21 09:53	11/03/21 00:16	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 11:29	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 11:29	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 11:29	TPH 8015M	
Surrogate: 1-Chlorooctane		84.4 %	70-130		P1K0207	11/02/21 15:30	11/03/21 11:29	TPH 8015M	
Surrogate: o-Terphenyl		88.7 %	70-130		P1K0207	11/02/21 15:30	11/03/21 11:29	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 11:29	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			-	Number:		25 ROW Spill na			
				CS-5 (1K02003	@ (4') -05 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 16:05	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 16:05	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 16:05	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 16:05	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 16:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1K0301	11/03/21 09:38	11/03/21 16:05	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1K0301	11/03/21 09:38	11/03/21 16:05	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	106	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 17:40	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 11:52	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 11:52	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 11:52	TPH 8015M	
Surrogate: 1-Chlorooctane		90.1 %	70-130		P1K0207	11/02/21 15:30	11/03/21 11:52	TPH 8015M	
Surrogate: o-Terphenyl		95.2 %	70-130		P1K0207	11/02/21 15:30	11/03/21 11:52	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 11:52	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				Number:		25 ROW Spill na			
				CS-6 (1K02003	@ (4') -06 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	lab, L.P.			
BTEX by 8021B						,			
Benzene	ND	0.00101	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 16:27	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 16:27	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 16:27	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 16:27	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 16:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1K0301	11/03/21 09:38	11/03/21 16:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K0301	11/03/21 09:38	11/03/21 16:27	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	875	5.05	mg/kg dry	5	P1K0302	11/03/21 10:01	11/03/21 18:26	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP/	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 13:00	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 13:00	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 13:00	TPH 8015M	
Surrogate: 1-Chlorooctane		87.8 %	70-130		P1K0207	11/02/21 15:30	11/03/21 13:00	TPH 8015M	
Surrogate: o-Terphenyl		92.0 %	70-130		P1K0207	11/02/21 15:30	11/03/21 13:00	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 13:00	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill na			
				CS-7 (1K02003	@ (4') -07 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 17:30	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 17:30	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 17:30	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 17:30	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 17:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0301	11/03/21 09:38	11/03/21 17:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.7 %	80-120		P1K0301	11/03/21 09:38	11/03/21 17:30	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	2.03	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 18:41	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 13:23	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 13:23	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 13:23	TPH 8015M	
Surrogate: 1-Chlorooctane		88.7 %	70-130		P1K0207	11/02/21 15:30	11/03/21 13:23	TPH 8015M	
Surrogate: o-Terphenyl		91.9 %	70-130		P1K0207	11/02/21 15:30	11/03/21 13:23	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 13:23	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill na			
				CS-8 (1K02003	@ (4') -08 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 17:51	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 17:51	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 17:51	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 17:51	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 17:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.2 %	80-120		P1K0301	11/03/21 09:38	11/03/21 17:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0301	11/03/21 09:38	11/03/21 17:51	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	44.2	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 18:57	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 13:46	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 13:46	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 13:46	TPH 8015M	
Surrogate: 1-Chlorooctane		88.9 %	70-130		P1K0207	11/02/21 15:30	11/03/21 13:46	TPH 8015M	
Surrogate: o-Terphenyl		92.2 %	70-130		P1K0207	11/02/21 15:30	11/03/21 13:46	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 13:46	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill na			
				CS-9 (1K02003	@ (4') -09 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:13	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:13	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:13	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:13	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.5 %	80-120		P1K0301	11/03/21 09:38	11/03/21 18:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K0301	11/03/21 09:38	11/03/21 18:13	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	93.0	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 19:12	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 14:09	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 14:09	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 14:09	TPH 8015M	
Surrogate: 1-Chlorooctane		86.2 %	70-130		P1K0207	11/02/21 15:30	11/03/21 14:09	TPH 8015M	
Surrogate: o-Terphenyl		90.1 %	70-130		P1K0207	11/02/21 15:30	11/03/21 14:09	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 14:09	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill na			
				CS-10 1K02003	@ (4') -10 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:34	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:34	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:34	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:34	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0301	11/03/21 09:38	11/03/21 18:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P1K0301	11/03/21 09:38	11/03/21 18:34	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	650	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 19:27	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 14:32	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 14:32	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 14:32	TPH 8015M	
Surrogate: 1-Chlorooctane		91.2 %	70-130		P1K0207	11/02/21 15:30	11/03/21 14:32	TPH 8015M	
Surrogate: o-Terphenyl		95.3 %	70-130		P1K0207	11/02/21 15:30	11/03/21 14:32	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 14:32	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill na			
				CS-11 1K02003	@ (4') -11 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:55	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:55	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:55	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:55	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 18:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0301	11/03/21 09:38	11/03/21 18:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.0 %	80-120		P1K0301	11/03/21 09:38	11/03/21 18:55	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	ND	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 19:42	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 14:55	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 14:55	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 14:55	TPH 8015M	
Surrogate: 1-Chlorooctane		89.0 %	70-130		P1K0207	11/02/21 15:30	11/03/21 14:55	TPH 8015M	
Surrogate: o-Terphenyl		93.0 %	70-130		P1K0207	11/02/21 15:30	11/03/21 14:55	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 14:55	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number: Manager:	Mike Carmor	1			
				CS-12 1K02003	@ (4') -12 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:16	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:16	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:16	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:16	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0301	11/03/21 09:38	11/03/21 19:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.8 %	80-120		P1K0301	11/03/21 09:38	11/03/21 19:16	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	3.38	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 19:58	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 15:18	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 15:18	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 15:18	TPH 8015M	
Surrogate: 1-Chlorooctane		88.2 %	70-130		P1K0207	11/02/21 15:30	11/03/21 15:18	TPH 8015M	
Surrogate: o-Terphenyl		91.8 %	70-130		P1K0207	11/02/21 15:30	11/03/21 15:18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 15:18	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill na			
				CS-13 1K02003	@ (4') -13 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:38	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:38	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:38	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:38	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K0301	11/03/21 09:38	11/03/21 19:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.7 %	80-120		P1K0301	11/03/21 09:38	11/03/21 19:38	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	77.4	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 20:13	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 15:41	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 15:41	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 15:41	TPH 8015M	
Surrogate: 1-Chlorooctane		83.3 %	70-130		P1K0207	11/02/21 15:30	11/03/21 15:41	TPH 8015M	
Surrogate: o-Terphenyl		86.6 %	70-130		P1K0207	11/02/21 15:30	11/03/21 15:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 15:41	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill 1a			
				CS-14 1K02003	@ (4') -14 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:59	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 19:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1K0301	11/03/21 09:38	11/03/21 19:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P1K0301	11/03/21 09:38	11/03/21 19:59	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	30.0	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 20:28	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 16:03	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 16:03	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 16:03	TPH 8015M	
Surrogate: 1-Chlorooctane		90.2 %	70-130		P1K0207	11/02/21 15:30	11/03/21 16:03	TPH 8015M	
Surrogate: o-Terphenyl		93.5 %	70-130		P1K0207	11/02/21 15:30	11/03/21 16:03	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 16:03	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number: Manager:	Mike Carmor	1			
				CS-15 1K02003	@ (4') -15 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 20:20	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 20:20	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 20:20	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 20:20	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 20:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P1K0301	11/03/21 09:38	11/03/21 20:20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K0301	11/03/21 09:38	11/03/21 20:20	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	206	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 21:14	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 16:26	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 16:26	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 16:26	TPH 8015M	
Surrogate: 1-Chlorooctane		88.9 %	70-130		P1K0207	11/02/21 15:30	11/03/21 16:26	TPH 8015M	
Surrogate: o-Terphenyl		93.2 %	70-130		P1K0207	11/02/21 15:30	11/03/21 16:26	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 16:26	calc	
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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	t Number:		25 ROW Spill			
				SW	V-1 -16 (Soil)				
				1K02003	-10 (301)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 20:41	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 20:41	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 20:41	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 20:41	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 20:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.2 %	80-120		P1K0301	11/03/21 09:38	11/03/21 20:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K0301	11/03/21 09:38	11/03/21 20:41	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	2.80	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 22:00	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 17:39	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 17:39	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 17:39	TPH 8015M	
Surrogate: 1-Chlorooctane		94.4 %	70-130		P1K0406	11/04/21 13:30	11/04/21 17:39	TPH 8015M	
Surrogate: o-Terphenyl		98.5 %	70-130		P1K0406	11/04/21 13:30	11/04/21 17:39	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/04/21 13:30	11/04/21 17:39	calc	

Permian Basin Environmental Lab, L.P.

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill			
			110,000	0					
				SW					
				1K02003	-17 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:03	EPA 8021B	
Toluene	0.00124	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:03	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:03	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:03	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:03	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K0507	11/05/21 15:11	11/05/21 18:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.5 %	80-120		P1K0507	11/05/21 15:11	11/05/21 18:03	EPA 8021B	
General Chemistry Parameters b	y EPA / Stand	dard Met	hods						
Chloride	41.7	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 22:15	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C	6-C35 by EP.	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 18:02	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 18:02	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 18:02	TPH 8015M	
Surrogate: 1-Chlorooctane		89.6 %	70-130		P1K0406	11/04/21 13:30	11/04/21 18:02	TPH 8015M	
Surrogate: o-Terphenyl		92.8 %	70-130		P1K0406	11/04/21 13:30	11/04/21 18:02	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/04/21 13:30	11/04/21 18:02	calc	

Permian Basin Environmental Lab, L.P.

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				Number:	Tristie Draw 2 214707 Mike Carmor	1			
				SW 1K02003-					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:24	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:24	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:24	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:24	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.6 %	80-120		P1K0507	11/05/21 15:11	11/05/21 18:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0507	11/05/21 15:11	11/05/21 18:24	EPA 8021B	
General Chemistry Parameters by	EPA / Stan	dard Met	hods						
Chloride	ND	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 22:30	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 18:25	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 18:25	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 18:25	TPH 8015M	
Surrogate: 1-Chlorooctane		93.0 %	70-130		P1K0406	11/04/21 13:30	11/04/21 18:25	TPH 8015M	
Surrogate: o-Terphenyl		99.6 %	70-130		P1K0406	11/04/21 13:30	11/04/21 18:25	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/04/21 13:30	11/04/21 18:25	calc	

Permian Basin Environmental Lab, L.P.

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill			
Midula III, 17100			110,000	Ũ					
				SW 1K02003-					
				1 K02003	-19 (3011)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:45	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:45	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:45	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:45	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 18:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1K0507	11/05/21 15:11	11/05/21 18:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	9	9.7 %	80-120		P1K0507	11/05/21 15:11	11/05/21 18:45	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	ND	1.01	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 22:46	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
<u>Total Petroleum Hydrocarbons C6</u>	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 18:49	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 18:49	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 18:49	TPH 8015M	
Surrogate: 1-Chlorooctane	8	88.0 %	70-130		P1K0406	11/04/21 13:30	11/04/21 18:49	TPH 8015M	
Surrogate: o-Terphenyl	ļ	94.5 %	70-130		P1K0406	11/04/21 13:30	11/04/21 18:49	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	11/04/21 13:30	11/04/21 18:49	calc	

Permian Basin Environmental Lab, L.P.

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NTG Environmental 701 Tradewinds BLVD			•	Number:	214707	25 ROW Spill			
Midland TX, 79706			Project	Manager:	Mike Carmon	na			
				SW	V-5				
				1K02003	-20 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:06	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:06	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:06	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:06	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K0507	11/05/21 15:11	11/05/21 19:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	1	99.0 %	80-120		P1K0507	11/05/21 15:11	11/05/21 19:06	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	2.84	1.01	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 23:01	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 19:12	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 19:12	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 19:12	TPH 8015M	
Surrogate: 1-Chlorooctane		84.1 %	70-130		P1K0406	11/04/21 13:30	11/04/21 19:12	TPH 8015M	
Surrogate: o-Terphenyl		90.4 %	70-130		P1K0406	11/04/21 13:30	11/04/21 19:12	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	11/04/21 13:30	11/04/21 19:12	calc	

Permian Basin Environmental Lab, L.P.

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	t Number:		25 ROW Spill na			
				SW 1K02003-					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:27	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:27	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:27	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:27	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.2 %	80-120		P1K0507	11/05/21 15:11	11/05/21 19:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K0507	11/05/21 15:11	11/05/21 19:27	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	ND	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 23:16	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 19:35	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 19:35	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 19:35	TPH 8015M	
Surrogate: 1-Chlorooctane		85.1 %	70-130		P1K0406	11/04/21 13:30	11/04/21 19:35	TPH 8015M	
Surrogate: o-Terphenyl		91.3 %	70-130		P1K0406	11/04/21 13:30	11/04/21 19:35	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/04/21 13:30	11/04/21 19:35	calc	

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				Number:		25 ROW Spill na			
				SW					
				1K02003	-22 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:48	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:48	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:48	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:48	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 19:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0507	11/05/21 15:11	11/05/21 19:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.8 %	80-120		P1K0507	11/05/21 15:11	11/05/21 19:48	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	7.94	1.01	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 23:31	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 19:59	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 19:59	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 19:59	TPH 8015M	
Surrogate: 1-Chlorooctane		84.7 %	70-130		P1K0406	11/04/21 13:30	11/04/21 19:59	TPH 8015M	
Surrogate: o-Terphenyl		92.1 %	70-130		P1K0406	11/04/21 13:30	11/04/21 19:59	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	11/04/21 13:30	11/04/21 19:59	calc	

Permian Basin Environmental Lab, L.P.

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				t Number:		25 ROW Spill na			
				SW	/-8				
				1K02003	-23 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 20:09	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 20:09	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 20:09	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 20:09	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0507	11/05/21 15:11	11/05/21 20:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.5 %	80-120		P1K0507	11/05/21 15:11	11/05/21 20:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0507	11/05/21 15:11	11/05/21 20:09	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Metl	hods						
Chloride	32.9	1.00	mg/kg dry	1	P1K0302	11/03/21 10:01	11/03/21 23:47	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 20:22	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 20:22	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0406	11/04/21 13:30	11/04/21 20:22	TPH 8015M	
Surrogate: 1-Chlorooctane		77.8 %	70-130		P1K0406	11/04/21 13:30	11/04/21 20:22	TPH 8015M	
Surrogate: o-Terphenyl		79.4 %	70-130		P1K0406	11/04/21 13:30	11/04/21 20:22	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/04/21 13:30	11/04/21 20:22	calc	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707
Midland TX, 79706	Project Manager: Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0301 - *** DEFAULT PREP ***										
Blank (P1K0301-BLK1)				Prepared &	Analyzed:	11/03/21				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.114		"	0.108		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.108		101	80-120			
LCS (P1K0301-BS1)				Prepared &	Analyzed:	11/03/21				
Benzene	0.0833	0.00100	mg/kg wet	0.0967		86.1	70-130			
Toluene	0.0827	0.00100	"	0.0967		85.5	70-130			
Ethylbenzene	0.0914	0.00100	"	0.0967		94.5	70-130			
Xylene (p/m)	0.186	0.00200	"	0.193		96.2	70-130			
Xylene (o)	0.0795	0.00100	"	0.0967		82.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.116		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.116		105	80-120			
LCS Dup (P1K0301-BSD1)				Prepared &	Analyzed:	11/03/21				
Benzene	0.0924	0.00100	mg/kg wet	0.0956		96.6	70-130	11.5	20	
Toluene	0.0924	0.00100	"	0.0956		96.7	70-130	12.2	20	
Ethylbenzene	0.102	0.00100	"	0.0956		106	70-130	11.7	20	
Xylene (p/m)	0.206	0.00200	"	0.191		108	70-130	11.4	20	
Xylene (o)	0.0883	0.00100	"	0.0956		92.4	70-130	11.6	20	
Surrogate: 1,4-Difluorobenzene	0.121		"	0.115		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.115		102	80-120			
Calibration Blank (P1K0301-CCB1)				Prepared &	Analyzed:	11/03/21				
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.4	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tris	tie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214	707
Midland TX, 79706	Project Manager: Mik	e Carmona

Permian	Basin	Enviro	nmental	Lab,	L.P.
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		Reporting		Spike	Source		%REC		RPD	_
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0301 - *** DEFAULT PREP ***										
Calibration Blank (P1K0301-CCB2)				Prepared &	Analyzed:	11/03/21				
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			
Calibration Blank (P1K0301-CCB3)				Prepared &	Analyzed:	11/03/21				
Benzene	0.00		mg/kg wet							
Toluene	0.00									
Ethylbenzene	0.00		"							
Xylene (p/m)	0.350		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			
Calibration Check (P1K0301-CCV1)				Prepared &	Analyzed:	11/03/21				
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	75-125			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	75-125			
Calibration Check (P1K0301-CCV2)				Prepared &	Analyzed:	11/03/21				
Benzene	0.109	0.00100	mg/kg wet	0.100		109	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.107	0.00100		0.100		107	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		117	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	75-125			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	75-125			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
-	Result	Linit	Ollits	Level	Result	70KEC	Linits	KI D	Liint	Notes
Batch P1K0301 - *** DEFAULT PREP ***										
Calibration Check (P1K0301-CCV3)				Prepared &	Analyzed:	11/03/21				
Benzene	0.113	0.00100	mg/kg wet	0.100		113	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.237	0.00200	"	0.200		119	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	75-125			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	75-125			
Matrix Spike (P1K0301-MS1)	Sou	rce: 1K02002	-01	Prepared &	Analyzed:	11/03/21				
Benzene	0.107	0.00114	mg/kg dry	0.114	ND	94.0	80-120			
Toluene	0.104	0.00114	"	0.114	ND	91.8	80-120			
Ethylbenzene	0.111	0.00114	"	0.114	ND	97.7	80-120			
Xylene (p/m)	0.225	0.00227	"	0.227	ND	98.9	80-120			
Xylene (o)	0.0986	0.00114	"	0.114	ND	86.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.148		"	0.136		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.148		"	0.136		109	80-120			
Matrix Spike Dup (P1K0301-MSD1)	Sou	rce: 1K02002	-01	Prepared &	Analyzed:	11/03/21				
Benzene	0.102	0.00114	mg/kg dry	0.114	ND	89.5	80-120	4.95	20	
Toluene	0.0990	0.00114	"	0.114	ND	86.9	80-120	5.44	20	
Ethylbenzene	0.105	0.00114	"	0.114	ND	92.3	80-120	5.70	20	
Xylene (p/m)	0.212	0.00227	"	0.228	ND	93.3	80-120	5.79	20	
Xylene (o)	0.0932	0.00114	"	0.114	ND	81.8	80-120	5.86	20	
Surrogate: 1,4-Difluorobenzene	0.148		"	0.137		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.148		"	0.137		108	80-120			
Batch P1K0507 - *** DEFAULT PREP ***										
Blank (P1K0507-BLK1)				Prepared &	Analyzed:	11/05/21				
Benzene	ND	0.00100	mg/kg wet	-	•					
Toluene	ND	0.00100								
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200								
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.116		"	0.109		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.113		"	0.109		104	80-120			

Permian Basin Environmental Lab, L.P.

