State of New Mexico Oil Conservation Division

Incident ID	NRM 2012560155	٦
District RP		۱
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 fo	
A scaled site and sampling diagram as described in 1	9.15.29.11 NMAC
Photographs of the remediated site prior to backfill must be notified 2 days prior to liner inspection)	or photos of the liner integrity if applicable (Note: appropriate OCD District office
X Laboratory analyses of final sampling (Note: approp	riate ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities	
	nd complete to the best of my knowledge and understand that pursuant to OCD rules
and regulations all operators are required to report and/or may endanger public health or the environment. The acce should their operations have failed to adequately investiga human health or the environment. In addition, OCD accep compliance with any other federal, state, or local laws and restore, reclaim, and re-vegetate the impacted surface area accordance with 19.15.29.13 NMAC including notification	file certain release notifications and perform corrective actions for releases which eptance of a C-141 report by the OCD does not relieve the operator of liability at and remediate contamination that pose a threat to groundwater, surface water, ptance of a C-141 report does not relieve the operator of responsibility for l/or regulations. The responsible party acknowledges they must substantially a to the conditions that existed prior to the release or their final land use in n to the OCD when reclamation and re-vegetation are complete.
Printed Name: Karolanne Hudgens	Title: HSE Remediation Specialist 11
Signature:	Title: HSE Remediation Specialist II Date: 6/24/2022 Telephone: 575.200.5517
email: khudgens Qpaalp. com	Telephone: 575.200.5517
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the respons remediate contamination that poses a threat to groundwate party of compliance with any other federal, state, or local	wible party of liability should their operations have failed to adequately investigate an r, surface water, human health, or the environment nor does not relieve the responsib laws and/or regulations.
Closure Approved by:	Date: 06/28/2022
Printed Name: Jennifer Nobui	Title: Environmental Specialist A



12600 WEST CO RD 91 MIDLAND, TX 79707 OFFICE: 432.653.4203

June 24, 2022

Ms. Jennifer Nobui, P.G. Environmental Science & Specialist New Mexico Energy, Mineral and Natural Resources Department Oil Conservation Division 5200 Oakland Avenue N.E. Suite 100 Albuquerque, NM 87113

Re: Requested Additional Delineation Soil Sampling Matador Florence St. 23 @ 202H Unit Letter N, Section 23, Township 23S, Range 34E GPS: 32.284333, -103443128 Lea County, New Mexico NMOCD Incident # NRM2012560155

Ms. Nobui,

Plains Marketing, L.P. (Plains) has completed the additional delineation sampling as requested in an email dated November 15, 2021, in reference to the *Remediation and Closure Report*, previously submitted by Talon LPE dated October 7, 2021. In addition, updated site maps that indicate current conditions at the site and a more recent (<25

years old) well log have also been included per the request detailed in the denied deferral request dated May 17, 2022.

As requested by the NMOCD, additional sampling was necessary for the sample locations collected by Talon LPE (W-SW-2 and E-SW-2) to confirm delineation. Dean Companies, Inc (Dean) mobilized to the site, on January 31, 2022, to excavate and collect two additional soil samples in the two areas of concern, (WSW and ESW). Utilizing a backhoe, the two areas were excavated to a depth of approximately 2.5 feet below ground surface (bgs) and samples were collected at that depth and submitted to Permian Basin Environmental Laboratory (PBELAB) of Midland, Texas for analysis of BTEX utilizing EPA method 8021B, chlorides utilizing EPA method E 300 and TPH utilizing EPA method 8015M. Analytical results for the two samples were below method detection limits (MDL) for both BTEX and TPH with chlorides ranging from 15.1 milligrams per kilogram (mg/Kg) in soil sample ESW @ 2.5 ft to 147 mg/Kg for soil sample WSW @ 2.5 ft. See attached Table 1 along with lab analysis. With completion of the delineation, Plains respectfully requests the NMOCD consider incident # NRM20212560155 for closure.

If you have any questions, or if additional information is needed, please feel free to contact Elizabeth Stuart (email: elizabethstuart@deandigs.com, cell: 432.653.4203) or Jennifer Perez (email: jenniferperez@deandigs.com, cell: 432.664.3166).

Sincerely,

Clizebath Stuart

Elizabeth Stuart Project Manager

Jennifer Perez, PG. Professional Geologist



Chemistry Table 1 - Confirmation Soil Samples Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil Plains Marketing, L.P. Matador Florence St-23 Release Lea County, NM

	SAMPLE INFORMATION					METHODS: EPA SW 846-8021B, 5030					METHOD: E 300 METHODS: EPA SW 846-8015M				
SAMPLE ID	SAMPLE DATE	SAMPLE DEPTH	SAMPLE METHOD	MATRIX	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL- BENZENE (mg/kg)	XYLENE (mg/kg)	Total BTEX (mg/kg)	CHLORIDES (mg/kg)	GRO (mg/kg)	DRO (mg/kg)	GRO +DRO (mg/kg)	ORO (mg/kg)	TOTAL TPH (mg/kg)
WSW @ 2.5 ft	01/31/22	2.5 ft	COMP	SOIL	<0.00109	<0.00109	<0.00109	<0.00217	<0.00109	147	<27.2	<27.2	<27.2	<27.2	<27.2
ESW @ 2.5 ft	01/31/22	2.5 ft	COMP	SOIL	<0.00109	<0.00109	<0.00109	<0.00217	<0.00109	15.1	<27.2	<27.2	<27.2	<27.2	<27.2
NMOCD Recom	NMOCD Recommended Remediation Action Level					-	-	-	50	20,000	-	-	1,000	-	2,500

Exceeds NMOCD Recommended RAL

Released to Imaging: 6/28/2022 1:57:37 PM

Received by OCD: 4/7/2022 3:00:34 PM Site Map Plains Marketing, LP Matador Florence 23 #202H Unit Letter N, T23S, R34E GPS: 32.284333, -103.443128 Lea County, New Mexico



1:282 0 0 0.01 0.01 0.01 n 0 0 0.01 0.02 km

Page 5 of 13

West Excavation

East Excavation

Esri, HERE, Garmin, (c) OpenStreetMap contributors, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community, U.S. Department of Energy Office of Legacy Management

Unofficial Online Map These maps are distributed "as is" without warranty of any kind.





Drafted: 10/7/2021 1 in = 10 ft

Drafted By: IJM

Matador Florence 23 #202H Plains Marketing, L.P. Unit Letter N. T23S, R34E, Lea County, NM 32.284333, -103.443128 Site Map





Drafted: 10/6/2021 1 in = 8 ft Drafted By: IJM Matador Florence 23 #202H Plains Marketing, L.P. Unit Letter N. T23S, R34E, Lea County, NM 32.284333, -103.443128 Site Map