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		Reporting	TT *:	Spike	Source	A/FE2	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0507 - *** DEFAULT PREP ***										
LCS (P1K0507-BS1)				Prepared &	Analyzed:	11/05/21				
Benzene	0.0871	0.00100	mg/kg wet	0.0873		99.9	70-130			
Toluene	0.0868	0.00100	"	0.0873		99.5	70-130			
Ethylbenzene	0.0959	0.00100	"	0.0873		110	70-130			
Xylene (p/m)	0.195	0.00200	"	0.175		112	70-130			
Xylene (o)	0.0837	0.00100	"	0.0873		96.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.105		"	0.105		100	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.105		105	80-120			
LCS Dup (P1K0507-BSD1)				Prepared &	Analyzed:	11/05/21				
Benzene	0.0755	0.00100	mg/kg wet	0.0871		86.6	70-130	14.2	20	
Toluene	0.0739	0.00100	"	0.0871		84.9	70-130	15.9	20	
Ethylbenzene	0.0815	0.00100	"	0.0871		93.6	70-130	16.0	20	
Xylene (p/m)	0.166	0.00200	"	0.174		95.4	70-130	15.6	20	
Xylene (o)	0.0710	0.00100	"	0.0871		81.6	70-130	16.2	20	
Surrogate: 1,4-Difluorobenzene	0.109		"	0.105		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.104		"	0.105		99.1	80-120			
Calibration Blank (P1K0507-CCB1)				Prepared &	Analyzed:	11/05/21				
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.7	80-120			
Calibration Blank (P1K0507-CCB2)				Prepared &	Analyzed:	11/05/21				
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.3	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
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Permian	Basin	Enviro	nmental	Lab,	L.P.
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Sanch PLK0507 - *** DEFAULT PREP *** Data DEFAULT PREP *** Calibration Check (P1K0507-CCV1) Prepared & Analyzed: 11/05/21 Similar DEFAULT PREP *** Difference 0.111 0.000 III Similar DEFAULT PREP *** Calibration Check (P1K0507-CCV1) Prepared & Analyzed: 11/05/21 Similar PL PREP *** OUTO 0.0000 C 0.100 III Similar DEFAULT PREP *** Similar DEFAULT PREP *** OUTO 0.0000 Similar DEFAULT PREP *** Similar DEFAULT PREP *** OUTO 0.0000 OUTO 0.000 III Similar DEFAULT PREP *** Similar DEFAULT PREP *** OUTO 0.0000 OUTO 0.0000 Similar DEFAULT PREP *** Similar DEFAULT PREP *** OUTO 0.00000 OUTO 0.0000 Similar DEFAULT PREP *** Similar DEFAULT PREP *** OUTO 0.0000 OUTO 0.0000 Similar DEFAULT PREP *** Similar DEFAULT PR			Reporting		Spike	Source		%REC		RPD	
Labbration Check (P1K0507-CCV1) Prepared & Analyzed: 11/05/21 Sanzane 0.111 0.00100 mg/kg wet 0.100 111 80-120 Solarene 0.112 0.00100 * 0.100 112 80-120 Solarene 0.116 0.00100 * 0.100 116 80-120 Sylene (p/m) 0.239 0.00200 * 0.200 120 80-120 Sylene (p/m) 0.109 0.0100 * 0.120 80-120 * Sylene (p/m) 0.128 * 0.120 80-120 * * Sylene (p/m) 0.118 0.00100 * 0.120 80-120 * Sylene (p/m) 0.114 0.00100 mg/gg wet 0.100 114 80-120 * Solarene 0.114 0.00100 * 0.100 114 80-120 * * Solarene 0.114 0.00100 * 0.100 113 80-120 * *	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
kenzene 0.111 0.0100 mg/kg wet 0.100 111 80-120 blauene 0.112 0.0100 " 0.100 116 80-120 sthylkenzene 0.116 0.0100 " 0.100 116 80-120 skylene (n/m) 0.199 0.0100 " 0.100 110 80-120 skylene (n/m) 0.199 0.0100 " 0.100 109 80-120 skylene (n/m) 0.199 0.0100 " 0.100 109 80-120 skylene (n/m) 0.118 " 0.102 114 80-120 skylene (n/m) 0.114 0.0010 mg/kg wet 0.100 114 80-120 Selenzen 0.114 0.0010 " 0.100 114 80-120 Selenzen 0.113 0.0010 " 0.100 114 80-120 Selenzen 0.114 0.00100 " 0.100 114 80-120 Selenzen 0.113 0.0010 " 0.101 ND 96.8 8-120	Batch P1K0507 - *** DEFAULT PREP ***										
Foluene 0.112 0.000 * 0.100 112 80-120 Sthylbenzene 0.116 0.0010 * 0.100 116 80-120 Sylene (p'm) 0.239 0.0200 * 0.100 116 80-120 Swrogate: 4-Bromofluorobenzene 0.118 * 0.120 98.0 75-125 Swrogate: 1.4-Difluorobenzene 0.125 * 0.120 98.0 75-125 Swrogate: 1.4-Difluorobenzene 0.118 0.0100 mgk wet 0.100 114 80-120 Swrogate: 1.4-Difluorobenzene 0.113 0.0010 * 0.100 114 80-120 Swrogate: 4.14 0.00100 * 0.100 114 80-120 Sthylbenzene 0.113 0.00100 * 0.100 114 80-120 Warrogate: 4.Bromofluorobenzene 0.127 * 0.120 104 75-125 Warrogate: 4.Bromofluorobenzene 0.121 ND<	Calibration Check (P1K0507-CCV1)				Prepared &	Analyzed:	11/05/21				
Bitylbnzene 0.116 0.0010 " 0.100 116 80-120 Sylne (o) 0.109 0.000 " 0.100 100 80-120 Sylne (o) 0.109 0.000 " 0.100 100 80-120 Sylne (o) 0.100 100 100 80-120 80-120 Sylne (o) 0.125 " 0.120 100 75-125 Calibration Check (P1K0507-CCV2) Prepared & Analyzed: 11/05/21 " 90-120 114 80-120 Salar Sylne (P1K0507-CCV2) Prepared & Analyzed: 11/05/21 114 80-120	Benzene	0.111	0.00100	mg/kg wet	0.100		111	80-120			
Yeine (p'm) 0.239 0.0020 " 0.200 120 80-120 Sylene (o) 0.109 0.0100 " 0.100 109 80-120 iurrogate: 1.4-Difluorobenzene 0.118 " 0.120 98.0 75-125 iurrogate: 1.4-Difluorobenzene 0.114 0.0100 mk 70.120 104 75-125 "Calibration Check (P1K0507-CCV2) Prepared & Analyzed: 11/05/21 - - - - Solutene 0.114 0.00100 mk wet 0.100 114 80-120 - Solutene 0.113 0.00100 " 0.100 113 80-120 - Solutene 0.113 0.00100 " 0.100 114 80-120 - Solutene 0.113 0.00100 " 0.100 113 80-120 - Solutene (r) 0.113 0.00100 " 0.101 ND 98.6 80-120 - Solutene (r) 0.121 0.00100 mk g dry 0.101 ND 88.6 80-120 - <tr< td=""><td>Toluene</td><td>0.112</td><td>0.00100</td><td>"</td><td>0.100</td><td></td><td>112</td><td>80-120</td><td></td><td></td><td></td></tr<>	Toluene	0.112	0.00100	"	0.100		112	80-120			
Yene (a) 0.109 0.0010 " 0.100 109 80-120 iarrogate: 4-Bromofluorobenzene 0.118 " 0.120 104 75-125 Calibration Check (PI K0507-CCV2) Prepared & Analyzeci: 11/05/21 380-120 104 75-125 Senzene 0.114 0.00100 mg/kg wet 0.100 114 80-120 Senzene 0.113 0.00100 " 0.100 114 80-120 Schwene (a) 0.114 0.00100 " 0.100 114 80-120 Schwene (a) 0.114 0.00100 " 0.100 119 80-120 Schwene (a) 0.113 0.0100 " 0.100 113 80-120 Schwene (a) 0.112 " 0.120 110 75-125 Warrogate: H-Bromofluorobenzene 0.121 " 0.120 100 75-125 Warrogate: J-4-Difluorobenzene 0.121 " 0.120 100 75-125 Warrogate: J-4-Difluorobenzene 0.1	Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Opena (o) 0.103 0.0010 10.103 0.0120 0.0120 0.0120 iurogate: 1.4.Difluorobenzene 0.125 " 0.120 104 75-125 Sainorgate: 1.4.Difluorobenzene 0.114 0.0010 mgk wet 0.100 114 80-120 Sainorgate: 1.114 0.0010 " 0.100 113 80-120 Sainorgate: 0.114 0.00100 " 0.100 114 80-120 Sainorgate: 1.114 0.00100 " 0.100 113 80-120 Sainorgate: 1.4.Difluorobenzene 0.113 0.00100 " 0.100 113 80-120 Sainorgate: 1.4.Difluorobenzene 0.121 " 0.120 104 75-125 Matrix Spike (P1K0507-MS1) Source: K02003-17 Prepared & Analyzed: 11/05/21 Matrix Spike (P1K0507-MS1) Source: K02003-17 104 80-120 104 Source: 1.4.Difluorobenzene 0.101 0.0010 </td <td>Xylene (p/m)</td> <td>0.239</td> <td>0.00200</td> <td>"</td> <td>0.200</td> <td></td> <td>120</td> <td>80-120</td> <td></td> <td></td> <td></td>	Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120			
unrogate: 1.13 0.120 98.0 7.5-125 variation Check (P1K0507-CCV2) Prepared & Analyzed: 11/05/21 7.5-125 Benzane 0.114 0.0010 mg/d with the solution of the solution	Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Calibration Check (P1K0507-CCV2) Prepared & Analyzed: 11/05/21 Serzene 0.114 0.00100 mg/k wet 0.10 114 80-120 Schwarz 0.113 0.00100 mg/k wet 0.100 114 80-120 Schwarz 0.114 0.00100 " 0.100 114 80-120 Schwarz 0.113 0.00100 " 0.100 113 80-120 Schwarz 0.121 " 0.120 1101 75-125	Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	75-125			
Benzene 0.114 0.00100 mg/kg wet 0.100 114 80-120 Foluene 0.113 0.00100 " 0.100 113 80-120 Sthylbenzene 0.114 0.00100 " 0.100 114 80-120 Sylene (p/m) 0.239 0.00200 " 0.200 119 80-120 Sylene (p/m) 0.239 0.00100 " 0.100 113 80-120 Surrogate: 4-Bromofluorobenzene 0.121 " 0.120 101 75-125 Matrix Spike (P1K0507-MS1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 Benzene 0.0994 0.00100 mg/kg dry 0.101 ND 98.6 80-120 Solutene 0.994 0.00100 " 0.101 ND 80.6 80-120 Solutene 0.094 0.00100 " 0.101 ND 80.6 80-120 Solutene 0.010 0.00100 " 0.101 ND 80.4 80-120 Solutene 0.102 0.00100 "	Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	75-125			
Toluene 0.113 0.0000 " 0.100 113 80-120 Sthylbenzene 0.114 0.0000 " 0.200 119 80-120 Sylene (p/m) 0.239 0.0020 " 0.200 119 80-120 Sylene (o) 0.113 0.000 " 0.100 113 80-120 Surrogate: 1-AFDiffuorobenzene 0.121 " 0.120 101 75-125 Warts Spike (P1K0507-MS1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21	Calibration Check (P1K0507-CCV2)				Prepared &	Analyzed:	11/05/21				
Bitly benzee 0.114 0.0010 " 0.100 114 80-120 Sylen (n/m) 0.239 0.0020 " 0.200 113 80-120 Sylen (n/m) 0.113 0.0010 " 0.120 101 75-125 Surrogate: 1.4-Diftuorobenzene 0.125 " 0.120 104 75-125 Matrix Spike (P1K0507-MS1) Surre: 1K0203-T " 0.101 ND 98.6 80-120 Senzene 0.0994 0.00100 mg/k dry 0.101 ND 98.6 80-120 Sthybenzene 0.0994 0.00100 " 0.101 ND 98.6 80-120 Sthybenzene 0.0994 0.00100 " 0.101 ND 80.4 80-120 Sthybenzene 0.101 0.00100 " 0.101 ND 80.120 101 Sthybenzene 0.102 0.00100 " 0.101 ND 80-120 101 Sthybenzene 0.102 0.00100 " 0.101 ND 80.120 101 101 101 101 </td <td>Benzene</td> <td>0.114</td> <td>0.00100</td> <td>mg/kg wet</td> <td>0.100</td> <td></td> <td>114</td> <td>80-120</td> <td></td> <td></td> <td></td>	Benzene	0.114	0.00100	mg/kg wet	0.100		114	80-120			
and reductive 0.011 0.00100 0.0100 0.0200 1.14 0.0100 1.13 0.010 Sylene (p/m) 0.239 0.00200 " 0.200 1.19 80-120 Sylene (p/m) 0.113 0.0010 " 0.100 1.13 80-120 Surrogate: 1, 4-Difluorobenzene 0.125 " 0.120 1.04 75-125 Matrix Spike (P1K0507-MS1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 Senzene 0.0994 0.0010 mg/k dry 0.011 ND 98.6 80-120 Sthybenzene 0.101 0.00100 " 0.101 ND 98.6 80-120 Sylene (p/m) 0.204 0.00200 " 0.011 ND 88.4 80-120 Sylene (o) 0.0891 0.0010 " 0.101 ND 88.4 80-120 Sylene (o/m) 0.204 0.00200 " 0.121 1.04 80-120 Sylene (o/m) 0.204 0.00100 " 0.121 1.01 80-120 Sylene (o/m)	Toluene	0.113	0.00100	"	0.100		113	80-120			
Spring (pm) Bussis Bussis </td <td>Ethylbenzene</td> <td>0.114</td> <td>0.00100</td> <td>"</td> <td>0.100</td> <td></td> <td>114</td> <td>80-120</td> <td></td> <td></td> <td></td>	Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
System (b) 0.113 0.0010 0.100 0.100 113 60-120 Sharrogate: 4-Bromofluorobenzene 0.121 " 0.120 101 75-125 Matrix Spike (P1K0507-MS1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 V Senzene 0.0994 0.0010 mg/kg dry 0.101 ND 98.6 80-120 Sidurogate: 1.4-Difluorobenzene 0.0994 0.00100 " 0.101 ND 98.6 80-120 Source: 1K02003-17 Prepared & Analyzed: 11/05/21 -	Xylene (p/m)	0.239	0.00200	"	0.200		119	80-120			
Matrix Spike (P1K0507-MS1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 Starrogate: 1.4-Difluorobenzene 0.0994 0.00100 mg/kg dry 0.101 ND 98.6 80-120 Starrogate: 1.4-Difluorobenzene 0.0994 0.00100 mg/kg dry 0.101 ND 98.6 80-120 Starrogate: 1.4-Difluorobenzene 0.0981 0.00100 " 0.101 ND 98.6 80-120 Starrogate: 1.4-Difluorobenzene 0.101 0.00100 " 0.101 ND 100 80-120 Sthylbenzene 0.101 0.00100 " 0.101 ND 88.4 80-120 Surrogate: 1.4-Difluorobenzene 0.126 " 0.101 ND 88.4 80-120 Surrogate: 1.4-Difluorobenzene 0.122 " 0.101 ND 88.4 80-120 Surrogate: 1.4-Difluorobenzene 0.122 " 0.121 104 80-120 104 20 Surrogate: 4-Bromofluorobenzene 0.122 " 0.121 104 80-120 104 20 Surrogate: 1.4-Difluorobenzene 0.102	Xylene (o)	0.113	0.00100		0.100		113	80-120			
Matrix Spike (P1K0507-MS1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 Benzene 0.0994 0.00100 mg/kg dry 0.101 ND 98.6 80-120 Foluene 0.0981 0.00100 " 0.101 ND 98.6 80-120 Sthylbenzene 0.101 0.00100 " 0.101 ND 96.0 80-120 Sthylbenzene 0.101 0.00100 " 0.101 ND 100 80-120 Stylbenzene 0.101 0.00100 " 0.101 ND 80-120 Stylbenzene 0.204 0.00200 " 0.202 ND 101 80-120 Stylbenzene 0.0204 0.00100 " 0.101 ND 88.4 80-120 Styrogate: 1,4-Difluorobenzene 0.122 " 0.121 104 80-120 Styrogate: 4-Bromofluorobenzene 0.102 0.00100 mg/kg dry 0.096 ND 103 80-120 4.04 20 20 <t< td=""><td>Surrogate: 4-Bromofluorobenzene</td><td>0.121</td><td></td><td>"</td><td>0.120</td><td></td><td>101</td><td>75-125</td><td></td><td></td><td></td></t<>	Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	75-125			
Benzene 0.0994 0.00100 mg/kg dry 0.101 ND 98.6 80-120 Foluene 0.0981 0.00100 " 0.101 0.00124 96.0 80-120 Sithylbenzene 0.101 0.00100 " 0.101 ND 100 80-120 Sylene (p/m) 0.204 0.00200 " 0.202 ND 101 80-120 Sylene (o) 0.0891 0.00100 " 0.101 ND 88.4 80-120 Surrogate: 1,4-Difluorobenzene 0.126 " 0.121 104 80-120 Matrix Spike Dup (P1K0507-MSD1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 Source: 1K02003-17 Senzene 0.102 0.00100 mg/kg dry 0.0996 ND 103 80-120 4.05 20 Foluene 0.101 0.00100 " 0.0996 ND 103 80-120 4.04 20 Stylbenzene 0.105 0.00100 " 0.0996 ND 105 80-120 4.04 20 Stylbenzene 0.105 <	Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	75-125			
Toluene 0.0981 0.00100 " 0.101 0.00124 96.0 80-120 Sthylbenzene 0.101 0.00100 " 0.101 ND 100 80-120 Sylene (p/m) 0.204 0.00200 " 0.202 ND 101 80-120 Sylene (o) 0.0891 0.00100 " 0.101 ND 88.4 80-120 Surrogate: 1,4-Difluorobenzene 0.126 " 0.121 104 80-120 Surrogate: 4-Bromofluorobenzene 0.122 " 0.121 101 80-120 Matrix Spike Dup (P1K0507-MSD1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 - - Senzene 0.102 0.00100 mg/kg dry 0.0996 ND 103 80-120 4.05 20 Soluene 0.101 0.00100 " 0.0996 ND 103 80-120 4.04 20 Sthylbenzene 0.105 0.00100 " 0.0996 ND 105 80-120 4.04 20 Stylbenc(o) 0.0918 0.00100	Matrix Spike (P1K0507-MS1)	Sou	rce: 1K02003	6-17	Prepared &	Analyzed:	11/05/21				
Solution 0.0010 0.0100 0.011 0.0011 ND 100 80-120 Sthylbenzene 0.101 0.00200 " 0.202 ND 101 80-120 Kylene (p/m) 0.204 0.00200 " 0.202 ND 101 80-120 Surrogate: 1,4-Difluorobenzene 0.126 " 0.121 104 80-120 Surrogate: 4-Bromofluorobenzene 0.122 " 0.121 101 80-120 Matrix Spike Dup (P1K0507-MSD1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 Solution 0.0100 mg/kg dry 0.0996 ND 103 80-120 4.05 20 Solution 0.101 0.00100 " 0.0996 ND 103 80-120 4.04 20 Solution 0.0100 " 0.0996 ND 105 80-120 4.04 20 Solution 0.0100 " 0.0996 ND 105 80-120 4.60 20 Solution 0.0100 " 0.0996 ND 105 </td <td>Benzene</td> <td>0.0994</td> <td>0.00100</td> <td>mg/kg dry</td> <td>0.101</td> <td>ND</td> <td>98.6</td> <td>80-120</td> <td></td> <td></td> <td></td>	Benzene	0.0994	0.00100	mg/kg dry	0.101	ND	98.6	80-120			
Any Benkelie Bollon Bollon<	Toluene	0.0981	0.00100	"	0.101	0.00124	96.0	80-120			
Sylene (o) 0.0891 0.00100 " 0.101 ND 88.4 80-120 Surrogate: 1,4-Difluorobenzene 0.126 " 0.121 104 80-120 Surrogate: 4-Bromofluorobenzene 0.122 " 0.121 101 80-120 Matrix Spike Dup (P1K0507-MSD1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 V Benzene 0.102 0.00100 mg/kg dry 0.0996 ND 103 80-120 4.05 20 Foluene 0.101 0.00100 " 0.0996 ND 103 80-120 4.04 20 Stylene (p/m) 0.210 0.00100 " 0.0996 ND 105 80-120 4.04 20 Stylene (p/m) 0.210 0.00200 " 0.199 ND 105 80-120 4.26 20 Stylene (o) 0.0918 0.00100 " 0.0996 ND 105 80-120 4.26 20 Stylene (o) 0.0918 0.00100 " 0.0996 ND 92.1 80-120 4.14 20	Ethylbenzene	0.101	0.00100	"	0.101	ND	100	80-120			
Surrogate: 1,4-Difluorobenzene 0.126 " 0.121 104 80-120 Surrogate: 4-Bromofluorobenzene 0.122 " 0.121 101 80-120 Matrix Spike Dup (P1K0507-MSD1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 101 80-120 4.05 20 Senzene 0.102 0.00100 mg/kg dry 0.0996 ND 103 80-120 4.05 20 Foluene 0.101 0.00100 " 0.0996 ND 103 80-120 4.04 20 Stylene (p/m) 0.210 0.00200 " 0.199 ND 105 80-120 4.60 20 Stylene (o) 0.0918 0.00100 0.0996 ND 105 80-120 4.26 20 Stylene (a) 0.0918 0.00100 " 0.0996 ND 105 80-120 4.14 20 Stylene (a) 0.0918 0.0100 " 0.0996 ND 92.1 80-120 4.14 20 Stylene (a) 0.127 " 0.120 106 80-120	Xylene (p/m)	0.204	0.00200		0.202	ND	101	80-120			
Matrix Spike Dup (P1K0507-MSD1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 Matrix Spike Dup (P1K0507-MSD1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 Senzene 0.102 0.00100 mg/kg dry 0.0996 ND 103 80-120 4.05 20 Foluene 0.101 0.00100 " 0.0996 ND 103 80-120 4.04 20 Schylbenzene 0.105 0.00100 " 0.0996 ND 105 80-120 4.04 20 Schylbenzene 0.105 0.00100 " 0.0996 ND 105 80-120 4.60 20 Schylbenzene 0.0105 0.00100 " 0.0996 ND 105 80-120 4.26 20 Schylbenzene 0.210 0.00200 " 0.199 ND 105 80-120 4.26 20 Schylbenzene 0.0918 0.00100 " 0.0996 ND 105 80-120 4.14 20 Surrogate: 4-Bromofluorobenzene 0.127 " 0.120 106 80-120 4.14<	Xylene (o)	0.0891	0.00100	"	0.101	ND	88.4	80-120			
Matrix Spike Dup (P1K0507-MSD1) Source: 1K02003-17 Prepared & Analyzed: 11/05/21 Benzene 0.102 0.00100 mg/kg dry 0.0996 ND 103 80-120 4.05 20 Soluene 0.101 0.00100 " 0.0996 ND 103 80-120 4.04 20 Sthylbenzene 0.105 0.00100 " 0.0996 ND 105 80-120 4.60 20 Kylene (p/m) 0.210 0.00200 " 0.199 ND 105 80-120 4.26 20 Kylene (o) 0.0918 0.00100 " 0.0996 ND 105 80-120 4.26 20 Kylene (o) 0.0918 0.00100 " 0.0996 ND 105 80-120 4.14 20	Surrogate: 1,4-Difluorobenzene	0.126		"	0.121		104	80-120			
Benzene 0.102 0.00100 mg/kg dry 0.0996 ND 103 80-120 4.05 20 Solutione 0.101 0.00100 " 0.0996 0.00124 100 80-120 4.04 20 Schulene 0.105 0.00100 " 0.0996 ND 105 80-120 4.04 20 Schulpbenzene 0.105 0.00100 " 0.0996 ND 105 80-120 4.60 20 Kylene (p/m) 0.210 0.00200 " 0.199 ND 105 80-120 4.26 20 Kylene (o) 0.0918 0.00100 " 0.0996 ND 92.1 80-120 4.14 20 Surrogate: 4-Bromofluorobenzene 0.127 " 0.120 106 80-120 4.14 20	Surrogate: 4-Bromofluorobenzene	0.122		"	0.121		101	80-120			
Foluene 0.101 0.00100 " 0.0996 0.00124 100 80-120 4.04 20 Ethylbenzene 0.105 0.00100 " 0.0996 ND 105 80-120 4.60 20 Kylene (p/m) 0.210 0.00200 " 0.199 ND 105 80-120 4.26 20 Kylene (o) 0.0918 0.00100 " 0.0996 ND 92.1 80-120 4.14 20 Surrogate: 4-Bromofluorobenzene 0.127 " 0.120 106 80-120 4.14 20	Matrix Spike Dup (P1K0507-MSD1)	Sou	rce: 1K02003	6-17	Prepared &	Analyzed:	11/05/21				
Cthylbenzene 0.105 0.00100 " 0.0996 ND 105 80-120 4.60 20 Kylene (p/m) 0.210 0.00200 " 0.199 ND 105 80-120 4.60 20 Kylene (o) 0.0918 0.00100 " 0.0996 ND 92.1 80-120 4.14 20 Surrogate: 4-Bromofluorobenzene 0.127 " 0.120 106 80-120	Benzene	0.102	0.00100	mg/kg dry	0.0996	ND	103	80-120	4.05	20	
Xylene (p/m) 0.210 0.00200 " 0.199 ND 105 80-120 4.26 20 Xylene (o) 0.0918 0.00100 " 0.0996 ND 92.1 80-120 4.14 20 Surrogate: 4-Bromofluorobenzene 0.127 " 0.120 106 80-120	Toluene	0.101	0.00100		0.0996	0.00124	100	80-120	4.04	20	
Kylene (o) 0.0918 0.00100 " 0.0996 ND 92.1 80-120 4.14 20 Surrogate: 4-Bromofluorobenzene 0.127 " 0.120 106 80-120	Ethylbenzene	0.105	0.00100	"	0.0996	ND	105	80-120	4.60	20	
Surrogate: 4-Bromofluorobenzene 0.127 " 0.120 106 80-120	Xylene (p/m)	0.210	0.00200		0.199	ND	105	80-120	4.26	20	
100 00-120	Xylene (o)	0.0918	0.00100	"	0.0996	ND	92.1	80-120	4.14	20	
² urrogate: 1,4-Difluorobenzene 0.130 " 0.120 109 80-120	Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	80-120			
	Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		109	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

					,					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
7 mary co	resurt	Elilit	omo	Lever	result	/mee	Emits	Iu D	Linit	Hotes
Batch P1K0204 - *** DEFAULT PREP ***										
Blank (P1K0204-BLK1)				Prepared &	Analyzed:	11/02/21				
Chloride	ND	1.00	mg/kg wet							
LCS (P1K0204-BS1)				Prepared &	Analyzed:	11/02/21				
Chloride	392	1.00	mg/kg wet	400		98.0	90-110			
LCS Dup (P1K0204-BSD1)				Prepared &	Analyzed:	11/02/21				
Chloride	391	1.00	mg/kg wet	400		97.7	90-110	0.296	10	
Calibration Blank (P1K0204-CCB1)				Prepared &	Analyzed:	11/02/21				
Chloride	-0.00400		mg/kg wet							
Calibration Blank (P1K0204-CCB2)				Prepared &	Analyzed:	11/02/21				
Chloride	-0.134		mg/kg wet							
Calibration Check (P1K0204-CCV1)				Prepared &	Analyzed:	11/02/21				
Chloride	20.3		mg/kg	20.0		101	90-110			
Calibration Check (P1K0204-CCV2)				Prepared &	Analyzed:	11/02/21				
Chloride	20.0		mg/kg	20.0		100	90-110			
Calibration Check (P1K0204-CCV3)				Prepared: 1	1/02/21 Ar	nalyzed: 11	/03/21			
Chloride	19.8		mg/kg	20.0		99.1	90-110			
Matrix Spike (P1K0204-MS1)	Sou	rce: 1K01002	2-01	Prepared &	Analyzed:	11/02/21				
Chloride	41400	100	mg/kg dry	10000	31800	96.6	80-120			
Matrix Spike (P1K0204-MS2)	Sou	rce: 1K01004	1-07	Prepared &	Analyzed:	11/02/21				
Chloride	581	1.16	mg/kg dry	581	28.2	95.1	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707
Midland TX, 79706	Project Manager: Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0204 - *** DEFAULT PREP ***										
Matrix Spike Dup (P1K0204-MSD1)	Sou	rce: 1K01002	2-01	Prepared &	Analyzed:	11/02/21				
Chloride	42200	100	mg/kg dry	10000	31800	105	80-120	1.92	20	
Matrix Spike Dup (P1K0204-MSD2)	Sou	rce: 1K01004	-07	Prepared &	Analyzed:	11/02/21				
Chloride	579	1.16	mg/kg dry	581	28.2	94.8	80-120	0.291	20	
Batch P1K0302 - *** DEFAULT PREP ***										
Blank (P1K0302-BLK1)				Prepared &	Analyzed:	11/03/21				
Chloride	ND	1.00	mg/kg wet							
LCS (P1K0302-BS1)				Prepared &	Analyzed:	11/03/21				
Chloride	400	1.00	mg/kg wet	400		99.9	90-110			
LCS Dup (P1K0302-BSD1)				Prepared &	Analyzed:	11/03/21				
Chloride	398	1.00	mg/kg wet	400		99.4	90-110	0.512	10	
Calibration Blank (P1K0302-CCB1)				Prepared &	Analyzed:	11/03/21				
Chloride	0.0440		mg/kg wet							
Calibration Blank (P1K0302-CCB2)				Prepared &	Analyzed:	11/03/21				
Chloride	-0.210		mg/kg wet							
Calibration Check (P1K0302-CCV1)				Prepared &	Analyzed:	11/03/21				
Chloride	18.4		mg/kg	20.0		92.2	90-110			
Calibration Check (P1K0302-CCV2)				Prepared &	Analyzed:	11/03/21				
Chloride	19.9		mg/kg	20.0		99.5	90-110			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

A h de	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0302 - *** DEFAULT PREP ***										
Calibration Check (P1K0302-CCV3)				Prepared: 1	1/03/21 Ai	nalyzed: 11	/04/21			
Chloride	19.6		mg/kg	20.0		97.9	90-110			
Matrix Spike (P1K0302-MS1)	Sou	rce: 1K02003	-05	Prepared &	Analyzed:	11/03/21				
Chloride	578	1.00	mg/kg dry	500	106	94.5	80-120			
Matrix Spike (P1K0302-MS2)	Sou	rce: 1K02003	-15	Prepared &	Analyzed:	11/03/21				
Chloride	669	1.00	mg/kg dry	500	206	92.5	80-120			
Matrix Spike Dup (P1K0302-MSD1)	Sou	rce: 1K02003	-05	Prepared &	Analyzed:	11/03/21				
Chloride	577	1.00	mg/kg dry	500	106	94.3	80-120	0.220	20	
Matrix Spike Dup (P1K0302-MSD2)	Sou	rce: 1K02003	-15	Prepared &	Analyzed:	11/03/21				
Chloride	657	1.00	mg/kg dry	500	206	90.2	80-120	1.72	20	
Batch P1K0402 - *** DEFAULT PREP ***										
Blank (P1K0402-BLK1)				Prepared &	Analyzed:	11/04/21				
% Moisture	ND	0.1	%							
Blank (P1K0402-BLK2)				Prepared &	z Analyzed:	11/04/21				
% Moisture	ND	0.1	%	*	•					
Blank (P1K0402-BLK3)				Prepared &	Analyzed:	11/04/21				
% Moisture	ND	0.1	%							
Duplicate (P1K0402-DUP1)	Sou	rce: 1K02003	-06	Prepared &	Analyzed:	11/04/21				
% Moisture	ND	0.1	%		1.0			200	20	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0402 - *** DEFAULT PREP ***										
Duplicate (P1K0402-DUP2)	Sourc	e: 1K02003-	16	Prepared &	Analyzed:	11/04/21				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P1K0402-DUP3)	Sourc	e: 1K02004-	08	Prepared &	Analyzed:	11/04/21				
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P1K0402-DUP4)	Sourc	e: 1K03001-	01	Prepared &	Analyzed:	11/04/21				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P1K0402-DUP5)	Sourc	e: 1K03007-	11	Prepared &	Analyzed:	11/04/21				
% Moisture	15.0	0.1	%		14.0			6.90	20	
Duplicate (P1K0402-DUP6)	Sourc	e: 1K03009-	01	Prepared &	Analyzed:	11/04/21				
% Moisture	5.0	0.1	%		6.0			18.2	20	

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0207 - TX 1005										
Blank (P1K0207-BLK1)				Prepared &	Analyzed:	11/02/21				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	81.3		"	100		81.3	70-130			
Surrogate: o-Terphenyl	42.9		"	50.0		85.9	70-130			
LCS (P1K0207-BS1)				Prepared &	Analyzed:	11/02/21				
C6-C12	910	25.0	mg/kg wet	1000		91.0	75-125			
>C12-C28	928	25.0	"	1000		92.8	75-125			
Surrogate: 1-Chlorooctane	126		"	100		126	70-130			
Surrogate: o-Terphenyl	47.2		"	50.0		94.5	70-130			
LCS Dup (P1K0207-BSD1)				Prepared &	Analyzed:	11/02/21				
C6-C12	824	25.0	mg/kg wet	1000		82.4	75-125	9.87	20	
>C12-C28	843	25.0	"	1000		84.3	75-125	9.57	20	
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	43.3		"	50.0		86.6	70-130			
Calibration Check (P1K0207-CCV1)				Prepared &	Analyzed:	11/02/21				
C6-C12	481	25.0	mg/kg wet	500		96.2	85-115			
>C12-C28	476	25.0	"	500		95.2	85-115			
Surrogate: 1-Chlorooctane	115		"	100		115	70-130			
Surrogate: o-Terphenyl	49.6		"	50.0		99.2	70-130			
Calibration Check (P1K0207-CCV2)				Prepared: 1	1/02/21 Ai	nalyzed: 11	/03/21			
C6-C12	473	25.0	mg/kg wet	500		94.6	85-115			
>C12-C28	474	25.0	"	500		94.7	85-115			
Surrogate: 1-Chlorooctane	106		"	100		106	70-130			
Surrogate: o-Terphenyl	46.3		"	50.0		92.6	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Amelyte	Result	Reporting	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Noter
Analyte	Kesuit	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0207 - TX 1005										
Matrix Spike (P1K0207-MS1)	Sourc	e: 1K02003	8-15	Prepared: 1	1/02/21 Ai	nalyzed: 11	/03/21			
C6-C12	899	25.0	mg/kg dry	1000	12.0	88.7	75-125			
>C12-C28	920	25.0	"	1000	14.8	90.5	75-125			
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	45.4		"	50.0		90.9	70-130			
Matrix Spike Dup (P1K0207-MSD1)	Sourc	e: 1K02003	8-15	Prepared: 1	1/02/21 Aı	nalyzed: 11	/03/21			
C6-C12	908	25.0	mg/kg dry	1000	12.0	89.6	75-125	0.967	20	
>C12-C28	926	25.0	"	1000	14.8	91.2	75-125	0.732	20	
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	46.9		"	50.0		93.8	70-130			
Batch P1K0406 - TX 1005										
Blank (P1K0406-BLK1)				Prepared &	Analyzed:	11/04/21				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	85.4		"	100		85.4	70-130			
Surrogate: o-Terphenyl	44.9		"	50.0		89.8	70-130			
LCS (P1K0406-BS1)				Prepared &	Analyzed:	11/04/21				
C6-C12	1010	25.0	mg/kg wet	1000		101	75-125			
>C12-C28	921	25.0	"	1000		92.1	75-125			
Surrogate: 1-Chlorooctane	124		"	100		124	70-130			
Surrogate: o-Terphenyl	46.6		"	50.0		93.2	70-130			
LCS Dup (P1K0406-BSD1)				Prepared &	Analyzed:	11/04/21				
C6-C12	1000	25.0	mg/kg wet	1000		100	75-125	0.0906	20	
>C12-C28	888	25.0	"	1000		88.8	75-125	3.71	20	
Surrogate: 1-Chlorooctane	87.4		"	100		87.4	70-130			
Surrogate: o-Terphenyl	47.2		"	50.0		94.3	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1K0406 - TX 1005										
Calibration Check (P1K0406-CCV1)				Prepared &	z Analyzed:	11/04/21				
C6-C12	500	25.0	mg/kg wet	500		99.9	85-115			
>C12-C28	466	25.0	"	500		93.2	85-115			
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	47.9		"	50.0		95.8	70-130			
Calibration Check (P1K0406-CCV2)				Prepared &	Analyzed:	11/04/21				
C6-C12	433	25.0	mg/kg wet	500		86.7	85-115			
>C12-C28	432	25.0	"	500		86.4	85-115			
Surrogate: 1-Chlorooctane	92.8		"	100		92.8	70-130			
Surrogate: o-Terphenyl	41.0		"	50.0		82.0	70-130			
Calibration Check (P1K0406-CCV3)				Prepared: 1	11/04/21 A	nalyzed: 11	/05/21			
C6-C12	459	25.0	mg/kg wet	500		91.8	85-115			
>C12-C28	435	25.0	"	500		87.0	85-115			
Surrogate: 1-Chlorooctane	97.3		"	100		97.3	70-130			
Surrogate: o-Terphenyl	43.3		"	50.0		86.5	70-130			
Matrix Spike (P1K0406-MS1)	Sou	rce: 1K02005	5-03	Prepared: 1	11/04/21 A	nalyzed: 11	/05/21			
C6-C12	923	25.0	mg/kg dry	1000	15.8	90.8	75-125			
>C12-C28	842	25.0	"	1000	10.2	83.2	75-125			
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	38.3		"	50.0		76.6	70-130			
Matrix Spike Dup (P1K0406-MSD1)	Sou	rce: 1K02005	5-03	Prepared: 1	11/04/21 A	nalyzed: 11	/05/21			
C6-C12	815	25.0	mg/kg dry	1000	15.8	79.9	75-125	12.8	20	
>C12-C28	743	25.0	"	1000	10.2	73.3	75-125	12.7	20	QM-0
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Notes and Definitions

ROI	Received on Ice
D2	

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- NPBEL C(Chain of Custody was not generated at PBELAB
- BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike
- Dup Duplicate

Report Approved By:

Bun Barron

Date: 11/8/2021

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tristie Draw 25 ROW Spill	ristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707	14707
Midland TX, 79706	Project Manager: Mike Carmona	fike Carmona