Plains Pipeline Site: Matador Florence ST-23 #202H Date: January 31, 2022



Plains Pipeline Site: Matador Florence ST-23 #202H Date: January 31, 2022



Plains Pipeline Site: Matador Florence ST-23 #202H Date: January 31, 2022





New Mexico Office of the State Engineer Point of Diversion Summary

					· ·	ers are 1= rters are si			=SW 4=SE) gest)	,	3 UT	M in meters)		
Well Tag		D Num			Q64	Q16 Q4			•		Х	Y	_	
NA	CP	01120	POD)1	2	33	14 23	3S	34E	6463	66	3574753	9	
Driller Licer	nse:	1292		Drill	er Co	ompany	: BEN	TL	E WATE	R WEI	LL S	ERVICE		
Driller Name	e:	BENTL	E, Bl	LLY L.										
Drill Start D	ate:	01/09/2	2013	Drill	Fini	sh Date:	: C)4/	06/2013	Р	lug	Date:		
Log File Dat	te:	04/24/2	2013	PCV	V Rc	v Date:				S	our	ce:	Shallow	
Pump Type	:			Pipe) Dis	charge \$	Size:			E	stin	nated Yield	:	
Casing Size	: :	6.13		Dep	th W	ell:	З	97	7 feet	D	ept	h Water:	318 feet	
	Wate	r Bearin	g Str	atification	s:	Тор	Botton	n	Descrip	tion				
						0	2	C	Other/Ur	nknow	n			
						43	39	7	Sandsto	ne/Gra	avel/	Conglomera	ate	
		Cas	sing l	Perforatio	าร:	Тор	Botton	n						
						1	2	C						
						20	27	7						
						277	39	7						
I	Meter	Numbe	er:	18968	3		Meter	M	ake:	ę	SEA	METRICS		
I	Meter	Serial I	Numl	ber: 04201	8001	190	Meter	Μ	ultiplier:		1.0000			
I	Numb	per of Di	ials:	8			Meter	Ту	/pe:	I	Dive	rsion		
I	Unit c	of Meas	ure:	Barre	ls 42	gal.	Retur	n F	low Per	cent:				
l	Usag	e Multip	lier:				Readi	ng	Freque	ncy: I	Mon	thly 		
Meter Re	eadin	gs (in A	cre-F	Feet)										
Read	Date	Year	Mtr	Reading	Flag	g Rdr	Comm	nei	nt			Mtr /	Amount Onlin	
10/10/2	2020	2020		2320407	А	RP1	r initial r	ea	ading				0	
11/06/2	2020	2020		2504095	А	RPT	Г						23.676	
12/15/2	2020	2020		2504095	А	RPT	Г						0	
01/07/2	2021	2020		2830778	А	RP1	Г						42.107	
02/05/2		2021		3030795	А	RP1	Г						25.781	
11/04/2	2021	2021		4547922	А	ad	_						195.547	
**YTD	Mete	er Amou	nts:	Year		Amoun	t							
				2020		65.783	3							
				2021		221.328	3							

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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



Analytical Report

Prepared for:

Jeff Kindley Dean 12600 W County Rd 91 Midland, TX 79707

Project: Matador Florence St.-23 #202H Project Number: PP-22018 Location: Lea County, NM

Lab Order Number: 2A31010



Current Certification

Report Date: 02/01/22

Dean	Project: Matador Florence St23 #202H
12600 W County Rd 91	Project Number: PP-22018
Midland TX, 79707	Project Manager: Jeff Kindley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W.SW @ 2.5'	2A31010-01	Soil	01/31/22 09:30	01-31-2022 14:50
E.SW @ 2.5'	2A31010-02	Soil	01/31/22 10:00	01-31-2022 14:50

Dean	Project:	Matador Florence St23 #202H
12600 W County Rd 91	Project Number:	PP-22018
Midland TX, 79707	Project Manager:	Jeff Kindley

W.SW @ 2.5'

2A31010-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
						· · · · · · · · · · · · · · · · · · ·			
		Р	ermian B	asin Envi	ronmental L	ab, L.P.			
3TEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P2A3109	01/31/22 15:34	01/31/22 18:19	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P2A3109	01/31/22 15:34	01/31/22 18:19	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2A3109	01/31/22 15:34	01/31/22 18:19	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2A3109	01/31/22 15:34	01/31/22 18:19	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2A3109	01/31/22 15:34	01/31/22 18:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.5 %	80-120		P2A3109	01/31/22 15:34	01/31/22 18:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.9 %	80-120		P2A3109	01/31/22 15:34	01/31/22 18:19	EPA 8021B	
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
Chloride	147	1.09	mg/kg dry	1	P2A3108	01/31/22 15:00	02/01/22 00:29	EPA 300.0	
% Moisture	8.0	0.1	%	1	P2B0101	02/01/22 10:46	02/01/22 10:48	ASTM D2216	
Cotal Petroleum Hydrocarbons C6	5-C35 by EPA	Method	8015M						
C6-C12	ND	27.2	mg/kg dry	1	P2A3107	01/31/22 15:00	02/01/22 08:37	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P2A3107	01/31/22 15:00	02/01/22 08:37	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P2A3107	01/31/22 15:00	02/01/22 08:37	TPH 8015M	
Surrogate: 1-Chlorooctane		121 %	70-130		P2A3107	01/31/22 15:00	02/01/22 08:37	TPH 8015M	
Surrogate: o-Terphenyl		132 %	70-130		P2A3107	01/31/22 15:00	02/01/22 08:37	TPH 8015M	S-G
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/31/22 15:00	02/01/22 08:37	calc	

Dean 12600 W County Rd 91 Midland TX, 79707			5	t Number:	Matador Flor PP-22018 Jeff Kindley	ence St23 #202H			
				E.SW	@ 2.5' -02 (Soil)				
				2A31010	-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	0.00109	mg/kg dry	1	P2A3109	01/31/22 15:34	01/31/22 18:39	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P2A3109	01/31/22 15:34	01/31/22 18:39	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2A3109	01/31/22 15:34	01/31/22 18:39	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2A3109	01/31/22 15:34	01/31/22 18:39	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2A3109	01/31/22 15:34	01/31/22 18:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.4 %	80-120		P2A3109	01/31/22 15:34	01/31/22 18:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.7 %	80-120		P2A3109	01/31/22 15:34	01/31/22 18:39	EPA 8021B	
General Chemistry Parameters by	EPA / Stan	lard Met	hods						
Chloride	15.1	1.09	mg/kg dry	1	P2A3108	01/31/22 15:00	02/01/22 00:44	EPA 300.0	
% Moisture	8.0	0.1	%	1	P2B0101	02/01/22 10:46	02/01/22 10:48	ASTM D2216	
<u>Total Petroleum Hydrocarbons C6</u>	-C35 by EP.	A Method	8015M						
C6-C12	ND	27.2	mg/kg dry	1	P2A3107	01/31/22 15:00	02/01/22 08:58	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P2A3107	01/31/22 15:00	02/01/22 08:58	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P2A3107	01/31/22 15:00	02/01/22 08:58	TPH 8015M	
Surrogate: 1-Chlorooctane		123 %	70-130		P2A3107	01/31/22 15:00	02/01/22 08:58	TPH 8015M	
Surrogate: o-Terphenyl		134 %	70-130		P2A3107	01/31/22 15:00	02/01/22 08:58	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	01/31/22 15:00	02/01/22 08:58	calc	

Dean	Project: Matador Florence St23 #202H
12600 W County Rd 91	Project Number: PP-22018
Midland TX, 79707	Project Manager: Jeff Kindley

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Benzene ND 0.0010 mg/kg wet Iroluen ND 0.0010 " Iroluen ND 0.0010 " Kylene (pin) ND 0.0020 " Surrogate: 1,4-Difhuorobenzene 0.114 " 0.120 95.3 80-120 Surrogate: 1,4-Difhuorobenzene 0.114 " 0.120 89.3 80-120 Surrogate: 1,4-Difhuorobenzene 0.114 " 0.120 89.3 80-120 Surogate: 1,4-Difhuorobenzene 0.010 " 0.120 89.3 80-120 Surogate: 1,4-Difhuorobenzene 0.0894 0.0010 " 0.100 89.4 70-130 Eduzene 0.0883 0.0010 " 0.100 83.3 70-130 1 Skylene (pin) 0.137 0.0020 " 0.100 85.9 70-130 1 2 Surrogate: 1,4-Difhuorobenzene 0.123 " 0.120 102 80-120 2 2 2 2 2								0/D=-			
Barch P2A3109 - *** DEFAULT PREP *** Bank (P2A3109 - *** DEFAULT PREP *** Bink (P2A3109 - *** DEFAULT PREP *** ND 0.00100 " Filteme ND 0.00100 " Editylbenzene ND 0.00100 " Surrogatic 14-Difluorobenzene 0.114 " 0.120 83.3 80-120 Surrogatic 14-Difluorobenzene 0.114 " 0.120 89.3 80-120 ECS (P2A3109-BS1) Prepared & Analyzed: 01/31/22 Barzene 0.00894 0.00100 regards 4-Analyzed: 01/31/22 Benzene 0.0894 0.00100 regards 4-Analyzed: 01/31/22 Prepared & Analyzed: 01/31/22 Benzene 0.0894 0.00100 " 0.100 83.3 70-130 Strengatic 14-Difluorobenzene 0.132 " 0.120 10.2 40-120 Strengatic 14-Difluorobenzene 0.122 0.000	Analyte	Result		Units	-		%RFC		RPD		Notes
Blank (P2A3109-BLK1) Prepared & Analyzed: 01/31/22 Bearcenc ND 0.00100 "regkte view" Educence ND 0.00100 " Educence ND 0.00100 " Educence ND 0.00100 " Skrongdate: 1,4-Difluorobenzene 0.11/4 " 0.120 8.9.3 80-120 Skrongdate: 1,4-Difluorobenzene 0.11/4 " 0.120 8.9.3 80-120 LCS (P2A3109-BS1) Prepared & Analyzed: 01/31/22 Bernzene 0.0894 0.00100 " 0.100 89.4 70-130 Educane 0.0894 0.00100 " 0.100 83.0 70-130 Educane 0.0893 0.00100 " 0.100 85.9 70-130 Skrongdate: 1,4-Difluorobenzene 0.120 100 85.9 70-130 11 Skrongdate: 1,4-Difluorobenzene 0.122 " 0.120 102 80-120 Educane 0.0020	-	Trebuit		omo	20101	itesuit	, unde	Linito	Tu b		110000
Benzene ND 0.00100 mg/kg wet Fibleme ND 0.00100 " FiblyBenzene ND 0.00100 " Skylene (n) ND 0.00100 " Surrogate: 1.4-Diftuardbenzene 0.114 " 0.120 \$6.3 \$80-120 Surrogate: 4-Brandfluordbenzene 0.114 " 0.120 \$89.3 \$80-120 Surrogate: 4-Brandfluordbenzene 0.107 " 0.120 \$89.3 \$80-120 Surrogate: 4-Brandfluordbenzene 0.107 " 0.120 \$89.3 \$80-120 Surrogate: 4-Brandfluordbenzene 0.0883 0.00100 " 0.100 \$8.3 70-130 Februe 0.0930 0.00100 " 0.100 \$8.5 70-130 Surrogate: 4-Brandfluordbenzene 0.122 " 0.120 102 \$80-120 Surrogate: 4-Brandfluordbenzene 0.122 " 0.120 102 \$80-120 Surrogate: 4-Brandfluordbenzene 0.122 " 0.120											
Taluene ND 0.00100 " Ethylhenzene ND 0.00100 " Sylene (njm) ND 0.0000 " Surrogate: 1,4-Difluorobenzene 0.114 " 0.120 95.3 80-120 Surrogate: 4-Bromofluorobenzene 0.107 " 0.120 89.3 80-120 Edstylene (njm) 0.010 " 0.120 89.3 80-120 Edstylene (njm) 0.010 mster ethylene (njm) 89.4 70-130 1 Edstylene (njm) 0.0894 0.0010 " 0.100 89.4 70-130 1 Edstylene (njm) 0.187 0.0000 " 0.100 89.4 70-130 1 1 Svergate: 4-Bromofluorobenzene 0.122 " 0.120 89.2 70-130 1 2 Svergate: 4-Bromofluorobenzene 0.122 " 0.120 89.2 70-130 1 2 2 Svergate: 4-Bromofluorobenzene 0.122 0.100 10.0 10.0 10.1 2 2 2 2 2 2	Blank (P2A3109-BLK1)				Prepared &	Analyzed:	01/31/22				
Name ND 0.00100 " Sylene (p'm) ND 0.00100 " Sylene (p'm) ND 0.00100 " Surrogate: 1.4*Diftuorobenzene 0.114 " 0.120 83.3 80-120 Surrogate: 1.4*Diftuorobenzene 0.117 " 0.120 83.3 80-120 LCS (P2A3109-BS1) " 0.120 83.3 70-130 . Benzene 0.0883 0.00100 " 0.100 88.3 70-130 Kylene (p'm) 0.887 0.0000 " 0.100 88.3 70-130 Kylene (p'm) 0.887 0.0000 " 0.100 88.9 70-130 Sylene (p) 0.887 0.0000 " 0.100 88.9 70-130 Sylene (p'm) 0.887 0.0000 " 0.100 88.9 70-130 Sylene (p'm) 0.812 " 0.120 10.31 20 Sylene (p'm) 0.122 0.120	Benzene	ND	0.00100								
Ny ND 0.0020 " Kylene (o) ND 0.0010 " Surrogate: 1.4-Difluorobenzene 0.114 " 0.120 89.3 80-120 Surrogate: 1.4-Difluorobenzene 0.107 " 0.120 89.3 80-120 Surrogate: 1.4-Difluorobenzene 0.010 " 0.120 89.3 80-120 Surrogate: 1.4-Difluorobenzene 0.0894 0.0010 "Repared & Analyzeci 01/31/22 V 100 89.4 70-130 Benzene 0.0930 0.00100 " 0.100 89.6 70-130 V Sylene (p/m) 0.187 0.00200 " 0.100 85.9 70-130 V Surrogate: 1.4-Difluorobenzene 0.122 " 0.120 102 80-120 V Surrogate: 4.Bromofluorobenzene 0.122 " 0.120 100 10.1 10.1 20 Surrogate: 4.Bromofluorobenzene 0.122 0.00100 " 0.120 70-130 13.1 20	Toluene										
Kylen (o) ND 0.0010 " Surrogate: 1,4-Difluorobenzene 0.117 " 0.120 89.3 80-120 Surrogate: 4-Bromofluorobenzene 0.107 " 0.120 89.3 80-120 LCS (P2A3109-BS1) Prepared & Analyzed: 01/31/22 Benzene 0.0884 0.0010 " 0.100 88.3 70-130 Kylene (o) 0.0883 0.00100 " 0.100 88.3 70-130 Kylene (o) 0.0885 0.00100 " 0.100 85.9 70-130 Starogate: 1.4-Difluorobenzene 0.122 " 0.120 102 80-120 Starogate: 1.4-Difluorobenzene 0.023 70-130 13.1 20 50 Starogate: 1.4-Difluorobenzene 0.123 " 0.120 102 70-130 13.1 20 Starogate: 1.4-Difluorobenzene 0.102 0.0100 " 0.100 16.0 20 20 <	Ethylbenzene										
Antional and a strange of the strange of th	Xylene (p/m)										
Introgent: 1.10 3.13 001-10 Surrogate: 4.Bromofluorobenzene 0.107 " 0.120 89.3 80-120 LCS (P2.3109-BS1) Prepared & Analyzed: 013/1/22 80-120 1 1 Benzene 0.0884 0.00100 m/k gwet 0.100 88.3 70-130 1 Editylberizene 0.0930 0.00100 " 0.100 85.9 70-130 1 1 Svirogate: 1.60 9.3.0 " 0.100 85.9 70-130 1	Xylene (o)	ND	0.00100	"							