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If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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	2	1:08	11 12	11/2/			Juna Sterine	Thing.	N N	for my
Signature) Received by: (Signature) Date/Time	Relinquished by (Signature)	9	Date/Time			Received by: (Signature)	Received		(Signature)	Relinquished by: (Signature
gnature of this document and reinquishment of samples construines a value purchase order from clein company to Anno, its annuares and subcontractors. It assigns standard, terms and conductions Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control A minimum charge of \$86.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.	nd subcontractors. It assigns a int if such losses are due to cirr esa terms will be enforced unit	ammates a 1 by the cile nalyzed. Th	es incurrec), but not a	s or expens ed to Xenco	h sample submit	s a valid purchase ord ume any responsibility harge of \$5 for each s	project and a c	astimetic or sam it of samples an applied to each	ocument and relinquing able only for the cos rge of \$85.00 will be :	Notice: Signature of this document and reininquisimment or samples constitutes a valid purchase of service. Xenco will be liable only for the cost of samples and shall not assume any responsib of Xenco. A minimum charge of \$36.00 will be applied to each project and a charge of \$6 for eac
									Additoinal Comments:	Additoin
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		×	×	-	0	×		11/1/2021		CS-3 (4')
		××	×		0	×		11/1/2021	(4')	CS-2 (4
		××		-	0	×		11/1/2021	(4 ')	CS-1 (4
Sample Comments		TP		Cont	er Grab/ Comp	Soil Water	Time	Date	fication	Sample Identification
NaOH+Ascorbic Acid: SAPC		H 80			6	emperature: 5	Corrected Temperature:			otal Containers:
Zn Acetate+NaOH: Zn				н		4	Temperature Reading	No N/A	Yes	Sample Custody Seals
Η Na ₂ S ₂ O ₃ : NaSO ₃	-		BTEX	P			Correction Factor.	No N/A	Yes	Cooler Custody Seals:
L NaHSO4: NABIS			-	araı	2		Thermometer ID:		Yes	Received Intact:
H ₃ PO ₄ : HP	······································	DRC 00.0	<u>.</u>	nete	Yes No	Wet Ice: Y	Yes No	Temp Blank:		SAMPLE RECEIPT
H ₂ SO ₄ : H ₂ NaOH: Na				ı .rs	4:30pm	lab, if received by				PO#
	·····	ARO)			wived by the	TAT starts the day received by the		NH/ES	7	Sampler's Name:
Cool: Cool MeOH: Me						Due Date:	D	Lea Co, NM	Lea	Project Location
None: NO DI Water: H ₂ O				Code	Rush	Routine I		214707	2	Project Number:
ANALYSIS REQUEST Preservative Codes	ANALYSIS				nd	Turn Around	Spill	Triste Draw 25 ROW Spill	Triste Drav	Project Name:
Deliverables: EDD ADaPT D Other:		35	/ 432.208.3035	com / 432	lluig@cimarex.c	Email: Iluig(432.813.0263	Phone:
Reporting:Level II Level III PST/UST TRRP L Level IV		Midland, Tx 79701	Midland		City, State ZIP:	City, 1		706	Midland, TX 79706	City, State ZIP: 1
]	St. #600	600 N Marienfeld St. #600	600 N N		iss:	Address:		BLVD	701 Tradewinds BLVD	Address: 7
Program: UST/PST PRP Brownfields RRC uperfund	, , ,	Cimarex Energy Co	Cimarex		Company Name:	Com		intal	NTG Environmental	Company Name: 1
Work Order Comments		G	Laci Luig		Bill to: (if different)	Bill to			Mike Carmona	Project Manager: 1
Work Order No: 1K0A003									ENVIRONMENTA	

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Sample Comments			Grab/ #of Comp Cont	Water c	Soli	Time	Date	ntification	Sample Identification
NaOH+Ascorbic Acid: SAPC	i 801			0.9	Corrected Temperature:	Corrected			otal Containers:
Zn Acetate+NaOH: Zn				ļ.	Temperature Reading:	Temperat	No N/A	als: Yes	Sample Custody Seals:
		TEX	 	1	in Factor:	Correction Factor:	No N/A	Yes	Cooler Custody Seals:
InaHSO4: NABIS			 arar	R R	neter ID:	Thermometer ID:	IS No	Yes	Received Intact:
H ₃ PO ₄ : HP	00.0		l S nete	es.	b Wet Ice:	Yes No	Temp Blank:		SAMPLE RECEIPT
N	D + №		. 30	ved by 4:30pn	lab, if receiv				PO#:
	IRO)		y the	ay received b	TAT starts the day received by the		NH/ES		Sampler's Name:
Cool: Cool MeOH: Me)				Due Date:		Lea Co, NM	Le	Project Location
None			Code	Rush	✓ Routine		214707		Project Number:
ANALYSIS REQUEST Preservative Codes				Turn Around	Tum	Spill	Triste Draw 25 ROW Spill	Triste Dr	Project Name:
Deliverables: EDD ADaPT Other:)35	32.208.30	lluig@cimarex.com / 432.208.3035	lluig@cima	Email:			432.813.0263	Phone:
Reporting:Level II Level III PST/UST TRRP Level IV	Midland, Tx 79701	Midland,	17: 17:	City, State ZIP			9706	Midland, TX 79706	City, State ZIP:
I	600 N Marienfeld St. #6	600 N M		Address:			ts BLVD	701 Tradewinds BLVD	Address:
Program: UST/PST PRP Brownfields RRC uperfund	Cimarex Energy Co.	Cimarex	ame:	Company Name			vental	NTG Environmental	Company Name:
Work Order Comments	ĝ	Laci Luig	rent)	Bill to: (if different)				Mike Carmona	Project Manager.
Work Order No: 11/L0 2003	Custody	(C) Nanja						ENVIRONMENTA	B



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DOC #: PBEL_SAMPLE_CHECKLIST REVISION #: PBEL_2021_1 REVISION Date: 10/30/2021 EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE

Cli Na Da	20		<u></u>
Client Contacted Name: Date/Time:	Resolution;		ariance/Discrepancy:
Fe A			crebancy:
		A New Party of the Source of the	

PBEL_SAMPLE_CHECKLIST_2021_1

NC initiated by:

Approved by:

Page 2 of 2

PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

Mike Carmona NTG Environmental 701 Tradewinds BLVD Midland, TX 79706

Project: Tristie Draw 25 ROW Spill Project Number: 214707 Location: Lea County, NM

Lab Order Number: 1K02002



Current Certification

Report Date: 11/05/21

NTG Environmental	Project: Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707
Midland TX, 79706	Project Manager: Mike Carmona

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-4 @ 5'-5.5'	1K02002-01	Soil	11/01/21 00:00	11-02-2021 11:08
S-4 @ 6'-6.5'	1K02002-02	Soil	11/01/21 00:00	11-02-2021 11:08
S-4 @ 7'-7.5'	1K02002-03	Soil	11/01/21 00:00	11-02-2021 11:08

NTG Environmental	Project: Tristie Draw 25 ROW Spill	Project	
701 Tradewinds BLVD	Project Number: 214707	Project Number:	
Midland TX, 79706	Project Manager: Mike Carmona	Project Manager:	

S-4 @ 5'-5.5'

1K02002-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	rtesurt	Linin	enne	Bilditon	Duton	Tropurou			
		P	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00114	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:13	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:13	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:13	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:13	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		108 %	80-120		P1K0301	11/03/21 09:38	11/03/21 13:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120		P1K0301	11/03/21 09:38	11/03/21 13:13	EPA 8021B	
		1.1.1.4							
<u>General Chemistry Parameters by</u> Chloride	<u>EPA / Stand</u> 7310	28.4	ng/kg dry	25	P1K0204	11/02/21 09:53	11/02/21 22:44	EPA 300.0	
% Moisture	12.0	28.4 0.1	%	1	P1K0402	11/04/21 08:59	11/02/21 22:44	ASTM D2216	
70 Monsture	12.0	0.1		1	1 110 102	11/01/21 00:57	11/0 //21 09:00	101102210	
<u> Total Petroleum Hydrocarbons C6</u>	-C35 by EPA	Method	8015M						
C6-C12	ND	28.4	mg/kg dry	1	P1K0207	11/02/21 15:30	11/02/21 19:00	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P1K0207	11/02/21 15:30	11/02/21 19:00	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P1K0207	11/02/21 15:30	11/02/21 19:00	TPH 8015M	
Surrogate: 1-Chlorooctane		72.6 %	70-130		P1K0207	11/02/21 15:30	11/02/21 19:00	TPH 8015M	
Surrogate: o-Terphenyl		77.8 %	70-130		P1K0207	11/02/21 15:30	11/02/21 19:00	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	11/02/21 15:30	11/02/21 19:00	calc	

Permian Basin Environmental Lab, L.P.

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			•	t Number:		25 ROW Spill na			
				S-4 @	6'-6.5' -02 (Soil)				
				11102002	-02 (3011)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00115	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:35	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:35	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:35	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:35	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K0301	11/03/21 09:38	11/03/21 13:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1K0301	11/03/21 09:38	11/03/21 13:35	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	8430	28.7	mg/kg dry	25	P1K0204	11/02/21 09:53	11/02/21 22:59	EPA 300.0	
% Moisture	13.0	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	28.7	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 08:24	TPH 8015M	
>C12-C28	ND	28.7	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 08:24	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 08:24	TPH 8015M	
Surrogate: 1-Chlorooctane		87.2 %	70-130		P1K0207	11/02/21 15:30	11/03/21 08:24	TPH 8015M	
Surrogate: o-Terphenyl		95.4 %	70-130		P1K0207	11/02/21 15:30	11/03/21 08:24	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.7	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 08:24	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	t Number:	Tristie Draw 25 214707 Mike Carmona	1			
				S-4 @					
				1K02002	-03 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental La	b, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:57	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:57	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:57	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:57	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0301	11/03/21 09:38	11/03/21 13:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.5 %	80-120		P1K0301	11/03/21 09:38	11/03/21 13:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K0301	11/03/21 09:38	11/03/21 13:57	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	98.8	1.00	mg/kg dry	1	P1K0204	11/02/21 09:53	11/02/21 23:15	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K0402	11/04/21 08:59	11/04/21 09:03	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 09:34	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 09:34	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K0207	11/02/21 15:30	11/03/21 09:34	TPH 8015M	
Surrogate: 1-Chlorooctane		85.8 %	70-130		P1K0207	11/02/21 15:30	11/03/21 09:34	TPH 8015M	
Surrogate: o-Terphenyl		91.2 %	70-130		P1K0207	11/02/21 15:30	11/03/21 09:34	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/02/21 15:30	11/03/21 09:34	calc	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tristie Draw 25 ROW Spill	
701 Tradewinds BLVD	Project Number: 214707	
Midland TX, 79706	Project Manager: Mike Carmona	

Permian Basin Environmental Lab, L.P.

		Reporting	T T 1	Spike	Source	AVDEC	%REC		RPD	N T (
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0301 - *** DEFAULT PREP ***										
Blank (P1K0301-BLK1)				Prepared &	Analyzed:	11/03/21				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.114		"	0.108		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.110		"	0.108		101	80-120			
LCS (P1K0301-BS1)				Prepared &	Analyzed:	11/03/21				
Benzene	0.0833	0.00100	mg/kg wet	0.0967		86.1	70-130			
Toluene	0.0827	0.00100	"	0.0967		85.5	70-130			
Ethylbenzene	0.0914	0.00100	"	0.0967		94.5	70-130			
Xylene (p/m)	0.186	0.00200	"	0.193		96.2	70-130			
Xylene (o)	0.0795	0.00100	"	0.0967		82.2	70-130			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.116		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.116		101	80-120			
LCS Dup (P1K0301-BSD1)				Prepared &	Analyzed:	11/03/21				
Benzene	0.0924	0.00100	mg/kg wet	0.0956		96.6	70-130	11.5	20	
Toluene	0.0924	0.00100	"	0.0956		96.7	70-130	12.2	20	
Ethylbenzene	0.102	0.00100	"	0.0956		106	70-130	11.7	20	
Xylene (p/m)	0.206	0.00200	"	0.191		108	70-130	11.4	20	
Xylene (o)	0.0883	0.00100	"	0.0956		92.4	70-130	11.6	20	
Surrogate: 4-Bromofluorobenzene	0.117		"	0.115		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.115		105	80-120			
Calibration Blank (P1K0301-CCB1)				Prepared &	Analyzed:	11/03/21				
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tristie Draw 25 ROW Spil	1
701 Tradewinds BLVD	Project Number: 214707	
Midland TX, 79706	Project Manager: Mike Carmona	

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0301 - *** DEFAULT PREP ***										
Calibration Blank (P1K0301-CCB2)				Prepared &	Analyzed:	11/03/21				
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.4	80-120			
Calibration Blank (P1K0301-CCB3)				Prepared &	Analyzed:	11/03/21				
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.350		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			
Calibration Check (P1K0301-CCV1)				Prepared &	Analyzed:	11/03/21				
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	75-125			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	75-125			
Calibration Check (P1K0301-CCV2)				Prepared &	Analyzed:	11/03/21				
Benzene	0.109	0.00100	mg/kg wet	0.100		109	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		117	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	75-125			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	75-125			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1K0301 - *** DEFAULT PREP ***										
Calibration Check (P1K0301-CCV3)				Prepared &	Analyzed:	11/03/21				
Benzene	0.113	0.00100	mg/kg wet	0.100		113	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.237	0.00200	"	0.200		119	80-120			
Xylene (o)	0.110	0.00100		0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		101	75-125			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	75-125			
Matrix Spike (P1K0301-MS1)	Sou	rce: 1K02002	2-01	Prepared &	Analyzed:	11/03/21				
Benzene	0.107	0.00114	mg/kg dry	0.114	ND	94.0	80-120			
Toluene	0.104	0.00114	"	0.114	ND	91.8	80-120			
Ethylbenzene	0.111	0.00114	"	0.114	ND	97.7	80-120			
Xylene (p/m)	0.225	0.00227	"	0.227	ND	98.9	80-120			
Xylene (o)	0.0986	0.00114		0.114	ND	86.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.148		"	0.136		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.148		"	0.136		109	80-120			
Matrix Spike Dup (P1K0301-MSD1)	Sou	rce: 1K02002	2-01	Prepared &	Analyzed:	11/03/21				
Benzene	0.102	0.00114	mg/kg dry	0.114	ND	89.5	80-120	4.95	20	
Toluene	0.0990	0.00114	"	0.114	ND	86.9	80-120	5.44	20	
Ethylbenzene	0.105	0.00114	"	0.114	ND	92.3	80-120	5.70	20	
Xylene (p/m)	0.212	0.00227		0.228	ND	93.3	80-120	5.79	20	
Xylene (o)	0.0932	0.00114	"	0.114	ND	81.8	80-120	5.86	20	
Surrogate: 4-Bromofluorobenzene	0.148		"	0.137		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.148		"	0.137		109	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1K0204 - *** DEFAULT PREP ***										
Blank (P1K0204-BLK1)				Prepared &	Analyzed:	11/02/21				
Chloride	ND	1.00	mg/kg wet							
LCS (P1K0204-BS1)				Prepared &	Analyzed:	11/02/21				
Chloride	392	1.00	mg/kg wet	400		98.0	90-110			
LCS Dup (P1K0204-BSD1)				Prepared &	Analyzed:	11/02/21				
Chloride	391	1.00	mg/kg wet	400		97.7	90-110	0.296	10	
Calibration Blank (P1K0204-CCB1)				Prepared &	Analyzed:	11/02/21				
Chloride	-0.00400		mg/kg wet							
Calibration Blank (P1K0204-CCB2)				Prepared &	Analyzed:	11/02/21				
Chloride	-0.134		mg/kg wet							
Calibration Check (P1K0204-CCV1)				Prepared &	Analyzed:	11/02/21				
Chloride	20.3		mg/kg	20.0		101	90-110			
Calibration Check (P1K0204-CCV2)				Prepared &	Analyzed:	11/02/21				
Chloride	20.0		mg/kg	20.0		100	90-110			
Calibration Check (P1K0204-CCV3)				Prepared: 11/02/21 Analyzed: 11/03/21						
Chloride	19.8		mg/kg	20.0		99.1	90-110			
Matrix Spike (P1K0204-MS1)	Source: 1K01002-01		Prepared &	Analyzed:	11/02/21					
Chloride	41400	100	mg/kg dry	10000	31800	96.6	80-120			
Matrix Spike (P1K0204-MS2)	Iatrix Spike (P1K0204-MS2) Source: 1K01004-07				Analyzed:	11/02/21				
Chloride	581	1.16	mg/kg dry	581	28.2	95.1	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707
Midland TX, 79706	Project Manager: Mike Carmona

Permian Basin Environmental Lab, L.P.

	,											
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes		
Batch P1K0204 - *** DEFAULT PREP ***												
Matrix Spike Dup (P1K0204-MSD1)	Sou	rce: 1K01002	-01	Prepared &	k Analyzed:	11/02/21						
Chloride	42200	100	mg/kg dry	10000	31800	105	80-120	1.92	20			
Matrix Spike Dup (P1K0204-MSD2)	Sou	rce: 1K01004	-07	Prepared &	& Analyzed:	11/02/21						
Chloride	579	1.16	mg/kg dry	581	28.2	94.8	80-120	0.291	20			
Batch P1K0402 - *** DEFAULT PREP ***												
Blank (P1K0402-BLK1)				Prepared 8	k Analyzed:	11/04/21						
% Moisture	ND	0.1	%									
Blank (P1K0402-BLK2)				Prepared &	k Analyzed:	11/04/21						
% Moisture	ND	0.1	%									
Blank (P1K0402-BLK3)				Prepared 8	k Analyzed:	11/04/21						
% Moisture	ND	0.1	%									
Duplicate (P1K0402-DUP1)	Sou	rce: 1K02003	-06	Prepared & Analyzed: 11/04/21								
% Moisture	ND	0.1	%		1.0			200	20	R		
Duplicate (P1K0402-DUP2)	Sou	rce: 1K02003	-16	Prepared &	k Analyzed:	11/04/21						
% Moisture	ND	0.1	%	÷	ND				20			
Duplicate (P1K0402-DUP3)	Source: 1K02004-08		Prepared 8	k Analyzed:	11/04/21							
% Moisture	11.0	0.1	%		11.0			0.00	20			
Duplicate (P1K0402-DUP4)	Sou	rce: 1K03001	-01	Prepared & Analyzed: 11/04/21								
% Moisture	6.0	0.1	%		6.0			0.00	20			

Permian Basin Environmental Lab, L.P.
NTG Environmental	Project: Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707
Midland TX, 79706	Project Manager: Mike Carmona

Permian Basin Environmental Lab, L.P.