amogani: + 200 miglinorobenizent original version original version original version LCS (22,3109-BS1) Prepared & Analyzed: 01/31/22 Bearzene 0.0894 0.00100 mg/kg wet 0.100 &89.4 70-130 Ethylbenzene 0.0930 0.00100 " 0.100 93.0 70-130 Ethylbenzene 0.0930 0.00100 " 0.100 85.9 70-130 Surrogate: 4-Bromofluorobenzene 0.122 " 0.120 102 80-120 Surrogate: 1-4-Difluorobenzene 0.122 " 0.120 102 80-120 CLS Dup (P2A3109-BSD1) Prepared & Analyzed: 01/31/22 Version 80-120 12.6 20 Benzene 0.102 0.00100 mg/kg wet 0.100 100 10.12 20 Surrogate: 1-4-Difluorobenzene 0.100 0.00100 " 0.100 102 70-130 13.1 20 Surrogate: 1-4-Difluorobenzene 0.100 0.00100 " 0.100 106 70-130 13.0 20 Surrogate: 1-4-Difluorobenze	Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.3	80-120			
Benzene 0.0894 0.00100 mg/kg wet 0.100 89.4 70-130 Foluene 0.0883 0.00100 " 0.100 88.3 70-130 Ethylbenzene 0.0930 0.00100 " 0.100 93.6 70-130 Kylene (p/m) 0.187 0.00200 " 0.200 93.6 70-130 Surrogate: 4-Bromofluorobenzene 0.123 " 0.120 102 80-120 Surrogate: 1.4-Difluorobenzene 0.122 " 0.120 102 80-120 Surrogate: 1.4-Difluorobenzene 0.122 " 0.120 102 80-120 Surrogate: 1.4-Difluorobenzene 0.102 0.00100 " 0.100 102 80-120 Starrogate: 1.4-Difluorobenzene 0.102 0.00100 " 0.100 100 13.1 20 Closup (P2A3109-BSD1) Prepared & Analyzed: 01/31/22 20 13.0 20 22 20 Sylene (p'm) 0.212 0.00200 " 0.100 106 70-130 13.0 <td>Surrogate: 4-Bromofluorobenzene</td> <td>0.107</td> <td></td> <td>"</td> <td>0.120</td> <td></td> <td>89.3</td> <td>80-120</td> <td></td> <td></td> <td></td>	Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.3	80-120			
Toluene 0.0883 0.0010 " 0.100 88.3 70-130 Ethylbenzene 0.0930 0.00100 " 0.100 93.0 70-130 Kylene (p/m) 0.187 0.0020 " 0.200 93.6 70-130 Surrogate: 4.Bromofluorobenzene 0.123 " 0.120 102 80-120 Surrogate: 1.4-Difluorobenzene 0.122 " 0.120 102 80-120 EUS Dup (P2A3109-BSD1) Prepared & Analyzed: 0.173 13.1 20 Benzene 0.102 0.0010 " 0.100 100 70-130 13.1 20 Ethylbenzene 0.102 0.0010 " 0.100 100 70-130 13.0 20 Surrogate: 1.4-Difluorobenzene 0.102 0.0010 " 0.100 100 70-130 13.1 20 Surrogate: 1.4-Difluorobenzene 0.102 0.0010 " 0.100 100 70-130 13.2 20 Surrogate: 1.4-Difluorobenzene 0.102 0.102 80	LCS (P2A3109-BS1)				Prepared &	Analyzed:	01/31/22				
Nature 0.0000 0.100 0.100 0.000 0.100 0.000 0.000 0.000 93.0 70-130 Xylene (p/m) 0.187 0.00200 " 0.200 93.6 70-130 Surrogate: 4-Bromofluorobenzene 0.123 " 0.120 102 80-120 Surrogate: 1,4-Difluorobenzene 0.122 " 0.120 102 80-120 LCS Dup (P2A3109-BSD1) Prepared & Analyzed: 01/31/22 " 0.100 102 70-130 13.1 20 Foluene 0.100 0.00100 " 0.100 100 70-130 13.0 20 Ethylbenzene 0.102 0.00100 " 0.100 100 70-130 13.0 20 Stylene (p/m) 0.212 0.00100 " 0.100 106 70-130 13.0 20 Sturrogate: 1,4-Difluorobenzene 0.102 0.00100 " 0.100 106 70-130 13.0 20 Sturrogate: 4.Bromofluorobenzene 0.122 0.00100 " 0.120 103 80-120 20 <t< td=""><td>Benzene</td><td>0.0894</td><td>0.00100</td><td>mg/kg wet</td><td>0.100</td><td></td><td>89.4</td><td>70-130</td><td></td><td></td><td></td></t<>	Benzene	0.0894	0.00100	mg/kg wet	0.100		89.4	70-130			
Anifediate 0.0000 0.100 0.100 0.100 0.100 Kylene (p/m) 0.187 0.00200 " 0.200 93.6 70-130 Kylene (o) 0.0859 0.0010 " 0.102 80-120 80-120 Surrogate: 1,4-Difluorobenzene 0.122 " 0.120 102 80-120 LCS Dup (P2A3109-BSD1) Prepared & Analyzed: 01/31/22 80-120 13.1 20 Benzene 0.102 0.0010 mg/kg wet 0.100 100 70-130 13.2 20 Foluene 0.100 0.00100 " 0.100 100 70-130 13.0 20 Kylene (p/m) 0.212 0.00200 " 0.100 106 70-130 13.0 20 Kylene (o) 0.0967 0.0010 " 0.100 106 70-130 12.2 20 Kylene (o) 0.0967 0.0100 " 0.100 96.7 70-130 13.8 20 Surrogate: 1,4-Difluorobenzene 0.122 " 0.120 102 80-120 20 <	Toluene	0.0883	0.00100	"	0.100		88.3	70-130			
Nylene (o) 0.0859 0.0010 " 0.100 85.9 70-130 Surrogate: 4.Bromofluorobenzene 0.123 " 0.120 102 80-120 Surrogate: 1,4-Difluorobenzene 0.122 " 0.120 102 80-120 LCS Dup (P2A3109-BSD1) Prepared & Analyzed: 01/31/22 80-120 13.1 20 Foluene 0.100 0.00100 mg/kg wet 0.100 102 70-130 13.1 20 Foluene 0.100 0.00100 " 0.100 100 70-130 12.6 20 Skylene (p/m) 0.212 0.00200 " 0.200 106 70-130 13.0 20 Skylene (o) 0.0967 0.00100 " 0.100 96.7 70-130 11.8 20 Surrogate: 1,4-Difluorobenzene 0.122 " 0.120 103 80-120 Surrogate: 1,4-Difluorobenzene 0.122 " 0.120 102 80-120 Surogate: 1,4-Difluorobenzene 0.000 <td>Ethylbenzene</td> <td>0.0930</td> <td>0.00100</td> <td>"</td> <td>0.100</td> <td></td> <td>93.0</td> <td>70-130</td> <td></td> <td></td> <td></td>	Ethylbenzene	0.0930	0.00100	"	0.100		93.0	70-130			
Kylen (b) 0.0000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0000 0.0000 0.000000	Xylene (p/m)	0.187	0.00200	"	0.200		93.6	70-130			
Mintogate: 0.123 " 0.120 102 80-120 Surragate: 1.4-Diffuorobenzene 0.122 " 0.120 102 80-120 LCS Dup (P2A3109-BSD1) Prepared & Analyzed: 01/31/22 20 Benzene 0.100 0.00100 " 0.100 100 70-130 13.1 20 Foluene 0.100 0.00100 " 0.100 100 70-130 13.0 20 Ethylbenzene 0.106 0.00100 " 0.100 106 70-130 12.2 20 Xylene (p/m) 0.212 0.00200 " 0.200 106 70-130 12.2 20 Surragate: 4.Bromofluorobenzene 0.212 0.00200 " 0.200 106 70-130 11.8 20 Surragate: 1.4-Difluorobenzene 0.122 " 0.120 103 80-120 20 Surragate: 1.4-Difluorobenzene 0.122 " 0.120 103 80-120 20 Calibration Blank (P2A3109-CCB1) Prepared & Analyzed: 01/31/22 <td>Xylene (o)</td> <td>0.0859</td> <td>0.00100</td> <td>"</td> <td>0.100</td> <td></td> <td>85.9</td> <td>70-130</td> <td></td> <td></td> <td></td>	Xylene (o)	0.0859	0.00100	"	0.100		85.9	70-130			
Introduct 1,4-Difluorobenzene 0.122 Prepared & Analyzed: 01/31/22 LCS Dup (P2A3109-BSD1) Prepared & Analyzed: 01/31/22 Benzene 0.102 0.00100 mg/kg wet 0.100 102 70-130 13.1 20 Foluene 0.100 0.0010 " 0.100 100 70-130 13.1 20 Ethylbenzene 0.106 0.0010 " 0.100 106 70-130 13.0 20 Kylene (p/m) 0.212 0.0020 " 0.200 106 70-130 13.0 20 Surrogate: 1,4-Difluorobenzene 0.123 " 0.120 103 80-120 ************************************	Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Benzene 0.102 0.00100 mg/kg wet 0.100 102 70-130 13.1 20 Foluene 0.100 0.00100 " 0.100 100 70-130 12.6 20 Ethylbenzene 0.106 0.00100 " 0.100 106 70-130 13.0 20 Kylene (p/m) 0.212 0.00200 " 0.200 106 70-130 12.2 20 Surgate: 4.Bromofluorobenzene 0.123 " 0.100 96.7 70-130 11.8 20 Surgate: 1.4-Difluorobenzene 0.122 " 0.120 103 80-120 Calibration Blank (P2A3109-CCB1) Prepared & Analyzed: 01/31/22 80-120 11.8 20 Benzene 0.00 " " 0.120 103 80-120 12.5 11.8 20 Calibration Blank (P2A3109-CCB1) mg/kg wet " 0.120 102 80-120 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5	Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			
Toluene 0.100 0.00100 " 0.100 100 70-130 12.6 20 Ethylbenzene 0.106 0.00100 " 0.100 106 70-130 13.0 20 Xylene (p/m) 0.212 0.00200 " 0.200 106 70-130 12.2 20 Surrogate: 4-Bromofluorobenzene 0.123 " 0.100 96.7 70-130 11.8 20 Surrogate: 1,4-Difluorobenzene 0.122 " 0.120 103 80-120 -	LCS Dup (P2A3109-BSD1)				Prepared &	Analyzed:	01/31/22				
Knick6.1006.001006.001006.1006.10010010012.012.0Ethylbenzene0.1060.001000.0000.00010670-13013.020Xylene (o)0.09670.001000.20010670-13011.820Surrogate: 4-Bromofluorobenzene0.123"0.12010380-120Surrogate: 1,4-Difluorobenzene0.122"0.12010280-120Calibration Blank (P2A3109-CCB1)Prepared & Analyzed: 01/31/22VVVBenzene0.00"VVVVToluene0.00"VVVVKylene (p/m)0.00"VVVVSurrogate: 4-Bromofluorobenzene0.00"VVVSurrogate: 1,4-Difluorobenzene0.00mg/kg wetVVVSurrogate: 1,4-Difluorobenzene0.00"VVVSurrogate: 1,4-Difluorobenzene0.00"VVVSurrogate: 1,4-Difluorobenzene0.00"VVVSurrogate: 1,4-Difluorobenzene0.00"VVVSurrogate: 1,4-Difluorobenzene0.00"VVVSurrogate: 1,4-Difluorobenzene0.00"VVVSurrogate: 1,4-Difluorobenzene0.00"VVVSurrogate: 1,4-Difluorobenzene0.00"VVV	Benzene	0.102	0.00100	mg/kg wet	0.100		102	70-130	13.1	20	
Kaylene (p/m) 0.212 0.00200 " 0.200 106 70-130 12.2 20 Xylene (o) 0.0967 0.00100 " 0.100 96.7 70-130 11.8 20 Surrogate: 4-Bromofluorobenzene 0.123 " 0.120 103 80-120	Toluene	0.100	0.00100	"	0.100		100	70-130	12.6	20	
Nyleic (pm) 0.112 0.000 0.000 0.000 100 100 100 112.2 20 Xylene (o) 0.0967 0.00100 " 0.100 96.7 70-130 11.8 20 Surrogate: 4-Bromofluorobenzene 0.123 " 0.120 103 80-120 102 80-120 Calibration Blank (P2A3109-CCB1) Prepared & Analyzed: 01/31/22 " 0.120 102 80-120 Benzene 0.00 mg/kg wet " <th"< th=""> " "</th"<>	Ethylbenzene	0.106	0.00100	"	0.100		106	70-130	13.0	20	
Surrogate: 4-Bromofluorobenzene 0.123 " 0.120 103 80-120 Surrogate: 1,4-Difluorobenzene 0.122 " 0.120 102 80-120 Calibration Blank (P2A3109-CCB1) Prepared & Analyzed: 01/31/22 Benzene 0.00 mg/kg wet Toluene 0.00 " Ethylbenzene 0.00 " Xylene (p/m) 0.00 " Xylene (o) 0.00 " Surrogate: 4-Bromofluorobenzene 0.109 " 0.120 90.6 80-120	Xylene (p/m)	0.212	0.00200	"	0.200		106	70-130	12.2	20	
Surrogate: 1,4-Difluorobenzene 0.122 " 0.120 102 80-120 Calibration Blank (P2A3109-CCB1) Prepared & Analyzed: 01/31/22 Prepared & Analyzed: 01/31/22 Benzene 0.00 mg/kg wet Toluene 0.00 " Ethylbenzene 0.00 "	Xylene (o)	0.0967	0.00100	"	0.100		96.7	70-130	11.8	20	
Marlogate: 1,4-Dynaorobenzene 0.122 0.120 102 004720 Calibration Blank (P2A3109-CCB1) Prepared & Analyzed: 01/31/22 Benzene 0.00 mg/kg wet Toluene 0.00 " Ethylbenzene 0.00 " Xylene (p/m) 0.00 " Surrogate: 4-Bromofluorobenzene 0.109 " Surrogate: 4-Bromofluorobenzene 0.120 90.6 80-120	Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
Benzene 0.00 mg/kg wet Toluene 0.00 " Ethylbenzene 0.00 " Xylene (p/m) 0.00 " Xylene (o) 0.00 " Surrogate: 4-Bromofluorobenzene 0.109 " 90.6 80-120	Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			
Benzene 0.00 mg/kg wet Toluene 0.00 " Ethylbenzene 0.00 " Xylene (p/m) 0.00 " Xylene (o) 0.00 " Surrogate: 4-Bromofluorobenzene 0.109 " 90.6 80-120	Calibration Blank (P2A3109-CCB1)				Prepared &	Analyzed:	01/31/22				
Indele 0.00 " Ethylbenzene 0.00 " Xylene (p/m) 0.00 " Xylene (o) 0.00 " Surrogate: 4-Bromofluorobenzene 0.109 " 0.120 90.6 80-120	Benzene	0.00		mg/kg wet	-	-					
Entynenzene 0.00 Xylene (p/m) 0.00 Xylene (o) 0.00 Surrogate: 4-Bromofluorobenzene 0.109 " 0.120	Toluene	0.00									
Xylene (o) 0.00 " Surrogate: 4-Bromofluorobenzene 0.109 " 0.120 90.6 80-120	Ethylbenzene	0.00									
Surrogate: 4-Bromofluorobenzene 0.109 " 0.120 90.6 80-120	Xylene (p/m)	0.00		"							
	Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene 0,114 " 0,120 95,2 80-120	Surrogate: 4-Bromofluorobenzene	0.109		"	0.120		90.6	80-120			
	Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	80-120			