Analyte Batch P1K0402 - *** DEFAULT PREP ***	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Duplicate (P1K0402-DUP5)	Sour	ce: 1K03007-	11	Prepared & Analyzed: 11/04/21						
% Moisture	15.0	0.1	%	14.0			6.90	20		
Duplicate (P1K0402-DUP6)	Source: 1K03009-01		Prepared & Analyzed: 11/04/21							
% Moisture	5.0	0.1	%		6.0			18.2	20	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0207 - TX 1005										
Blank (P1K0207-BLK1)				Prepared &	Analyzed:	11/02/21				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	81.3		"	100		81.3	70-130			
Surrogate: o-Terphenyl	42.9		"	50.0		85.9	70-130			
LCS (P1K0207-BS1)				Prepared &	Analyzed:	11/02/21				
C6-C12	910	25.0	mg/kg wet	1000		91.0	75-125			
>C12-C28	928	25.0	"	1000		92.8	75-125			
Surrogate: 1-Chlorooctane	126		"	100		126	70-130			
Surrogate: o-Terphenyl	47.2		"	50.0		94.5	70-130			
LCS Dup (P1K0207-BSD1)				Prepared &	Analyzed:	11/02/21				
C6-C12	824	25.0	mg/kg wet	1000		82.4	75-125	9.87	20	
>C12-C28	843	25.0	"	1000		84.3	75-125	9.57	20	
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	43.3		"	50.0		86.6	70-130			
Calibration Check (P1K0207-CCV1)				Prepared &	Analyzed:	11/02/21				
C6-C12	481	25.0	mg/kg wet	500		96.2	85-115			
>C12-C28	476	25.0		500		95.2	85-115			
Surrogate: 1-Chlorooctane	115		"	100		115	70-130			
Surrogate: o-Terphenyl	49.6		"	50.0		99.2	70-130			
Calibration Check (P1K0207-CCV2)				Prepared: 1	1/02/21 Ai	nalyzed: 11	/03/21			
C6-C12	473	25.0	mg/kg wet	500		94.6	85-115			
>C12-C28	474	25.0	"	500		94.7	85-115			
Surrogate: 1-Chlorooctane	106		"	100		106	70-130			
Surrogate: o-Terphenyl	46.3		"	50.0		92.6	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0207 - TX 1005										
Matrix Spike (P1K0207-MS1)	Sour	ce: 1K02003	-15	Prepared:	11/02/21 A	nalyzed: 11	/03/21			
C6-C12	899	25.0	mg/kg dry	1000	12.0	88.7	75-125			
>C12-C28	920	25.0	"	1000	14.8	90.5	75-125			
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	45.4		"	50.0		90.9	70-130			
Matrix Spike Dup (P1K0207-MSD1)	Sour	ce: 1K02003	-15	Prepared:	11/02/21 A	nalyzed: 11	/03/21			
C6-C12	908	25.0	mg/kg dry	1000	12.0	89.6	75-125	0.967	20	
>C12-C28	926	25.0	"	1000	14.8	91.2	75-125	0.732	20	
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	46.9		"	50.0		93.8	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Notes and Definitions

ROI	Received on Ice

- R3 The RPD exceeded the acceptance limit due to sample matrix effects.
- NPBEL CC Chain of Custody was not generated at PBELAB
- BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike
- Dup Duplicate

Report Approved By:

Bun Barron

11/5/2021

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Date:

Received by OCD: 12/2/2021 9:05:48 AM	-99-			Page 149 of 22
Additional Comments: Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontract of service. Xenco will be lable only for the cost of samples and sub constitutes a valid purchase order from client company to Xenco, but not enalyzed. These terms will be lable only for the cost of samples and submitted to Xenco, but not enalyzed. These terms will be applied to each project and a saume any responsibility for any losses or expenses incurred by the client if such loss of Xenco, but not enalyzed. These terms will be applied to each project and a saume any cost of the cost of the client if such loss of the cost of the cost of the cost of the client if such loss of the cost of th	Sample Identification S-4 (5-5.5) S-4 (6-6.5) S-4 (7-7.5) S-4 (8-8.5)	Project Location Sampler's Name: PO # SAMPLE RECEIPT Received Intact: Cooler Custody Seals: Sample Custody Seals: Total Containers:	NTG 701 T Midia 432.8	Project Manager
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ature)	× ·	HOLD HOLD H ₂ SC Na ₂ SC NaO	Brownfield	
Revised	Sample	Cool: Cool MeOH: Me HCL: HC HNO3: HN H2S04: H2 NaOH: Na H3PO4: HP NaHSO4: NABIS Na2S2O3: NaSO3 Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	nfields RRC /UST TRRP r Other Preservat	Work Order No: 1K02002
Date/Time	Sample Comments			1 002
ne		APC Na	Level IV	

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PBEL_SA		tian tian		77	57	$\prec \times$	~~		1 Yes	
PBEL_SAMPLE_CHECKLIST_2021_1	tot Javs	Login Notes:	shipping containery contering good conditioners Custody seals intact on shipping container/cooler?	Somplex accived within appropriate temps Analysis requested for all samples submitted?	All samples received within holding time?	Samples in proper container/bottle?	Sample containers intact?	Chain of custody signed/dated/time when reliv received? Sample satis/time trescon on COC to all satur Samplers name present on COC?		BBLAB
		1 4 1 2 10 2	ood oondfhand 18 container/cooler? 19 container/cooler?	op <mark>ibe (empo</mark>) ples submitted?	n holding time?	dentale bottles? ainer/bottle?	saripie lapets?	charkor custoon, proventy Chain of custody signed/dated/time when relinquished and received? Sampler statty func present on COC?	Sample Receipt Checklist	DO
Page 1 of 2		NO2	N/A N/A						Notes	DOC #: PBEL_SAMPLE_CHECKLIST REVISION #: PBEL_2021_1 REVISION Date: 10/30/2021 EFFECTIVE DATE: 10/30/2021



DOC #: PBEL_SAMPLE_CHECKLIST REVISION #: PBEL_2021_1 REVISION Date: 10/30/2021 EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE



PBEL_SAMPLE_CHECKLIST_2021_1

Page 2 of 2

PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

Mike Carmona NTG Environmental 701 Tradewinds BLVD Midland, TX 79706

Project: Tristie Draw 25 ROW Spill Project Number: 214707 Location: Lea County, NM

Lab Order Number: 1K09002



Current Certification

Report Date: 11/15/21

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1 @ 5'-5.5'	1K09002-01	Soil	11/08/21 00:00	11-09-2021 09:08
S-1 @ 6'-6.5'	1K09002-02	Soil	11/08/21 00:00	11-09-2021 09:08
S-2 @ 5'-5.5'	1K09002-03	Soil	11/08/21 00:00	11-09-2021 09:08
S-2 @ 6'-6.5'	1K09002-04	Soil	11/08/21 00:00	11-09-2021 09:08

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

S-1 @ 5'-5.5'

1K09002-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 16:43	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 16:43	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 16:43	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 16:43	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 16:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1K0905	11/09/21 13:30	11/09/21 16:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1K0905	11/09/21 13:30	11/09/21 16:43	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	16.3	1.04	mg/kg dry	1	P1K1006	11/10/21 13:08	11/11/21 14:23	EPA 300.0	
% Moisture	4.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	5-C35 by EPA	A Method	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 00:33	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 00:33	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 00:33	TPH 8015M	
Surrogate: 1-Chlorooctane		104 %	70-130		P1K1009	11/10/21 14:00	11/11/21 00:33	TPH 8015M	
Surrogate: o-Terphenyl		112 %	70-130		P1K1009	11/10/21 14:00	11/11/21 00:33	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 00:33	calc	

Permian Basin Environmental Lab, L.P.

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				Number:	Tristie Draw 214707 Mike Carmor				
				S-1 @	6'-6.5' -02 (Soil)				
				1K09002	-02 (5011)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:04	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:04	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:04	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:04	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1K0905	11/09/21 13:30	11/09/21 17:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1K0905	11/09/21 13:30	11/09/21 17:04	EPA 8021B	
General Chemistry Parameters by	· EPA / Stand	lard Met	hods						
Chloride	26.8	1.05	mg/kg dry	1	P1K1006	11/10/21 13:08	11/11/21 14:39	EPA 300.0	
% Moisture	5.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	26.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 00:56	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 00:56	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 00:56	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P1K1009	11/10/21 14:00	11/11/21 00:56	TPH 8015M	
Surrogate: o-Terphenyl		113 %	70-130		P1K1009	11/10/21 14:00	11/11/21 00:56	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 00:56	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill 1a			
				S-2 @ 1K09002	5'-5.5' -03 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:25	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:25	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:25	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:25	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.2 %	80-120		P1K0905	11/09/21 13:30	11/09/21 17:25	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	80-120		P1K0905	11/09/21 13:30	11/09/21 17:25	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	7.12	1.06	mg/kg dry	1	P1K1109	11/11/21 16:00	11/11/21 21:16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 01:19	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 01:19	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 01:19	TPH 8015M	
Surrogate: 1-Chlorooctane		104 %	70-130		P1K1009	11/10/21 14:00	11/11/21 01:19	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1K1009	11/10/21 14:00	11/11/21 01:19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 01:19	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				Number: Manager:	214707 Mike Carmor	25 ROW Spill na			
				S-2@ 1K09002	6'-6.5' -04 (Soil)				
				11407002	-04 (3011)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:46	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:46	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:46	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:46	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 17:46	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K0905	11/09/21 13:30	11/09/21 17:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P1K0905	11/09/21 13:30	11/09/21 17:46	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	8.39	1.06	mg/kg dry	1	P1K1109	11/11/21 16:00	11/11/21 22:02	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 01:42	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 01:42	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 01:42	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P1K1009	11/10/21 14:00	11/11/21 01:42	TPH 8015M	
Surrogate: o-Terphenyl		113 %	70-130		P1K1009	11/10/21 14:00	11/11/21 01:42	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 01:42	calc	

NTG Environmental	Project: Tristie Draw 25 ROW Spi	i11
701 Tradewinds BLVD	Project Number: 214707	
Midland TX, 79706	Project Manager: Mike Carmona	

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0905 - *** DEFAULT PREP ***										
Blank (P1K0905-BLK1)				Prepared &	Analyzed:	11/09/21				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.129		"	0.124		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.124		101	80-120			
LCS (P1K0905-BS1)				Prepared &	Analyzed:	11/09/21				
Benzene	0.0807	0.00100	mg/kg wet	0.0865		93.3	70-130			
Toluene	0.0822	0.00100	"	0.0865		95.0	70-130			
Ethylbenzene	0.0908	0.00100	"	0.0865		105	70-130			
Xylene (p/m)	0.188	0.00200	"	0.173		109	70-130			
Xylene (o)	0.0844	0.00100	"	0.0865		97.6	70-130			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.104		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.104		105	80-120			
LCS Dup (P1K0905-BSD1)				Prepared &	Analyzed:	11/09/21				
Benzene	0.0809	0.00100	mg/kg wet	0.0977		82.8	70-130	11.9	20	
Toluene	0.0804	0.00100	"	0.0977		82.4	70-130	14.3	20	
Ethylbenzene	0.0896	0.00100	"	0.0977		91.7	70-130	13.5	20	
Xylene (p/m)	0.185	0.00200	"	0.195		94.6	70-130	14.1	20	
Xylene (o)	0.0828	0.00100	"	0.0977		84.8	70-130	14.1	20	
Surrogate: 1,4-Difluorobenzene	0.122		"	0.117		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.117		105	80-120			
Calibration Blank (P1K0905-CCB1)				Prepared &	Analyzed:	11/09/21				
Benzene	0.00		mg/kg wet							
Toluene	0.290		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.9	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0905 - *** DEFAULT PREP ***										
Calibration Blank (P1K0905-CCB2)				Prepared &	Analyzed:	11/09/21				
Benzene	0.00		mg/kg wet							
Toluene	0.410		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.160		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.4	80-120			
Calibration Check (P1K0905-CCV1)				Prepared &	Analyzed:	11/09/21				
Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	75-125			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	75-125			
Calibration Check (P1K0905-CCV2)				Prepared &	Analyzed:	11/09/21				
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.9	75-125			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	75-125			
Calibration Check (P1K0905-CCV3)				Prepared: 1	1/09/21 Ar	nalyzed: 11	/10/21			
Benzene	0.115	0.00100	mg/kg wet	0.100		115	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		100	75-125			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.6	75-125			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1K0905 - *** DEFAULT PREP ***										

Matrix Spike (P1K0905-MS1)	Sour	ce: 1K09002	-01	Prepared: 1	1/09/21 A	nalyzed: 11	/10/21			
Benzene	0.0775	0.00104	mg/kg dry	0.0871	ND	89.0	80-120			
Toluene	0.0781	0.00104	"	0.0871	ND	89.6	80-120			
Ethylbenzene	0.0850	0.00104	"	0.0871	ND	97.6	80-120			
Xylene (p/m)	0.172	0.00208	"	0.174	ND	98.9	80-120			
Xylene (o)	0.0771	0.00104	"	0.0871	ND	88.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.105		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.105		109	80-120			
Matrix Spike Dup (P1K0905-MSD1)	Sour	ce: 1K09002	-01	Prepared: 1	1/09/21 A	nalyzed: 11	/10/21			
Benzene	0.108	0.00104	mg/kg dry	0.114	ND	95.0	80-120	6.52	20	
Toluene	0.109	0.00104	"	0.114	ND	96.0	80-120	6.82	20	
Ethylbenzene	0.117	0.00104	"	0.114	ND	103	80-120	5.07	20	
Xylene (p/m)	0.239	0.00208	"	0.228	ND	105	80-120	5.70	20	
Xylene (o)	0.108	0.00104	"	0.114	ND	94.8	80-120	6.77	20	
Surrogate: 4-Bromofluorobenzene	0.143		"	0.137		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.145		"	0.137		106	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tristie Draw 25 ROW Spill	
701 Tradewinds BLVD	Project Number: 214707	
Midland TX, 79706	Project Manager: Mike Carmona	

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K1006 - *** DEFAULT PREP ***										
Blank (P1K1006-BLK1)				Prepared: 1	1/10/21 Ai	nalyzed: 11	/11/21			
Chloride	ND	1.00	mg/kg wet							
LCS (P1K1006-BS1)				Prepared: 1	1/10/21 Ai	nalyzed: 11	/11/21			
Chloride	433	1.00	mg/kg wet	400		108	90-110			
LCS Dup (P1K1006-BSD1)				Prepared: 1	1/10/21 Ai	nalyzed: 11	/11/21			
Chloride	431	1.00	mg/kg wet	400		108	90-110	0.393	10	
Calibration Check (P1K1006-CCV1)				Prepared:	1/10/21 Aı					
Chloride	20.0		mg/kg	20.0		100	90-110			
Calibration Check (P1K1006-CCV2)				Prepared: 1	1/10/21 Aı	nalyzed: 11	/11/21			
Chloride	20.2		mg/kg	20.0		101	90-110			
Calibration Check (P1K1006-CCV3)				Prepared:	1/10/21 Ai	nalyzed: 11	/11/21			
Chloride	19.3		mg/kg	20.0		96.3	90-110			
Matrix Spike (P1K1006-MS1)	Sour	rce: 1K08008	8-70	Prepared: 1	1/10/21 Aı	nalyzed: 11	/11/21			
Chloride	17800	61.0	mg/kg dry	6100	11000	113	80-120			
Matrix Spike Dup (P1K1006-MSD1)	Sour	rce: 1K08008	8-70	Prepared: 1	1/10/21 Aı	nalyzed: 11	/11/21			
Chloride	17400	61.0	mg/kg dry	6100	11000	106	80-120	2.28	20	
Batch P1K1008 - *** DEFAULT PREP ***										
Blank (P1K1008-BLK1)				Prenared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%	i repared d	e i maryzeu.	11/10/21				

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	%REC Limits	RPD	Limit	Notes
Batch P1K1008 - *** DEFAULT PREP ***										
Blank (P1K1008-BLK2)				Prepared &	z Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Blank (P1K1008-BLK3)				Prepared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Blank (P1K1008-BLK4)				Prepared &	analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Blank (P1K1008-BLK5)				Prepared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Blank (P1K1008-BLK6)				Prepared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Blank (P1K1008-BLK7)				Prepared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Duplicate (P1K1008-DUP1)	Sou	rce: 1K08008-	-10	Prepared &	Analyzed:	11/10/21				
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P1K1008-DUP2)	Sou	rce: 1K08008-	-20	Prepared &	Analyzed:	11/10/21				
% Moisture	17.0	0.1	%		17.0			0.00	20	
Duplicate (P1K1008-DUP3)	Sou	rce: 1K08008-	35	Prepared &	Analyzed:	11/10/21				
% Moisture	15.0	0.1	%		16.0			6.45	20	
Duplicate (P1K1008-DUP4)	Sou	rce: 1K08008-	45	Prepared &	analyzed:	11/10/21				
% Moisture	14.0	0.1	%	*	13.0			7.41	20	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1K1008 - *** DEFAULT PREP ***										
Duplicate (P1K1008-DUP5)	Sou	rce: 1K08008-	60	Prepared &	Analyzed:	11/10/21				
% Moisture	16.0	0.1	%		16.0			0.00	20	
Duplicate (P1K1008-DUP6)	Sou	rce: 1K08008-	70	Prepared &	Analyzed:	11/10/21				
% Moisture	17.0	0.1	%		18.0			5.71	20	
Duplicate (P1K1008-DUP7)	Sou	rce: 1K08011-	08	Prepared &	Analyzed:	11/10/21				
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P1K1008-DUP8)	Sou	rce: 1K08011-	18	Prepared &	Analyzed:	11/10/21				
% Moisture	16.0	0.1	%		17.0			6.06	20	
Duplicate (P1K1008-DUP9)	Sou	rce: 1K09001-	01	Prepared &	Analyzed:	11/10/21				
% Moisture	15.0	0.1	%		16.0			6.45	20	
Duplicate (P1K1008-DUPA)	Sou	rce: 1K09001-	11	Prepared &	Analyzed:	11/10/21				
% Moisture	8.0	0.1	%		9.0			11.8	20	
Duplicate (P1K1008-DUPB)	Sou	rce: 1K09003-	06	Prepared &	Analyzed:	11/10/21				
% Moisture	2.0	0.1	%		3.0			40.0	20	R
Duplicate (P1K1008-DUPC)	Sou	rce: 1K09003-	16	Prepared &	Analyzed:	11/10/21				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P1K1008-DUPD)	Sou	rce: 1K09007-	01	Prepared &	Analyzed:	11/10/21				
% Moisture	4.0	0.1	%		4.0			0.00	20	
Batch P1K1109 - *** DEFAULT PREP ***										
Blank (P1K1109-BLK1)				Prepared &	Analyzed:	11/11/21				
Chloride	ND	1.00	mg/kg wet							

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

A v = le de	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K1109 - *** DEFAULT PREP ***										
LCS (P1K1109-BS1)				Prepared &	Analyzed:	11/11/21				
Chloride	39.6		mg/kg	40.0		98.9	90-110			
LCS Dup (P1K1109-BSD1)				Prepared &	Analyzed:	11/11/21				
Chloride	39.4		mg/kg	40.0		98.4	90-110	0.552	10	
Calibration Check (P1K1109-CCV1)				Prepared &	Analyzed:	11/11/21				
Chloride	18.8		mg/kg	20.0		93.9	90-110			
Calibration Check (P1K1109-CCV2)		Prepared: 11/11/21 Analyzed: 11/12/21								
Chloride	18.6		mg/kg	20.0		92.9	90-110			
Calibration Check (P1K1109-CCV3)				Prepared:	1/11/21 A	nalyzed: 11	/12/21			
Chloride	19.0		mg/kg	20.0		95.2	90-110			
Matrix Spike (P1K1109-MS1)	Sou	rce: 1K09002	-03	Prepared &	Analyzed:	11/11/21				
Chloride	105	1.06	mg/kg dry	106	7.12	92.4	80-120			
Matrix Spike (P1K1109-MS2)	Sou	rce: 1K09003	-09	Prepared: 1	1/11/21 Ai	nalyzed: 11	/12/21			
Chloride	238	1.06	mg/kg dry	106	120	111	80-120			
Matrix Spike Dup (P1K1109-MSD1)	Sou	rce: 1K09002	-03	Prepared &	Analyzed:	11/11/21				
Chloride	110	1.06	mg/kg dry	106	7.12	96.8	80-120	4.27	20	
Matrix Spike Dup (P1K1109-MSD2)	Sou	rce: 1K09003	-09	Prepared: 1	1/11/21 A	nalyzed: 11	/12/21			
Chloride	225	1.06	mg/kg dry	106	120	98.5	80-120	5.71	20	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K1009 - TX 1005										
Blank (P1K1009-BLK1)				Prepared &	analyzed:	11/10/21				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	53.4		"	50.0		107	70-130			
LCS (P1K1009-BS1)				Prepared 8	د Analyzed:	11/10/21				
C6-C12	1160	25.0	mg/kg wet	1000		116	75-125			
>C12-C28	1160	25.0		1000		116	75-125			
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	61.4		"	50.0		123	70-130			
LCS Dup (P1K1009-BSD1)				Prepared &	د Analyzed:	11/10/21				
C6-C12	918	25.0	mg/kg wet	1000		91.8	75-125	23.0	20	R
>C12-C28	953	25.0	"	1000		95.3	75-125	19.8	20	
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	49.0		"	50.0		97.9	70-130			
Calibration Check (P1K1009-CCV1)				Prepared &	k Analyzed:	11/10/21				
C6-C12	519	25.0	mg/kg wet	500		104	85-115			
>C12-C28	464	25.0		500		92.8	85-115			
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	49.8		"	50.0		99.6	70-130			
Calibration Check (P1K1009-CCV2)				Prepared:	11/10/21 A	nalyzed: 11	/11/21			
C6-C12	426	25.0	mg/kg wet	500		85.3	85-115			
>C12-C28	426	25.0		500		85.1	85-115			
Surrogate: 1-Chlorooctane	94.9		"	100		94.9	70-130			
Surrogate: o-Terphenyl	41.1		"	50.0		82.3	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K1009 - TX 1005										
Calibration Check (P1K1009-CCV3)				Prepared:	11/10/21 A	nalyzed: 11	/11/21			
C6-C12	429	25.0	mg/kg wet	500		85.9	85-115			
>C12-C28	431	25.0	"	500		86.2	85-115			
Surrogate: 1-Chlorooctane	94.5		"	100		94.5	70-130			
Surrogate: o-Terphenyl	41.0		"	50.0		81.9	70-130			
Duplicate (P1K1009-DUP1)	Sour	ce: 1K09003	3-10	Prepared:	11/10/21 A	nalyzed: 11	/11/21			
C6-C12	15.9	25.3	mg/kg dry		15.4			3.74	20	
>C12-C28	15.1	25.3	"		12.8			15.9	20	
Surrogate: 1-Chlorooctane	115		"	101		114	70-130			
Surrogate: o-Terphenyl	61.8		"	50.5		122	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Notes and Definitions

ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
R2	The RPD exceeded the acceptance limit.
NPBEL CO	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike

Report Approved By:

Dup

Duplicate

Bun Barron

Date: 11/15/2021

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707
Midland TX, 79706	Project Manager: Mike Carmona

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If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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Received by OCD: 12/2/2021 9:05:48 AM

Chain of Custody

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Received by OCD: 12/2/2021 9:05:48 AM

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Released to Imaging: 12/28/2021 9:58:24 AM

PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

Mike Carmona NTG Environmental 701 Tradewinds BLVD Midland, TX 79706

Project: Tristie Draw 25 ROW Spill Project Number: 214707 Location: Lea County, NM

Lab Order Number: 1K09003



Current Certification

Report Date: 11/16/21

NTG Environmental	Project: Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707
Midland TX, 79706	Project Manager: Mike Carmona

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS-16 @ (2')	1K09003-01	Soil	11/08/21 00:00	11-09-2021 09:08
CS-17 @ (2')	1K09003-02	Soil	11/08/21 00:00	11-09-2021 09:08
CS-18 @ (2')	1K09003-03	Soil	11/08/21 00:00	11-09-2021 09:08
CS-19 @ (4')	1K09003-04	Soil	11/08/21 00:00	11-09-2021 09:08
CS-20 @ (4')	1K09003-05	Soil	11/08/21 00:00	11-09-2021 09:08
CS-21 @ (4')	1K09003-06	Soil	11/08/21 00:00	11-09-2021 09:08
CS-22 @ (4')	1K09003-07	Soil	11/08/21 00:00	11-09-2021 09:08
CS-23 @ (4')	1K09003-08	Soil	11/08/21 00:00	11-09-2021 09:08
CS-24 @ (4')	1K09003-09	Soil	11/08/21 00:00	11-09-2021 09:08
CS-25 @ (4')	1K09003-10	Soil	11/08/21 00:00	11-09-2021 09:08
CS-26 @ (4')	1K09003-11	Soil	11/08/21 00:00	11-09-2021 09:08
CS-27 @ (4')	1K09003-12	Soil	11/08/21 00:00	11-09-2021 09:08
CS-28 @ (4')	1K09003-13	Soil	11/08/21 00:00	11-09-2021 09:08
CS-29 @ (4')	1K09003-14	Soil	11/08/21 00:00	11-09-2021 09:08
CS-30 @ (4')	1K09003-15	Soil	11/08/21 00:00	11-09-2021 09:08
CS-31 @ (4')	1K09003-16	Soil	11/08/21 00:00	11-09-2021 09:08
CS-32 @ (4')	1K09003-17	Soil	11/08/21 00:00	11-09-2021 09:08
CS-33 @ (4')	1K09003-18	Soil	11/08/21 00:00	11-09-2021 09:08
SW-9	1K09003-19	Soil	11/08/21 00:00	11-09-2021 09:08
SW-10	1K09003-20	Soil	11/08/21 00:00	11-09-2021 09:08
SW-11	1K09003-21	Soil	11/08/21 00:00	11-09-2021 09:08
SW-12	1K09003-22	Soil	11/08/21 00:00	11-09-2021 09:08
SW-13	1K09003-23	Soil	11/08/21 00:00	11-09-2021 09:08
SW-14	1K09003-24	Soil	11/08/21 00:00	11-09-2021 09:08
SW-15	1K09003-25	Soil	11/08/21 00:00	11-09-2021 09:08
SW-16	1K09003-26	Soil	11/08/21 00:00	11-09-2021 09:08
SW-17	1K09003-27	Soil	11/08/21 00:00	11-09-2021 09:08
SW-18	1K09003-28	Soil	11/08/21 00:00	11-09-2021 09:08
SW-19	1K09003-29	Soil	11/08/21 00:00	11-09-2021 09:08
SW-20	1K09003-30	Soil	11/08/21 00:00	11-09-2021 09:08

The RPD between the LCS/LCSD was above the quality control limits, however the individual recoveries for the amount spiked were within acceptance limits.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

CS-16 @ (2')

1K09003-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		n	·		. 17				
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:07	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:07	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:07	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:07	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.6 %	80-120		P1K0905	11/09/21 13:30	11/09/21 18:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K0905	11/09/21 13:30	11/09/21 18:07	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
Chloride	17.4	1.11	mg/kg dry	1	P1K1109	11/11/21 16:00	11/11/21 22:17	EPA 300.0	
% Moisture	10.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
<u>Fotal Petroleum Hydrocarbons C6</u>	5-C35 by EPA	Method	8015M						
C6-C12	ND	27.8	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 02:50	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 02:50	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 02:50	TPH 8015M	
Surrogate: 1-Chlorooctane		98.2 %	70-130		P1K1009	11/10/21 14:00	11/11/21 02:50	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-130		P1K1009	11/10/21 14:00	11/11/21 02:50	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 02:50	calc	

Permian Basin Environmental Lab, L.P.

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:	Tristie Draw 2 214707 Mike Carmon	Ĩ			
				CS-17 1K09003	@ (2') -02 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:28	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:28	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:28	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:28	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1K0905	11/09/21 13:30	11/09/21 18:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0905	11/09/21 13:30	11/09/21 18:28	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	10.8	1.01	mg/kg dry	1	P1K1109	11/11/21 16:00	11/11/21 22:32	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 03:13	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 03:13	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 03:13	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P1K1009	11/10/21 14:00	11/11/21 03:13	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P1K1009	11/10/21 14:00	11/11/21 03:13	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 03:13	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill na			
				CS-18 1K09003-	@ (2') -03 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:49	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:49	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:49	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:49	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 18:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0905	11/09/21 13:30	11/09/21 18:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.5 %	80-120		P1K0905	11/09/21 13:30	11/09/21 18:49	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	7.81	1.00	mg/kg dry	1	P1K1109	11/11/21 16:00	11/11/21 22:48	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 03:36	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 03:36	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 03:36	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P1K1009	11/10/21 14:00	11/11/21 03:36	TPH 8015M	
Surrogate: o-Terphenyl		112 %	70-130		P1K1009	11/10/21 14:00	11/11/21 03:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 03:36	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				Number:	Tristie Draw 2 214707 Mike Carmor				
					@ (4') -04 (Soil)				
					•••(50h)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	ısin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00127	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 19:10	EPA 8021B	
Toluene	ND	0.00127	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 19:10	EPA 8021B	
Ethylbenzene	ND	0.00127	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 19:10	EPA 8021B	
Xylene (p/m)	ND	0.00253	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 19:10	EPA 8021B	
Xylene (o)	ND	0.00127	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 19:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1K0905	11/09/21 13:30	11/09/21 19:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K0905	11/09/21 13:30	11/09/21 19:10	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	4360	12.7	mg/kg dry	10	P1K1109	11/11/21 16:00	11/11/21 23:03	EPA 300.0	
% Moisture	21.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	31.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 03:59	TPH 8015M	
>C12-C28	ND	31.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 03:59	TPH 8015M	
>C28-C35	ND	31.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 03:59	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P1K1009	11/10/21 14:00	11/11/21 03:59	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1K1009	11/10/21 14:00	11/11/21 03:59	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	31.6	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 03:59	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			Project	Number: Manager: CS-20	214707 Mike Carmon	25 ROW Spill			
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 19:31	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 19:31	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 19:31	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 19:31	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 19:31	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0905	11/09/21 13:30	11/09/21 19:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.4 %	80-120		P1K0905	11/09/21 13:30	11/09/21 19:31	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	183	1.06	mg/kg dry	1	P1K1109	11/11/21 16:00	11/11/21 23:18	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP/	A Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 04:22	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 04:22	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 04:22	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P1K1009	11/10/21 14:00	11/11/21 04:22	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P1K1009	11/10/21 14:00	11/11/21 04:22	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 04:22	calc	

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706	Project: Tristie Draw 25 ROW Spill Project Number: 214707 Project Manager: Mike Carmona								
					@ (4') -06 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ironmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 20:34	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 20:34	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 20:34	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 20:34	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 20:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.6 %	80-120		P1K0905	11/09/21 13:30	11/09/21 20:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	80-120		P1K0905	11/09/21 13:30	11/09/21 20:34	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	350	1.03	mg/kg dry	1	P1K1109	11/11/21 16:00	11/11/21 23:33	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 04:45	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 04:45	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 04:45	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-130		P1K1009	11/10/21 14:00	11/11/21 04:45	TPH 8015M	
Surrogate: o-Terphenyl		116 %	70-130		P1K1009	11/10/21 14:00	11/11/21 04:45	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 04:45	calc	

Permian Basin Environmental Lab, L.P.

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:	Mike Carmon				
					@ (4) -07 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 20:55	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 20:55	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 20:55	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 20:55	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 20:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0905	11/09/21 13:30	11/09/21 20:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.9 %	80-120		P1K0905	11/09/21 13:30	11/09/21 20:55	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	666	1.06	mg/kg dry	1	P1K1109	11/11/21 16:00	11/11/21 23:49	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 05:08	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 05:08	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 05:08	TPH 8015M	
Surrogate: 1-Chlorooctane		99.3 %	70-130		P1K1009	11/10/21 14:00	11/11/21 05:08	TPH 8015M	
Surrogate: o-Terphenyl		110 %	70-130		P1K1009	11/10/21 14:00	11/11/21 05:08	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 05:08	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:	Tristie Draw 2 214707 Mike Carmor	1			
					@ (4') -08 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ironmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:16	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:16	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:16	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:16	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K0905	11/09/21 13:30	11/09/21 21:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.2 %	80-120		P1K0905	11/09/21 13:30	11/09/21 21:16	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	2800	10.5	mg/kg dry	10	P1K1109	11/11/21 16:00	11/12/21 00:04	EPA 300.0	
% Moisture	5.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	26.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 05:31	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 05:31	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 05:31	TPH 8015M	
Surrogate: 1-Chlorooctane		99.6 %	70-130		P1K1009	11/10/21 14:00	11/11/21 05:31	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-130		P1K1009	11/10/21 14:00	11/11/21 05:31	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 05:31	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:	214707 Mike Carmor	25 ROW Spill 1a			
					@ (4) -09 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	ısin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:38	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:38	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:38	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:38	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K0905	11/09/21 13:30	11/09/21 21:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.4 %	80-120		P1K0905	11/09/21 13:30	11/09/21 21:38	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	120	1.06	mg/kg dry	1	P1K1109	11/11/21 16:00	11/12/21 00:50	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 08:31	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 08:31	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 08:31	TPH 8015M	
Surrogate: 1-Chlorooctane		160 %	70-130		P1K1009	11/10/21 14:00	11/11/21 08:31	TPH 8015M	S-GC1
Surrogate: o-Terphenyl		175 %	70-130		P1K1009	11/10/21 14:00	11/11/21 08:31	TPH 8015M	S-GC1
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 08:31	calc	
NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			Project	Number: Manager: CS-25	214707 Mike Carmon	25 ROW Spill na			
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				1K09003	-10 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:59	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:59	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:59	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:59	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 21:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-120		P1K0905	11/09/21 13:30	11/09/21 21:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0905	11/09/21 13:30	11/09/21 21:59	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	45.6	1.01	mg/kg dry	1	P1K1109	11/11/21 16:00	11/12/21 01:35	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 06:17	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 06:17	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1K1009	11/10/21 14:00	11/11/21 06:17	TPH 8015M	
Surrogate: 1-Chlorooctane		92.5 %	70-130		P1K1009	11/10/21 14:00	11/11/21 06:17	TPH 8015M	
Surrogate: o-Terphenyl		100 %	70-130		P1K1009	11/10/21 14:00	11/11/21 06:17	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	11/10/21 14:00	11/11/21 06:17	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				Number:	Tristie Draw 2 214707 Mike Carmor	-			
					@ (4') -11 (Soil)				
				11407003	-11 (3011)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 22:20	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 22:20	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 22:20	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 22:20	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 22:20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0905	11/09/21 13:30	11/09/21 22:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.4 %	80-120		P1K0905	11/09/21 13:30	11/09/21 22:20	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	49.7	1.02	mg/kg dry	1	P1K1109	11/11/21 16:00	11/12/21 01:51	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 16:33	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 16:33	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 16:33	TPH 8015M	
Surrogate: 1-Chlorooctane		98.5 %	70-130		P1K1010	11/11/21 08:30	11/11/21 16:33	TPH 8015M	
Surrogate: o-Terphenyl		102 %	70-130		P1K1010	11/11/21 08:30	11/11/21 16:33	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 16:33	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			•	Number:		25 ROW Spill na			
				CS-27 1K09003	@ (4') -12 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 22:41	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 22:41	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 22:41	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 22:41	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 22:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1K0905	11/09/21 13:30	11/09/21 22:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1K0905	11/09/21 13:30	11/09/21 22:41	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	2790	10.4	mg/kg dry	10	P1K1109	11/11/21 16:00	11/12/21 02:06	EPA 300.0	
% Moisture	4.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 16:56	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 16:56	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 16:56	TPH 8015M	
Surrogate: 1-Chlorooctane		89.6 %	70-130		P1K1010	11/11/21 08:30	11/11/21 16:56	TPH 8015M	
Surrogate: o-Terphenyl		91.9 %	70-130		P1K1010	11/11/21 08:30	11/11/21 16:56	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 16:56	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				Number:	Tristie Draw 2 214707 Mike Carmon				
				CS-28 1K09003	@ (4') -13 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:02	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:02	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:02	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:02	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.7 %	80-120		P1K0905	11/09/21 13:30	11/09/21 23:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K0905	11/09/21 13:30	11/09/21 23:02	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	958	1.03	mg/kg dry	1	P1K1109	11/11/21 16:00	11/12/21 02:21	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 17:18	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 17:18	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 17:18	TPH 8015M	
Surrogate: 1-Chlorooctane		82.9 %	70-130		P1K1010	11/11/21 08:30	11/11/21 17:18	TPH 8015M	
Surrogate: o-Terphenyl		85.7 %	70-130		P1K1010	11/11/21 08:30	11/11/21 17:18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 17:18	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				Number:	Tristie Draw 2 214707 Mike Carmon				
					@ (4') -14 (Soil)				
		Reporting			11 (301)				
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	ısin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:24	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:24	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:24	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:24	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K0905	11/09/21 13:30	11/09/21 23:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.0 %	80-120		P1K0905	11/09/21 13:30	11/09/21 23:24	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	4260	26.9	mg/kg dry	25	P1K1109	11/11/21 16:00	11/12/21 02:36	EPA 300.0	
% Moisture	7.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 17:41	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 17:41	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 17:41	TPH 8015M	
Surrogate: 1-Chlorooctane		80.7 %	70-130		P1K1010	11/11/21 08:30	11/11/21 17:41	TPH 8015M	
Surrogate: o-Terphenyl		83.7 %	70-130		P1K1010	11/11/21 08:30	11/11/21 17:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 17:41	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			Project	Number: Manager: CS-30	214707 Mike Carmon	25 ROW Spill na			
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:45	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:45	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:45	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:45	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1K0905	11/09/21 13:30	11/09/21 23:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K0905	11/09/21 13:30	11/09/21 23:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.8 %	80-120		P1K0905	11/09/21 13:30	11/09/21 23:45	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	1630	5.26	mg/kg dry	5	P1K1109	11/11/21 16:00	11/12/21 02:52	EPA 300.0	
% Moisture	5.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	26.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 18:04	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 18:04	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 18:04	TPH 8015M	
Surrogate: 1-Chlorooctane		81.1 %	70-130		P1K1010	11/11/21 08:30	11/11/21 18:04	TPH 8015M	
Surrogate: o-Terphenyl		84.0 %	70-130		P1K1010	11/11/21 08:30	11/11/21 18:04	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 18:04	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				Number:	Mike Carmon	1			
					-16 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:02	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:02	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:02	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:02	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:02	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1K1001	11/10/21 09:44	11/10/21 15:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1K1001	11/10/21 09:44	11/10/21 15:02	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	3880	10.6	mg/kg dry	10	P1K1109	11/11/21 16:00	11/12/21 03:07	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 18:27	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 18:27	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 18:27	TPH 8015M	
Surrogate: 1-Chlorooctane		78.3 %	70-130		P1K1010	11/11/21 08:30	11/11/21 18:27	TPH 8015M	
Surrogate: o-Terphenyl		81.6 %	70-130		P1K1010	11/11/21 08:30	11/11/21 18:27	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 18:27	calc	

Permian Basin Environmental Lab, L.P.