Permian Basin Environmental Lab, L.P.

Dean	Project: Matador Florence St23 #202	Н
12600 W County Rd 91	Project Number: PP-22018	
Midland TX, 79707	Project Manager: Jeff Kindley	

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

	D k	Reporting	TT '4	Spike	Source	N/DEC	%REC	DDD	RPD	NT (
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2A3109 - *** DEFAULT PREP ***										
Calibration Blank (P2A3109-CCB2)				Prepared &	Analyzed:	01/31/22				
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.120		"							
Xylene (p/m)	0.430		"							
Xylene (o)	0.140		"							
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.5	80-120			
Calibration Check (P2A3109-CCV1)				Prepared &	Analyzed:	01/31/22				
Benzene	0.0967	0.00100	mg/kg wet	0.100		96.7	80-120			
Toluene	0.0956	0.00100	"	0.100		95.6	80-120			
Ethylbenzene	0.0943	0.00100	"	0.100		94.3	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0929	0.00100	"	0.100		92.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.8	75-125			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.2	75-125			
Calibration Check (P2A3109-CCV2)				Prepared &	Analyzed:	01/31/22				
Benzene	0.110	0.00100	mg/kg wet	0.100		110	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.105	0.00100	"	0.100		105	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		111	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	75-125			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	75-125			
Matrix Spike (P2A3109-MS1)	Sou	rce: 2A3101()-01	Prepared &	Analyzed:	01/31/22				
Benzene	0.0967	0.00109	mg/kg dry	0.109	ND	88.9	80-120			
Toluene	0.0911	0.00109	"	0.109	ND	83.8	80-120			
Ethylbenzene	0.0919	0.00109	"	0.109	ND	84.5	80-120			
Xylene (p/m)	0.182	0.00217	"	0.217	ND	83.5	80-120			
Xylene (o)	0.0838	0.00109	"	0.109	ND	77.1	80-120			QM-
Surrogate: 1,4-Difluorobenzene	0.135		"	0.130		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.136		"	0.130		104	80-120			

Permian Basin Environmental Lab, L.P.

Dean	Project: Matador Florence St23 #202H
12600 W County Rd 91	Project Number: PP-22018
Midland TX, 79707	Project Manager: Jeff Kindley

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 P2A3109 - *** DEFAULT PREP ***

Matrix Spike Dup (P2A3109-MSD1)	(P2A3109-MSD1) Source: 2A31010-01		Prepared &	Analyzed:	01/31/22					
Benzene	0.0976	0.00109	mg/kg dry	0.109	ND	89.8	80-120	0.929	20	
Toluene	0.0925	0.00109	"	0.109	ND	85.1	80-120	1.49	20	
Ethylbenzene	0.0935	0.00109	"	0.109	ND	86.0	80-120	1.69	20	
Xylene (p/m)	0.184	0.00217	"	0.217	ND	84.8	80-120	1.53	20	
Xylene (o)	0.0837	0.00109	"	0.109	ND	77.0	80-120	0.0908	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.134		"	0.130		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.133		"	0.130		102	80-120			

Permian Basin Environmental Lab, L.P.

Dean	Project: Matador Florence St23 #202H
12600 W County Rd 91	Project Number: PP-22018
Midland TX, 79707	Project Manager: Jeff Kindley

General Chemistry Parameters by EPA / Standard Methods - 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 P2A3108 - *** DEFAULT PREP ***										
Blank (P2A3108-BLK1)				Prepared &	Analyzed:	01/31/22				
Chloride	ND	1.00	mg/kg wet							
LCS (P2A3108-BS1)				Prepared &	Analyzed:	01/31/22				
Chloride	41.8		mg/kg	40.0		104	90-110			
LCS Dup (P2A3108-BSD1)				Prepared &	Analyzed:	01/31/22				
Chloride	43.8		mg/kg	40.0		109	90-110	4.72	10	
Calibration Blank (P2A3108-CCB1)				Prepared &	Analyzed:	01/31/22				
Chloride	0.270		mg/kg wet							
Calibration Blank (P2A3108-CCB2)				Prepared &	Analyzed:	01/31/22				
Chloride	0.297		mg/kg wet							
Calibration Check (P2A3108-CCV1)				Prepared &	Analyzed:	01/31/22				
Chloride	21.4		mg/kg	20.0		107	90-110			
Calibration Check (P2A3108-CCV2)				Prepared &	Analyzed:	01/31/22				
Chloride	21.0		mg/kg	20.0		105	90-110			
Calibration Check (P2A3108-CCV3)				Prepared: (01/31/22 Ai	nalyzed: 02	/01/22			
Chloride	21.3		mg/kg	20.0		106	90-110			
Matrix Spike (P2A3108-MS1)	Sou	irce: 2A28001	1-02	Prepared &	Analyzed:	01/31/22				
Chloride	3170	10.6	mg/kg dry	532	2470	131	80-120			QM-05
Matrix Spike (P2A3108-MS2)	Sou	rce: 2A31008	3-02	Prepared &	Analyzed:	01/31/22				
Chloride	5540		mg/kg dry	588	4660	150	80-120			QM-05

Permian Basin Environmental Lab, L.P.

Dean	Project:	Matador Florence St23 #202H
12600 W County Rd 91	Project Number:	PP-22018
Midland TX, 79707	Project Manager:	Jeff Kindley

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian	Basin	Environmental I	Lab, L.P.
---------	-------	------------------------	-----------

		Denertine		C. i.e.	S		0/DEC		RPD	
A 1.4	D I	Reporting	TT '4	Spike	Source	0/DEC	%REC	DDD		NT (
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P2A3108 - *** DEFAULT PREP ***										
Matrix Spike Dup (P2A3108-MSD1)	Sour	ce: 2A28001	-02	Prepared &	& Analyzed:	01/31/22				
Chloride	3050	10.6	mg/kg dry	532	2470	109	80-120	3.84	20	
Matrix Spike Dup (P2A3108-MSD2)	Source: 2A31008-02		Prepared & Analyzed: 01/31/22							
Chloride	5500	11.8	mg/kg dry	588	4660	143	80-120	0.646	20	QM-0
Batch P2B0101 - *** DEFAULT PREP ***										
Blank (P2B0101-BLK1)				Prepared &	& Analyzed:	02/01/22				
% Moisture	ND	0.1	%							
Duplicate (P2B0101-DUP1)	Sour	ce: 2A31007	-03	Prepared &	k Analyzed:	02/01/22				
% Moisture	5.0	0.1	%		5.0			0.00	20	

Dean	Project: Matador Florence St23 #202H
12600 W County Rd 91	Project Number: PP-22018
Midland TX, 79707	Project Manager: Jeff Kindley

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
-	100000	Lint	0	20.01	itosuit	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2	10.0		
Batch P2A3107 - *** DEFAULT PREP ***										
Blank (P2A3107-BLK1)				Prepared: (01/31/22 Ai	nalyzed: 02	/01/22			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	66.0		"	50.0		132	70-130			S-GC
LCS (P2A3107-BS1)				Prepared: (01/31/22 Ai	nalyzed: 02	/01/22			
C6-C12	970	25.0	mg/kg wet	1000		97.0	75-125			
>C12-C28	1060	25.0	"	1000		106	75-125			
Surrogate: 1-Chlorooctane	133		"	120		111	70-130			
Surrogate: o-Terphenyl	75.6		"	60.0		126	70-130			
LCS Dup (P2A3107-BSD1)				Prepared: (01/31/22 Ai	nalyzed: 02	/01/22			
C6-C12	904	25.0	mg/kg wet	1000		90.4	75-125	7.07	20	
>C12-C28	964	25.0	"	1000		96.4	75-125	9.43	20	
Surrogate: 1-Chlorooctane	121		"	120		101	70-130			
Surrogate: o-Terphenyl	62.1		"	60.0		104	70-130			
Calibration Check (P2A3107-CCV1)				Prepared: (01/31/22 Ai	nalyzed: 02	/01/22			
C6-C12	630	25.0	mg/kg wet	600		105	85-115			
>C12-C28	588	25.0		600		98.0	85-115			
Surrogate: 1-Chlorooctane	139		"	120		116	70-130			
Surrogate: o-Terphenyl	65.5		"	60.0		109	70-130			
Calibration Check (P2A3107-CCV2)				Prepared: (01/31/22 Ai	nalyzed: 02	/01/22			
C6-C12	582	25.0	mg/kg wet	600		97.1	85-115			
>C12-C28	568	25.0		600		94.6	85-115			
Surrogate: 1-Chlorooctane	126		"	120		105	70-130			
Surrogate: o-Terphenyl	68.0		"	60.0		113	70-130			

Permian Basin Environmental Lab, L.P.

Dean	Project: Mata	ador Florence St23 #202H
12600 W County Rd 91	Project Number: PP-2	22018
Midland TX, 79707	Project Manager: Jeff	Kindley

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 P2A3107 - *** DEFAULT PREP ***										
Calibration Check (P2A3107-CCV3)				Prepared: (01/31/22 A	nalyzed: 02	/01/22			
C6-C12	619	25.0	mg/kg wet	600		103	85-115			
>C12-C28	602	25.0	"	600		100	85-115			
Surrogate: 1-Chlorooctane	121		"	120		101	70-130			
Surrogate: o-Terphenyl	67.0		"	60.0		112	70-130			
Duplicate (P2A3107-DUP1)	Sour	ce: 2A31010	0-02	Prepared: (01/31/22 A	nalyzed: 02	/01/22			
C6-C12	10.6	27.2	mg/kg dry		ND				20	
>C12-C28	13.9	27.2	"		15.3			9.01	20	
Surrogate: 1-Chlorooctane	131		"	109		120	70-130			
Surrogate: o-Terphenyl	72.3		"	54.3		133	70-130			S

Permian Basin Environmental Lab, L.P.

Dean	Project:	Matador Florence St23 #202H
12600 W County Rd 91	Project Number: 1	PP-22018
Midland TX, 79707	Project Manager: .	Jeff Kindley

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
ROI	Received on Ice
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 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:

Sun Barron

Date: 2/1/2022

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

Dean	Project:	Matador Florence St23 #202H
12600 W County Rd 91	Project Number:	PP-22018
Midland TX, 79707	Project Manager:	Jeff Kindley

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.

Relinquished by:	Relinquished by:	Reingeis		22 3:0 special								LAB # (lab use only)	ORDER #:	(lab use only)						Page 25
hed by:	hed by:	n A		special instructions:						ESW @ 2.54	Q	FIELD CODE	# 2A31010	(Vinc	Sampler Signature:	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:
Date	/ Date	1/31/2022	0.5							+	Ŧ	Op m			Chelsie Fr	432-230-0920	Midland TX 79707	12600 WCR 91	Dean	CHAIN OF CL Jeff Kindley
						Ħ	Î	T		2.50	2.54	Beginning Depth]		Fortson	20	9707	91		SUSTOL
Time	Time	a:so pm			T				T	2.54		Ending Depth			ľ			ŀ		IV RECO
Received by:	Received by:		Boostind but							+ 1/31/2022	- 1 31 2027	Date Sampled								CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Perm 1400 Midla Jeff Kindley
Bladno							:			10:00 Am	9:36 Am	Time Sampled			e-mail:	Fax No:				LYSIS REQU
			Ľ		-	+		++	++	-	-	Field Filtered	19	1	2. 顶	1				NEST Permian Basin Environmental Lab, LP 1400 Rankin Hwy Midland, Texas 79701
					1.1			++		X	X	lce	Preservation & # of Containers	kaylanlunges(d)deanequip.com	jejikindley@deandigs.com					an Ba Rank nd, T
							1-					HNO3 250 mt Poiy	Preservation & # of Containers	lans	liey(in H exas
					-		-	++		-		HCI	vatio	89(0	anva 19					envir wy 79
		5			-			++	++	+	+	H ₂ SO ₄ NaOH	n�	ides -						vironm y 79701
					-	++	+	++	++	+	+	Na ₂ S ₂ O ₃	of Cor	nec	18.0					enta
~	-	-	1		-	++	1		++	+		None 1L Poly	IGS.5	dip.c	Dim			1		Lab
Date	Date	Dale									11	NaOH/ZnAc	s Int	ILLO	1000	1				Ę
h/ eea	đ	ā	to T							Soil	Soil	DW=Drinking Water SL≍Sludge GW⊐ Groundwater S⊐Soll/Soll NP=Non-Potable Specify Oth	Matrix		-21	Report Format:		7		Pro
Time	Time		Time		E							TPH TX1005 EXT (TEX	AS)		n	For		roje	Pro	oject
	1	1	1	< 10	-		1	+	++	×	×	BTEX 8021 B TCLP BENZENE	_	-	JenniferPerez @ dendia	nat:	PO#	Project Loc:	Project #:	Project Name:
Temp Recei	bamp	Justo	akal	amp	-	+			+	-		CHLORIDES		-	ere	×	Ŧ	n I		
Temperature Upon Receipt: Received: 1,3 °C Adjusted: 8,3 °C1	Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS	Custody seals on cooler(s) Custody seals on cooler(s)	abole on containar(e)	Laboratory comments. Sample Containers Intact? VOCs Free of Headspace?	-	++	-	++		×	Ê	TCLP METALS		-	20	F	20	5	PP-22018	nat
and and	npler, nier?	pals o	C CL I	y vo yritalit	5-					-		NORM		-	de	Standard	2020-043	B	2	Pho
pon	Clier/	on co	inori	hers			1					PAINT FILTER			Analyze	rd	0	6	100	Y 1
Rece	ups	oler((c)	Intac								TOX			iss.	۰ ب	43	Ba Country		432
°°R	~ ~	ier(s) s)	all and	3 3	L		-		1	-		RCI		_	. Com		1	4	Reicaya	Phone: 432-686-723 Matador Florence
C Factor L	PHL		11.23		F	++		++	++	-	-	PH	VICO	-	3	TRRP	An	T	1	Phone: 432-686-7235 ador Florence S
Σ^{T}		3	10-1		-			+		X	×	TPH 8015 M (NEW ME	100)	-		0	Amber	NM	1	\$ · ·
	FedEx	**	< ~	P	-		1		++			1		-						- 23
	1		1	Ø	F		1	++	++		1			-		I NPDES	Groves	1	1	* ~
	N N Lone Star	zzz	zz	z	Г			TT	TT			7 Day TAT]	DES	5	1		a 1
	4		1	12	T	IT	-11		IT	X	X	24 hour TAT	-	-				1		Page 14 of