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			Project	Number: Manager: CS-32	214707 Mike Carmon	25 ROW Spill na			
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	Lab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:23	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:23	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:23	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:23	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		P1K1001	11/10/21 09:44	11/10/21 15:23	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1K1001	11/10/21 09:44	11/10/21 15:23	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	2080	10.3	mg/kg dry	10	P1K1109	11/11/21 16:00	11/12/21 03:22	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	l 8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 18:50	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 18:50	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 18:50	TPH 8015M	
Surrogate: 1-Chlorooctane		81.2 %	70-130		P1K1010	11/11/21 08:30	11/11/21 18:50	TPH 8015M	
Surrogate: o-Terphenyl		85.6 %	70-130		P1K1010	11/11/21 08:30	11/11/21 18:50	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 18:50	calc	

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			Project	Number: Manager: CS-33	214707 Mike Carmon	25 ROW Spill na			
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:44	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:44	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:44	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:44	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 15:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K1001	11/10/21 09:44	11/10/21 15:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P1K1001	11/10/21 09:44	11/10/21 15:44	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	15.7	1.06	mg/kg dry	1	P1K1109	11/11/21 16:00	11/12/21 03:38	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 19:13	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 19:13	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 19:13	TPH 8015M	
Surrogate: 1-Chlorooctane		82.0 %	70-130		P1K1010	11/11/21 08:30	11/11/21 19:13	TPH 8015M	
Surrogate: o-Terphenyl		85.9 %	70-130		P1K1010	11/11/21 08:30	11/11/21 19:13	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 19:13	calc	

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706	Project: Tristie Draw 25 ROW Spill Project Number: 214707 Project Manager: Mike Carmona									
Withiand 17X, 77700			Tiojeet	wanager.	wike Carinor	10				
				SW	V-9					
				1K09003	-19 (Soil)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.				
BTEX by 8021B										
Benzene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:06	EPA 8021B		
Toluene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:06	EPA 8021B		
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:06	EPA 8021B		
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:06	EPA 8021B		
Xylene (o)	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:06	EPA 8021B		
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K1001	11/10/21 09:44	11/10/21 16:06	EPA 8021B		
Surrogate: 4-Bromofluorobenzene		97.9 %	80-120		P1K1001	11/10/21 09:44	11/10/21 16:06	EPA 8021B		
General Chemistry Parameters by	EPA / Stand	lard Met	hods							
Chloride	21.8	1.01	mg/kg dry	1	P1K1216	11/12/21 15:48	11/13/21 12:39	EPA 300.0		
% Moisture	1.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216		
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M							
C6-C12	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 19:36	TPH 8015M		
>C12-C28	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 19:36	TPH 8015M		
>C28-C35	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 19:36	TPH 8015M		
Surrogate: 1-Chlorooctane		82.2 %	70-130		P1K1010	11/11/21 08:30	11/11/21 19:36	TPH 8015M		
Surrogate: o-Terphenyl		85.8 %	70-130		P1K1010	11/11/21 08:30	11/11/21 19:36	TPH 8015M		
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 19:36	cale		

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706	ls BLVD Project Number: 214707									
,			5	SW						
					-20 (Soil)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.				
BTEX by 8021B										
Benzene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:27	EPA 8021B		
Toluene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:27	EPA 8021B		
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:27	EPA 8021B		
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:27	EPA 8021B		
Xylene (o)	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:27	EPA 8021B		
Surrogate: 1,4-Difluorobenzene		113 %	80-120		P1K1001	11/10/21 09:44	11/10/21 16:27	EPA 8021B		
Surrogate: 4-Bromofluorobenzene		108 %	80-120		P1K1001	11/10/21 09:44	11/10/21 16:27	EPA 8021B		
General Chemistry Parameters by	EPA / Stand	lard Met	hods							
Chloride	252	1.01	mg/kg dry	1	P1K1216	11/12/21 15:48	11/13/21 12:54	EPA 300.0		
% Moisture	1.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216		
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M							
C6-C12	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 19:59	TPH 8015M		
>C12-C28	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 19:59	TPH 8015M		
>C28-C35	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 19:59	TPH 8015M		
Surrogate: 1-Chlorooctane		81.4 %	70-130		P1K1010	11/11/21 08:30	11/11/21 19:59	TPH 8015M		
Surrogate: o-Terphenyl		85.2 %	70-130		P1K1010	11/11/21 08:30	11/11/21 19:59	TPH 8015M		
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 19:59	calc		

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NTG EnvironmentalProject:Tristie Draw 25 ROW Spill701 Tradewinds BLVDProject Number:214707Midland TX, 79706Project Manager:Mike Carmona									
				SW	-11				
				1K09003	-21 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:48	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:48	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:48	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:48	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 16:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-120		P1K1001	11/10/21 09:44	11/10/21 16:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K1001	11/10/21 09:44	11/10/21 16:48	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	162	1.03	mg/kg dry	1	P1K1216	11/12/21 15:48	11/13/21 13:09	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	5-C35 by EP	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 21:08	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 21:08	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 21:08	TPH 8015M	
Surrogate: 1-Chlorooctane		80.1 %	70-130		P1K1010	11/11/21 08:30	11/11/21 21:08	TPH 8015M	
Surrogate: o-Terphenyl		83.7 %	70-130		P1K1010	11/11/21 08:30	11/11/21 21:08	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 21:08	calc	

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill 1a			
				SW	-12				
				1K09003	-22 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental L	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 17:09	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 17:09	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 17:09	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 17:09	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 17:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-120		P1K1001	11/10/21 09:44	11/10/21 17:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		P1K1001	11/10/21 09:44	11/10/21 17:09	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	6.85	1.06	mg/kg dry	1	P1K1216	11/12/21 15:48	11/13/21 13:25	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP.	A Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 21:31	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 21:31	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 21:31	TPH 8015M	
Surrogate: 1-Chlorooctane		79.2 %	70-130		P1K1010	11/11/21 08:30	11/11/21 21:31	TPH 8015M	
Surrogate: o-Terphenyl		82.5 %	70-130		P1K1010	11/11/21 08:30	11/11/21 21:31	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 21:31	calc	

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	t Number:		25 ROW Spill na			
L				SW	/-13				
				1K09003	-23 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:13	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:13	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:13	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:13	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K1001	11/10/21 09:44	11/10/21 18:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.1 %	80-120		P1K1001	11/10/21 09:44	11/10/21 18:13	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	10.8	1.03	mg/kg dry	1	P1K1216	11/12/21 15:48	11/13/21 13:40	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 21:54	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 21:54	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 21:54	TPH 8015M	
Surrogate: 1-Chlorooctane		77.3 %	70-130		P1K1010	11/11/21 08:30	11/11/21 21:54	TPH 8015M	
Surrogate: o-Terphenyl		80.9 %	70-130		P1K1010	11/11/21 08:30	11/11/21 21:54	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 21:54	calc	

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	t Number:		25 ROW Spill			
Withdund III, 77700			110,000						
				SW					
				1K09003	-24 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:34	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:34	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:34	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:34	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:34	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.1 %	80-120		P1K1001	11/10/21 09:44	11/10/21 18:34	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	80-120		P1K1001	11/10/21 09:44	11/10/21 18:34	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	6.45	1.01	mg/kg dry	1	P1K1216	11/12/21 15:48	11/13/21 13:55	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 22:17	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 22:17	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 22:17	TPH 8015M	
Surrogate: 1-Chlorooctane		77.1 %	70-130		P1K1010	11/11/21 08:30	11/11/21 22:17	TPH 8015M	
Surrogate: o-Terphenyl		80.8 %	70-130		P1K1010	11/11/21 08:30	11/11/21 22:17	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 22:17	cale	

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				t Number:		25 ROW Spill na			
				SW 11/109003	-15 -25 (Soil)				
		Reporting		1107003	-23 (3011)				
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:56	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:56	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:56	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:56	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 18:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.2 %	80-120		P1K1001	11/10/21 09:44	11/10/21 18:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K1001	11/10/21 09:44	11/10/21 18:56	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	5.80	1.00	mg/kg dry	1	P1K1216	11/12/21 15:48	11/13/21 14:10	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 22:40	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 22:40	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 22:40	TPH 8015M	
Surrogate: 1-Chlorooctane		75.6 %	70-130		P1K1010	11/11/21 08:30	11/11/21 22:40	TPH 8015M	
Surrogate: o-Terphenyl		79.1 %	70-130		P1K1010	11/11/21 08:30	11/11/21 22:40	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 22:40	calc	

Permian Basin Environmental Lab, L.P.

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	Number:		25 ROW Spill na			
,				SW					
					-26 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:17	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:17	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:17	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:17	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-120		P1K1001	11/10/21 09:44	11/10/21 19:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.5 %	80-120		P1K1001	11/10/21 09:44	11/10/21 19:17	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	7.38	1.02	mg/kg dry	1	P1K1216	11/12/21 15:48	11/13/21 14:26	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 23:04	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 23:04	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 23:04	TPH 8015M	
Surrogate: 1-Chlorooctane		72.7 %	70-130		P1K1010	11/11/21 08:30	11/11/21 23:04	TPH 8015M	
Surrogate: o-Terphenyl		76.2 %	70-130		P1K1010	11/11/21 08:30	11/11/21 23:04	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 23:04	calc	

Permian Basin Environmental Lab, L.P.

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	t Number:		25 ROW Spill na			
				SW	-17				
				1K09003	-27 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:38	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:38	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:38	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:38	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:38	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.0 %	80-120		P1K1001	11/10/21 09:44	11/10/21 19:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K1001	11/10/21 09:44	11/10/21 19:38	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	6.05	1.06	mg/kg dry	1	P1K1217	11/12/21 16:50	11/16/21 00:00	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 23:27	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 23:27	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 23:27	TPH 8015M	
Surrogate: 1-Chlorooctane		75.6 %	70-130		P1K1010	11/11/21 08:30	11/11/21 23:27	TPH 8015M	
Surrogate: o-Terphenyl		79.3 %	70-130		P1K1010	11/11/21 08:30	11/11/21 23:27	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 23:27	calc	

Permian Basin Environmental Lab, L.P.

NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				t Number:		25 ROW Spill			
				SW 11/109003	'-18 -28 (Soil)				
				1107005	-20 (3011)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:59	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:59	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:59	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:59	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 19:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120		P1K1001	11/10/21 09:44	11/10/21 19:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-120		P1K1001	11/10/21 09:44	11/10/21 19:59	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
Chloride	ND	1.00	mg/kg dry	1	P1K1217	11/12/21 16:50	11/16/21 00:45	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 23:51	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 23:51	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/11/21 23:51	TPH 8015M	
Surrogate: 1-Chlorooctane		74.3 %	70-130		P1K1010	11/11/21 08:30	11/11/21 23:51	TPH 8015M	
Surrogate: o-Terphenyl		78.6 %	70-130		P1K1010	11/11/21 08:30	11/11/21 23:51	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/11/21 08:30	11/11/21 23:51	calc	

Permian Basin Environmental Lab, L.P.

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706			5	t Number:		25 ROW Spill			
			mojeet						
				SW	-19				
				1K09003	-29 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 20:21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 20:21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 20:21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 20:21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 20:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.9 %	80-120		P1K1001	11/10/21 09:44	11/10/21 20:21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K1001	11/10/21 09:44	11/10/21 20:21	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	5.61	1.01	mg/kg dry	1	P1K1217	11/12/21 16:50	11/16/21 01:01	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/12/21 00:14	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/12/21 00:14	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1K1010	11/11/21 08:30	11/12/21 00:14	TPH 8015M	
Surrogate: 1-Chlorooctane		75.0 %	70-130		P1K1010	11/11/21 08:30	11/12/21 00:14	TPH 8015M	
Surrogate: o-Terphenyl		79.7 %	70-130		P1K1010	11/11/21 08:30	11/12/21 00:14	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	11/11/21 08:30	11/12/21 00:14	calc	

Permian Basin Environmental Lab, L.P.

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NTG Environmental 701 Tradewinds BLVD Midland TX, 79706				t Number:		25 ROW Spill na			
				SW 1K09003	7-20 -30 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian Ba	asin Envi	ronmental I	.ab, L.P.			
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 20:42	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 20:42	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 20:42	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 20:42	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1K1001	11/10/21 09:44	11/10/21 20:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.6 %	80-120		P1K1001	11/10/21 09:44	11/10/21 20:42	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-120		P1K1001	11/10/21 09:44	11/10/21 20:42	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	dard Met	hods						
Chloride	ND	1.00	mg/kg dry	1	P1K1217	11/12/21 16:50	11/16/21 01:16	EPA 300.0	
% Moisture	ND	0.1	%	1	P1K1008	11/10/21 13:13	11/10/21 13:27	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EP	A Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/12/21 00:38	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/12/21 00:38	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1K1010	11/11/21 08:30	11/12/21 00:38	TPH 8015M	
Surrogate: 1-Chlorooctane		77.5 %	70-130		P1K1010	11/11/21 08:30	11/12/21 00:38	TPH 8015M	
Surrogate: o-Terphenyl		82.0 %	70-130		P1K1010	11/11/21 08:30	11/12/21 00:38	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	11/11/21 08:30	11/12/21 00:38	calc	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Trist	ie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 2147	07
Midland TX, 79706	Project Manager: Mike	Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0905 - *** DEFAULT PREP ***										
Blank (P1K0905-BLK1)				Prepared &	Analyzed:	11/09/21				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.129		"	0.124		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.124		101	80-120			
LCS (P1K0905-BS1)				Prepared &	Analyzed:	11/09/21				
Benzene	0.0807	0.00100	mg/kg wet	0.0865		93.3	70-130			
Toluene	0.0822	0.00100	"	0.0865		95.0	70-130			
Ethylbenzene	0.0908	0.00100	"	0.0865		105	70-130			
Xylene (p/m)	0.188	0.00200	"	0.173		109	70-130			
Xylene (o)	0.0844	0.00100	"	0.0865		97.6	70-130			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.104		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.109		"	0.104		105	80-120			
LCS Dup (P1K0905-BSD1)				Prepared &	Analyzed:	11/09/21				
Benzene	0.0809	0.00100	mg/kg wet	0.0977		82.8	70-130	11.9	20	
Toluene	0.0804	0.00100	"	0.0977		82.4	70-130	14.3	20	
Ethylbenzene	0.0896	0.00100	"	0.0977		91.7	70-130	13.5	20	
Xylene (p/m)	0.185	0.00200	"	0.195		94.6	70-130	14.1	20	
Xylene (o)	0.0828	0.00100	"	0.0977		84.8	70-130	14.1	20	
Surrogate: 1,4-Difluorobenzene	0.122		"	0.117		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.117		105	80-120			
Calibration Blank (P1K0905-CCB1)				Prepared &	Analyzed:	11/09/21				
Benzene	0.00		mg/kg wet							
Toluene	0.290		"							
Ethylbenzene	0.00									
Xylene (p/m)	0.00									
Xylene (o)	0.00									
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.9	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K0905 - *** DEFAULT PREP ***										
Calibration Blank (P1K0905-CCB2)				Prepared &	Analyzed:	11/09/21				
Benzene	0.00		mg/kg wet							
Toluene	0.410		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.160		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			
Calibration Check (P1K0905-CCV1)				Prepared &	Analyzed:	11/09/21				
Benzene	0.103	0.00100	mg/kg wet	0.100		103	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.231	0.00200	"	0.200		116	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	75-125			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	75-125			
Calibration Check (P1K0905-CCV2)				Prepared &	Analyzed:	11/09/21				
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	75-125			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.9	75-125			
Calibration Check (P1K0905-CCV3)				Prepared: 1	1/09/21 Ar	nalyzed: 11	/10/21			
Benzene	0.115	0.00100	mg/kg wet	0.100		115	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		100	75-125			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.6	75-125			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

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

Batch P1K0905 - *** DEFAULT PREP ***

Matrix Spike (P1K0905-MS1)	Sour	ce: 1K09002	-01	Prepared: 1	1/09/21 A	nalyzed: 11	/10/21			
Benzene	0.0775	0.00104	mg/kg dry	0.0871	ND	89.0	80-120			
Toluene	0.0781	0.00104	"	0.0871	ND	89.6	80-120			
Ethylbenzene	0.0850	0.00104	"	0.0871	ND	97.6	80-120			
Xylene (p/m)	0.172	0.00208	"	0.174	ND	98.9	80-120			
Xylene (o)	0.0771	0.00104		0.0871	ND	88.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.114		"	0.105		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.105		108	80-120			
Matrix Spike Dup (P1K0905-MSD1)	Sour	ce: 1K09002	-01	Prepared: 1	1/09/21 A	nalyzed: 11	/10/21			
Benzene	0.108	0.00104	mg/kg dry	0.114	ND	95.0	80-120	6.52	20	
Toluene	0.109	0.00104	"	0.114	ND	96.0	80-120	6.82	20	
Ethylbenzene	0.117	0.00104	"	0.114	ND	103	80-120	5.07	20	
Xylene (p/m)	0.239	0.00208	"	0.228	ND	105	80-120	5.70	20	
Xylene (o)	0.108	0.00104	"	0.114	ND	94.8	80-120	6.77	20	
Surrogate: 1,4-Difluorobenzene	0.145		"	0.137		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.143		"	0.137		104	80-120			

Batch P1K1001 - *** DEFAULT PREP ***

Blank (P1K1001-BLK1)				Prepared & Ana	lyzed: 11/10/21		
Benzene	ND	0.00100	mg/kg wet				
Toluene	ND	0.00100	"				
Ethylbenzene	ND	0.00100	"				
Xylene (p/m)	ND	0.00200	"				
Xylene (o)	ND	0.00100	"				
Surrogate: 1,4-Difluorobenzene	0.123		"	0.121	102	80-120	
Surrogate: 4-Bromofluorobenzene	0.115		"	0.121	95.4	80-120	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian	Basin	Environmenta	l Lab,	L.P.
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Amplyta	Darrelt	Reporting Limit	I le !+-	Spike	Source	%REC	%REC	סחת	RPD Limit	N
Analyte	Result	Limit	Units	Level	Result	™KEU	Limits	RPD	Limit	Notes
Batch P1K1001 - *** DEFAULT PREP ***										
LCS (P1K1001-BS1)				Prepared &	Analyzed:	11/10/21				
Benzene	0.102	0.00100	mg/kg wet	0.0969		105	70-130			
Toluene	0.111	0.00100	"	0.0969		114	70-130			
Ethylbenzene	0.113	0.00100	"	0.0969		116	70-130			
Xylene (p/m)	0.232	0.00200	"	0.194		120	70-130			
Xylene (o)	0.112	0.00100	"	0.0969		116	70-130			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.116		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.116		101	80-120			
LCS Dup (P1K1001-BSD1)				Prepared &	Analyzed:	11/10/21				
Benzene	0.104	0.00100	mg/kg wet	0.101		103	70-130	2.29	20	
Toluene	0.111	0.00100	"	0.101		110	70-130	3.58	20	
Ethylbenzene	0.109	0.00100	"	0.101		109	70-130	6.83	20	
Xylene (p/m)	0.235	0.00200	"	0.201		117	70-130	2.60	20	
Xylene (o)	0.114	0.00100	"	0.101		113	70-130	2.53	20	
Surrogate: 1,4-Difluorobenzene	0.128		"	0.121		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.128		"	0.121		106	80-120			
Calibration Blank (P1K1001-CCB1)				Prepared &	Analyzed:	11/10/21				
Benzene	0.00		mg/kg wet							
Toluene	0.240		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00									
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		96.0	80-120			
Calibration Blank (P1K1001-CCB2)				Prepared &	Analyzed:	11/10/21				
Benzene	0.00		mg/kg wet							
Toluene	0.230									
Ethylbenzene	0.00									
Xylene (p/m)	0.160		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99 .7	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	80-120			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tris	tie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214	707
Midland TX, 79706	Project Manager: Mik	e Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K1001 - *** DEFAULT PREP ***										
Calibration Blank (P1K1001-CCB3)				Prepared &	Analyzed:	11/10/21				
Benzene	0.00		mg/kg wet							
Toluene	0.290		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.380		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Calibration Check (P1K1001-CCV1)				Prepared &	Analyzed:	11/10/21				
Benzene	0.110	0.00100	mg/kg wet	0.100		110	80-120			
Toluene	0.116	0.00100	"	0.100		116	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.240	0.00200	"	0.200		120	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.3	75-125			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.7	75-125			
Calibration Check (P1K1001-CCV2)				Prepared &	Analyzed:	11/10/21				
Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120			
Xylene (o)	0.120	0.00100	"	0.100		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.127		"	0.120		106	75-125			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		104	75-125			
Calibration Check (P1K1001-CCV3)				Prepared &	Analyzed:	11/10/21				
Benzene	0.0968	0.00100	mg/kg wet	0.100		96.8	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.233	0.00200	"	0.200		117	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		105	75-125			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.120		105	75-125			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

	D k	Reporting	T T '4	Spike	Source	A/DEC	%REC	DDD	RPD	
Analyte Batch P1K1001 - *** DEFAULT PREP ***	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
M-4 6 (D11/1001 M61)	6	11/10001	01	D 10	A	11/10/21				

Sour	Source: 1K10001-01		Prepared & Analyzed: 11/10/21		01-01 Prepared & Analyzed: 11/10/21						
0.0781	0.00103	mg/kg dry	0.103	ND	75.7	80-120			QM-07		
0.0929	0.00103	"	0.103	0.0163	74.3	80-120			QM-07		
0.131	0.00103	"	0.103	0.0460	82.7	80-120					
0.417	0.00206	"	0.206	0.187	112	80-120					
0.177	0.00103	"	0.103	0.0799	93.9	80-120					
0.123		"	0.124		99.4	80-120					
0.146		"	0.124		118	80-120					
Sour	ce: 1K10001	l-01	Prepared &	a Analyzed:	11/10/21						
0.0836	0.00103	mg/kg dry	0.103	ND	81.1	80-120	6.86	20			
0.0866	0.00103	"	0.103	0.0163	68.2	80-120	8.52	20	QM-07		
0.0998	0.00103	"	0.103	0.0460	52.2	80-120	45.1	20	QM-07		
0.297	0.00206	"	0.206	0.187	53.5	80-120	70.5	20	QM-07		
0.128	0.00103	"	0.103	0.0799	46.8	80-120	67.1	20	QM-07		
0.171		"	0.124		138	80-120			S-GC		
0.148		"	0.124		119	80-120					
	0.0781 0.0929 0.131 0.417 0.177 0.123 0.146 Sour 0.0836 0.0866 0.0998 0.297 0.128 0.171	0.0781 0.00103 0.0929 0.00103 0.131 0.00103 0.417 0.00206 0.177 0.00103 0.123 0.146 Source: 1K10001 0.0836 0.00103 0.0998 0.00103 0.297 0.00206 0.128 0.00103	0.0929 0.00103 " 0.131 0.00103 " 0.417 0.00206 " 0.177 0.00103 " 0.123 " " 0.146 " " Source: 1K10001-01 0.0836 0.00103 "g/kg dry 0.0866 0.00103 " 0.0998 0.00103 " 0.297 0.00206 " 0.128 0.00103 "	0.0781 0.00103 mg/kg dry 0.103 0.0929 0.00103 " 0.103 0.131 0.00103 " 0.103 0.417 0.00206 " 0.206 0.177 0.00103 " 0.103 0.123 " 0.124 0.124 0.146 " 0.124 Prepared & 0.0836 0.00103 mg/kg dry 0.103 0.0866 0.00103 " 0.103 0.0998 0.00103 " 0.103 0.297 0.00206 " 0.206 0.128 0.00103 " 0.103	0.0781 0.00103 mg/kg dry 0.103 ND 0.0929 0.00103 " 0.103 0.0163 0.131 0.00103 " 0.103 0.0460 0.417 0.00206 " 0.206 0.187 0.177 0.00103 " 0.103 0.0799 0.123 " 0.124 0.124 0.146 " 0.124 0.103 ND 0.0836 0.00103 mg/kg dry 0.103 ND 0.0866 0.00103 " 0.103 0.0163 0.0998 0.00103 " 0.103 0.0460 0.297 0.00206 " 0.206 0.187 0.128 0.00103 " 0.103 0.0799 0.171 " 0.124 100 100	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.0781 0.00103 mg/kg dry 0.103 ND 75.7 80-120 0.0929 0.00103 " 0.103 0.0163 74.3 80-120 0.131 0.00103 " 0.103 0.0460 82.7 80-120 0.417 0.00206 " 0.206 0.187 112 80-120 0.177 0.00103 " 0.103 0.0799 93.9 80-120 0.123 " 0.124 99.4 80-120 0.146 " 0.124 118 80-120 Source: 1K10001-01 Prepared & Analyzed: 11/10/21 0.0836 0.00103 mg/kg dry 0.103 ND 81.1 80-120 6.86 20 0.0866 0.00103 " 0.103 0.0163 68.2 80-120 8.52 20 0.0998 0.00103 " 0.103 0.0460 52.2 80-120 45.1 20 0.297 0.00206 " 0.206 0.187 53.5 80-120 67.1 20 <		

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K1008 - *** DEFAULT PREP ***										
Blank (P1K1008-BLK1)				Prepared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Blank (P1K1008-BLK2)				Prepared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Blank (P1K1008-BLK3)				Prepared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Blank (P1K1008-BLK4)				Prepared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Blank (P1K1008-BLK5)				Prepared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Blank (P1K1008-BLK6)				Prepared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Blank (P1K1008-BLK7)				Prepared &	Analyzed:	11/10/21				
% Moisture	ND	0.1	%							
Duplicate (P1K1008-DUP1)	Sou	rce: 1K08008-	-10	Prepared &	Analyzed:	11/10/21				
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P1K1008-DUP2)	Sou	rce: 1K08008-	-20	Prepared &	Analyzed:	11/10/21				
% Moisture	17.0	0.1	%		17.0			0.00	20	
Duplicate (P1K1008-DUP3)	Sou	rce: 1K08008-	35	Prepared &	Analyzed:	11/10/21				
% Moisture	15.0	0.1	%	•	16.0			6.45	20	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K1008 - *** DEFAULT PREP ***										
Duplicate (P1K1008-DUP4)	Sou	Source: 1K08008-45 Prej		Prepared &	Analyzed:	11/10/21				
% Moisture	14.0	0.1	%		13.0			7.41	20	
Duplicate (P1K1008-DUP5)	Sou	rce: 1K08008-	60	Prepared &	Analyzed:	11/10/21				
% Moisture	16.0	0.1	%	16.0				0.00	20	
Duplicate (P1K1008-DUP6)	Sou	rce: 1K08008-	70	Prepared &	analyzed:	11/10/21				
% Moisture	17.0	0.1	%				5.71	20		
Duplicate (P1K1008-DUP7)	Sou	rce: 1K08011-	08	Prepared &	z Analyzed:	11/10/21				
% Moisture	15.0	0.1	%				0.00	20		
Duplicate (P1K1008-DUP8)	Sou	rce: 1K08011-	18	Prepared & Analyzed: 11/10/21						
% Moisture	16.0	0.1	%		17.0			6.06	20	
Duplicate (P1K1008-DUP9)	Sou	rce: 1K09001-	01	Prepared & Analyzed: 11/10/21						
% Moisture	15.0	0.1	%		16.0			6.45	20	
Duplicate (P1K1008-DUPA)	Sou	rce: 1K09001-	11	Prepared &	analyzed:	11/10/21				
% Moisture	8.0	0.1	%		9.0			11.8	20	
Duplicate (P1K1008-DUPB)	Sou	rce: 1K09003-	06	Prepared &	Analyzed:	11/10/21				
% Moisture	2.0	0.1	%	1	3.0			40.0	20	R
Duplicate (P1K1008-DUPC)	Sou	rce: 1K09003-	16	Prepared &	Analyzed:	11/10/21				
% Moisture	6.0	0.1	%	1	6.0			0.00	20	
Duplicate (P1K1008-DUPD)	Sou	rce: 1K09007-	01	Prepared &	Analyzed:	11/10/21				
% Moisture	4.0	0.1	%	- repared of	4.0			0.00	20	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1K1109 - *** DEFAULT PREP ***										
Blank (P1K1109-BLK1)				Prepared &	Analyzed:	11/11/21				
Chloride	ND	1.00	mg/kg wet							
LCS (P1K1109-BS1)				Prepared &	Analyzed:	11/11/21				
Chloride	39.6		mg/kg	40.0		98.9	90-110			
LCS Dup (P1K1109-BSD1)				Prepared &	Analyzed:	11/11/21				
Chloride	39.4		mg/kg	40.0		98.4	90-110	0.552	10	
Calibration Check (P1K1109-CCV1)				Prepared &	Analyzed:	11/11/21				
Chloride	18.8		mg/kg	20.0		93.9	90-110			
Calibration Check (P1K1109-CCV2)				Prepared:	11/11/21 Ar	nalyzed: 11	/12/21			
Chloride	18.6		mg/kg	20.0		92.9	90-110			
Calibration Check (P1K1109-CCV3)				Prepared: 1	11/11/21 Ar	nalyzed: 11	/12/21			
Chloride	19.0		mg/kg	20.0		95.2	90-110			
Matrix Spike (P1K1109-MS1)	Sou	rce: 1K09002	-03	Prepared &	Analyzed:	11/11/21				
Chloride	105	1.06	mg/kg dry	106	7.12	92.4	80-120			
Matrix Spike (P1K1109-MS2)	Sou	rce: 1K09003	-09	Prepared: 1	11/11/21 Ar	nalyzed: 11	/12/21			
Chloride	238	1.06	mg/kg dry	106	120	111	80-120			
Matrix Spike Dup (P1K1109-MSD1)	Sou	rce: 1K09002	-03	Prepared &	Analyzed:	11/11/21				
Chloride	110	1.06	mg/kg dry	106	7.12	96.8	80-120	4.27	20	
Matrix Spike Dup (P1K1109-MSD2)	Sou	rce: 1K09003	-09	Prepared: 1	11/11/21 Ar	nalyzed: 11	/12/21			
Chloride	225		mg/kg dry	106	120	98.5	80-120	5.71	20	

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1K1216 - *** DEFAULT PREP ***										
Blank (P1K1216-BLK1)				Prepared: 1	1/12/21 A	nalyzed: 11	/13/21			
Chloride	ND	1.00	mg/kg wet							
LCS (P1K1216-BS1)				Prepared: 1	1/12/21 A	nalyzed: 11	/13/21			
Chloride	38.0		mg/kg	40.0		95.1	90-110			
LCS Dup (P1K1216-BSD1)				Prepared: 1	1/12/21 A	nalyzed: 11	/13/21			
Chloride	36.9		mg/kg	40.0		92.1	90-110	3.15	10	
Calibration Blank (P1K1216-CCB1)				Prepared: 1	1/12/21 A	nalyzed: 11	/13/21			
Chloride	0.00		mg/kg wet							
Calibration Blank (P1K1216-CCB2)				Prepared: 1	1/12/21 A	nalyzed: 11	/13/21			
Chloride	0.00		mg/kg wet							
Calibration Check (P1K1216-CCV1)				Prepared: 1	1/12/21 A	nalyzed: 11	/13/21			
Chloride	19.1		mg/kg	20.0		95.4	90-110			
Calibration Check (P1K1216-CCV2)				Prepared: 1	1/12/21 A	nalyzed: 11	/13/21			
Chloride	18.7		mg/kg	20.0		93.4	90-110			
Calibration Check (P1K1216-CCV3)				Prepared: 1	1/12/21 A	nalyzed: 11	/13/21			
Chloride	19.0		mg/kg	20.0		95.1	90-110			
Matrix Spike (P1K1216-MS1)	Sou	rce: 1K12003	8-37	Prepared: 1	1/12/21 A	nalyzed: 11	/15/21			
Chloride	526	1.11	mg/kg dry	556	8.37	93.2	80-120			
Matrix Spike (P1K1216-MS2)	Sou	rce: 1K12003	8-47	Prepared: 1	1/12/21 A	nalyzed: 11	/13/21			
Chloride	24100	56.2	mg/kg dry	5620	18800	94.2	80-120			

Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods - Quality Control							
Midland TX, 79706	Project Manager: Mike Carmona						
701 Tradewinds BLVD	Project Number: 214707						
NTG Environmental	Project: Tristie Draw 25 ROW Spill						

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Anaryte	Result	Liinit	Units	Level	Result	70KEU	LIIIIIIS	KrD	LIIIII	inotes
Batch P1K1216 - *** DEFAULT PREP ***										
Matrix Spike Dup (P1K1216-MSD1)	Sou	rce: 1K12003	-37	Prepared: 1	1/12/21 A	nalyzed: 11	/15/21			
Chloride	526	1.11	mg/kg dry	556	8.37	93.3	80-120	0.0887	20	
Matrix Spike Dup (P1K1216-MSD2)	Sou	rce: 1K12003	-47	Prepared: 1	1/12/21 Ai	nalyzed: 11	/13/21			
Chloride	24500	56.2	mg/kg dry	5620	18800	102	80-120	1.72	20	
Batch P1K1217 - *** DEFAULT PREP ***										
Blank (P1K1217-BLK1)				Prepared: 1	1/12/21 Ai	nalyzed: 11	/15/21			
Chloride	ND	1.00	mg/kg wet							
LCS (P1K1217-BS1)				Prepared: 1	1/12/21 Ai	nalyzed: 11	/15/21			
Chloride	38.8		mg/kg	40.0		96.9	90-110			
LCS Dup (P1K1217-BSD1)				Prepared: 1	1/12/21 Ai	nalyzed: 11	/15/21			
Chloride	37.3		mg/kg	40.0		93.3	90-110	3.73	10	
Calibration Blank (P1K1217-CCB1)				Prepared: 1	1/12/21 Ai	nalyzed: 11	/15/21			
Chloride	0.00		mg/kg wet							
Calibration Blank (P1K1217-CCB2)				Prepared: 1	1/12/21 Ai	nalyzed: 11	/16/21			
Chloride	0.00		mg/kg wet			•				
Calibration Check (P1K1217-CCV1)				Prepared: 1	1/12/21 Ai	nalyzed: 11	/15/21			
Chloride	19.3		mg/kg	20.0		96.5	90-110			
Calibration Check (P1K1217-CCV2)				Prepared: 1	1/12/21 At	nalvzed: 11	/16/21			
Chloride	19.2		mg/kg	20.0		96.2	90-110			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K1217 - *** DEFAULT PREP ***										
Calibration Check (P1K1217-CCV3)				Prepared:	11/12/21 A	nalyzed: 11	/16/21			
Chloride	18.3		mg/kg	20.0		91.7	90-110			
Matrix Spike (P1K1217-MS1)	Source	e: 1K09003	-27	Prepared:	11/12/21 A	nalyzed: 11	/16/21			
Chloride	497	1.06	mg/kg dry	532	6.05	92.3	80-120			
Matrix Spike (P1K1217-MS2)	Source	e: 1K10003	-07	Prepared:	11/12/21 A	nalyzed: 11	/16/21			
Chloride	671	1.00	mg/kg dry	500	163	102	80-120			
Matrix Spike Dup (P1K1217-MSD1)	Source	e: 1K09003	-27	Prepared:	11/12/21 A	nalyzed: 11	/16/21			
Chloride	479	1.06	mg/kg dry	532	6.05	88.9	80-120	3.67	20	
Matrix Spike Dup (P1K1217-MSD2)	Source	e: 1K10003	-07	Prepared:	11/12/21 A	nalyzed: 11	/16/21			
Chloride	628	1.00	mg/kg dry	500	163	93.1	80-120	6.56	20	

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K1009 - TX 1005										
Blank (P1K1009-BLK1)				Prepared &	analyzed:	11/10/21				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	53.4		"	50.0		107	70-130			
LCS (P1K1009-BS1)				Prepared 8	د Analyzed:	11/10/21				
C6-C12	1160	25.0	mg/kg wet	1000		116	75-125			
>C12-C28	1160	25.0	"	1000		116	75-125			
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	61.4		"	50.0		123	70-130			
LCS Dup (P1K1009-BSD1)				Prepared 8	د Analyzed:	11/10/21				
C6-C12	918	25.0	mg/kg wet	1000		91.8	75-125	23.0	20	R
>C12-C28	953	25.0	"	1000		95.3	75-125	19.8	20	
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	49.0		"	50.0		97.9	70-130			
Calibration Check (P1K1009-CCV1)				Prepared &	analyzed:	11/10/21				
C6-C12	519	25.0	mg/kg wet	500		104	85-115			
>C12-C28	464	25.0	"	500		92.8	85-115			
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	49.8		"	50.0		99.6	70-130			
Calibration Check (P1K1009-CCV2)				Prepared:	11/10/21 A	nalyzed: 11	/11/21			
C6-C12	426	25.0	mg/kg wet	500		85.3	85-115			
>C12-C28	426	25.0		500		85.1	85-115			
Surrogate: 1-Chlorooctane	94.9		"	100		94.9	70-130			
Surrogate: o-Terphenyl	41.1		"	50.0		82.3	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tristi	e Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 2147	07
Midland TX, 79706	Project Manager: Mike	Carmona

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K1009 - TX 1005										
Calibration Check (P1K1009-CCV3)				Prepared: 1	1/10/21 A	nalyzed: 11	/11/21			
C6-C12	429	25.0	mg/kg wet	500		85.9	85-115			
>C12-C28	431	25.0	"	500		86.2	85-115			
Surrogate: 1-Chlorooctane	94.5		"	100		94.5	70-130			
Surrogate: o-Terphenyl	41.0		"	50.0		81.9	70-130			
Duplicate (P1K1009-DUP1)	Sou	rce: 1K09003	3-10	Prepared: 1	1/10/21 A	nalyzed: 11	/11/21			
C6-C12	15.9	25.3	mg/kg dry		15.4			3.74	20	
>C12-C28	15.1	25.3	"		12.8			15.9	20	
Surrogate: 1-Chlorooctane	115		"	101		114	70-130			
Surrogate: o-Terphenyl	61.8		"	50.5		122	70-130			
Batch P1K1010 - TX 1005										
Blank (P1K1010-BLK1)				Prepared &	Analyzed:	11/11/21				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	82.9		"	100		82.9	70-130			
Surrogate: o-Terphenyl	42.6		"	50.0		85.2	70-130			
LCS (P1K1010-BS1)				Prepared &	Analyzed:	11/11/21				
C6-C12	1120	25.0	mg/kg wet	1000		112	75-125			
>C12-C28	981	25.0	"	1000		98.1	75-125			
Surrogate: 1-Chlorooctane	93.5		"	100		93.5	70-130			
Surrogate: o-Terphenyl	47.6		"	50.0		95.1	70-130			
LCS Dup (P1K1010-BSD1)				Prepared &	Analyzed:	11/11/21				
C6-C12	1150	25.0	mg/kg wet	1000		115	75-125	2.78	20	
>C12-C28	1010	25.0	"	1000		101	75-125	2.84	20	
Surrogate: 1-Chlorooctane	93.9		"	100		93.9	70-130			
Surrogate: o-Terphenyl	46.5		"	50.0		93.0	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1K1010 - TX 1005										
Calibration Check (P1K1010-CCV1)				Prepared &	analyzed:	: 11/11/21				
C6-C12	561	25.0	mg/kg wet	500		112	85-115			
>C12-C28	507	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	47.5		"	50.0		95.0	70-130			
Calibration Check (P1K1010-CCV2)				Prepared &	Analyzed	11/11/21				
C6-C12	540	25.0	mg/kg wet	500		108	85-115			
>C12-C28	478	25.0	"	500		95.6	85-115			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	46.4		"	50.0		92.7	70-130			
Matrix Spike (P1K1010-MS1)	Sou	rce: 1K09003	3-30	Prepared:	11/11/21 A	nalyzed: 11	/12/21			
C6-C12	952	25.0	mg/kg dry	1000	24.4	92.8	75-125			
>C12-C28	854	25.0	"	1000	ND	85.4	75-125			
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	43.0		"	50.0		85.9	70-130			
Matrix Spike Dup (P1K1010-MSD1)	Sou	rce: 1K09003	3-30	Prepared:	11/11/21 A	nalyzed: 11	/12/21			
C6-C12	930	25.0	mg/kg dry	1000	24.4	90.6	75-125	2.36	20	
>C12-C28	817	25.0	"	1000	ND	81.7	75-125	4.43	20	
Surrogate: 1-Chlorooctane	109		"	100		109	70-130			
Surrogate: o-Terphenyl	40.9		"	50.0		81.8	70-130			

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project:	Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number:	214707
Midland TX, 79706	Project Manager:	Mike Carmona

Notes and Definitions

S-GC1	Surrogate recovery outside of control limits. A second analysis confirmed the original results
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
R2	The RPD exceeded the acceptance limit.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
NPBEL CO	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:

Bun Barron

Date: 11/16/2021

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

NTG Environmental	Project: Tristie Draw 25 ROW Spill
701 Tradewinds BLVD	Project Number: 214707
Midland TX, 79706	Project Manager: Mike Carmona

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If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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	Signaturé)	pature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontracto Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will b	comments:	11/8/2021	11/8/2021	11/8/2021	11/8/2021	-1-1/8/2021-	11/8/2021	11/8/2021	11/8/2021	11/8/2021	11/8/2021	ion Date		Yes No N/A	Yes No N/A (Temp Blank		CRM	Lea Co, NM	214707	Triste Draw 25 ROW Spill	432.813.0263	Midland, TX 79706	701 Tradewinds BLVD	NTG Environmental	Mike Carmona			
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Revised Date 05012020 Rev. 2020.1	Date/Time													Sample Comments	Acid: SAPC)H: Zn	ω ⁻			NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes			ן נ			of ကြော		

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			Date/Time						۰.				×							Sample Comments	NaOH+Ascorbic Acid: SAPC	Zn Acetate+NaOH: Zn	SO	BIS		NaOH: Na	HNO3: HN	MeOH: Me	DI Water: H ₂ O	Preservative Codes	ier:			_			~ of _ ≫				

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Chain of Custody



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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator: CI	IMAREX ENERGY CO.	OGRID: 215099								
60		Action Number: 64691								
		Action Type: [C-141] Release Corrective Action (C-141)								
CONDITIONS	CONDITIONS									
Created By	Condition		Condition Date							

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CONDITIONS

Action 64691

12/28/2021