Released to Imaging: 6/28/2022 1:57:37 PM



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



DOC #: PBEL_SAMPLE_CHECKLIST



Remediation and Closure Report

Matador Florence St. 23 #202H Lea County, New Mexico Incident # NRM2012560155

Prepared For:

Plains Marketing, L.P. 577 US HWY 385 N Seminole, TX 79360

Prepared By:

TALON/LPE 408 West Texas Avenue Artesia, New Mexico 88210

October 07, 2021

•

TABLE OF CONTENTS

	1
II. INCIDENT DESCRIPTION AND SITE INFORMATION	1
V. SITE ASSESSMENT AND EXCAVATION ACTIVITIES	
VI. REMEDIAL SUMMARY	7
VII. FIGURES & APPENDICES	9
	•••••••••••••••••••••••••••••••••••••••
Appendix I – Site Maps Appendix II – Soil Survey, Groundwater Data, & FEMA Flood Map	9
Appendix I – Site Maps Appendix II – Soil Survey, Groundwater Data, & FEMA Flood Map Appendix III – Initial C-141, NMOCD Correspondence Appendix IV - Site Photograph Documentation Appendix V - Disposal Manifests	



NMOCD District I 1625 N. French Drive Hobbs, New Mexico 88240 Mr. Ryan Mann **New Mexico State Land Office** 914 North Linam Street Hobbs, New Mexico 88240

Subject: Remediation and Closure Report Matador Florence St. 23 #202H Unit Letter N, Section 23, Township 23S, Range 34E Lea County, New Mexico 32.284333, -103.443128 Incident # NRM2012560155

Plains Marketing, L.P., (Plains) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above-referenced location. The results of our site assessment, remediation activities and closure request are contained herein.

Incident Description

On May 01, 2020, approximately 6.63 barrels (bbls) of crude oil were released when oil was pumped against a closed valve on a loadout causing the hose to rupture. The release was limited to the caliche well pad, at two separate areas. The impacted area in the vicinity of the loadout initially measured approximately 20' x 8'. The impacted area near the tanker truck was estimated at 30' x 30'. No fluids were recovered. A site map illustrating this incident is presented in Appendix I. An initial C-141 was submitted on May 04, 2020. The incident number assigned for this release by NMOCD is NRM2012560155.

Site Information

The Matador Florence St. 23 #202H is located approximately 18 miles southwest of Eunice, New Mexico, on New Mexico State Trust Land. The legal location for this release is Unit Letter N, Section 23, Township 23 South and Range 34 East in Lea County, New Mexico. More specifically the latitude and longitude for the release are 32.284333 North and -103.443128 West.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Simona fine sandy loam, with 0 to 3 percent slopes. The referenced soil data is attached in Appendix II. The local surface and shallow geology are middle to lower Pleistocene in age and comprised of eolian deposits derived from sedimentary rock. Drainage courses in this area are typically dry. Research conducted of the BLM mapping database indicates that the project site is not located in a high Karst potential area (Appendix I).

Page **1** of **8**

Groundwater and Site Characterization

The New Mexico Office of the State Engineer (NMOSE) web site indicates that the nearest reported depth to groundwater is 265-feet below ground surface (BGS), less than ½ mile from the site. Further research of the NMOSE database has (2) Point of Diversion summaries with drill finish dates of 1980 and 2013, respectively. The depth to water in these wells is recorded at 295' BGS and 318' BGS. Research of the United States Geological Survey (USGS) database has well data within 0.5-mile radius supporting the depth to groundwater at 235' BGS. The referenced groundwater data is presented in Appendix II.

If a release occurs within the following areas, the responsible party must treat the release as if it occurred less than 50 feet to the groundwater in Table I, New Mexico Oil Conservation Division (NMOCD) Rule 19.15.29, NMAC.

Approximate Depth to	Groundwater	265 Feet/BGS
□Yes ⊠No	Within 300 feet of any continuously flowing wat any other significant watercourse	ercourse or
□Yes ⊠No	Within 200 feet of any lakebed, sinkhole, or a p	olaya lake
□Yes ⊠No	Within 300 feet from an occupied permanent reschool, hospital, institution, or church	esidence,
□Yes ⊠No	Within 500 feet of a spring or a private, domest well used by less than five households for dom watering purposes	
□Yes ⊠No	Within 1000 feet of any freshwater well or sprin	g
□Yes ⊠No	Within incorporated municipal boundaries or wi municipal freshwater well field covered under a ordinance adopted pursuant to Section 3-2703	municipal
□Yes ⊠No	Within 300 feet of a wetland	
□Yes ⊠No	Within the area overlying a subsurface mine	
□Yes ⊠No	Within an unstable area	
□Yes ⊠No	Within a 100-year floodplain	

As this incident occurred in an area with a depth to groundwater of greater than 100-feet BGS, the closure criteria for this site is as follows:

		ble I s Impacted by a Release	
Minimum depth of the release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
>100 feet	Chloride	EPA 300.0 or SM4500 CI B	20,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Site Assessment and Excavation Activities

On May 7 and 8, 2020, Talon mobilized personnel to begin initial delineation of both impacted areas, referenced as west and east excavations respectively. The two areas of impact were mapped and photographed. Photo documentation is referenced in Appendix IV. A PID Meter and field chloride titration data were utilized to guide initial sampling and excavation activities. Grab soil samples were obtained at depths of approximately 1.5-feet BGS with a backhoe. Analytical results from our initial sampling events are presented in the following Data Table 1. Initial site assessment sampling locations are also illustrated on the site map in Appendix I. Complete laboratory reports can be found in Appendix VI. Pursuant to NMOCD guidelines, confirmation soil samples were collected from 200 sq. ft. intervals.

All soil samples were properly packaged in laboratory provided glassware, preserved, and transported to Permian Basin Environmental Lab in Midland, Texas, for analyses of the following constituencies: Total Chlorides (EPA Method 300.0), Total Petroleum Hydrocarbons (TPH via EPA Method 8015M), Benzene, Toluene, Ethylbenzene and Xylenes (BTEX via EPA Method 8021B).

As noted in the incident description, the release occurred on the well pad in two (2) separate areas; at the load out (west excavation) and where the tanker truck was parked (east excavation). These areas are illustrated on the site map (Appendix I), and in the attached photo documentation (Appendix IV).

Analytical analyses of the samples collected during the initial site delineation of the eastern excavation (at 1.5-feet deep) indicated the following exceedances of NMOCD closure criteria: S-1, 2,677 mg/kg TPH; S-2, 6,049 mg/kg TPH; and S-3 at 8,079 mg/kg TPH. Analytical testing of the side walls of the eastern excavation yielded the following results: N. SW (north side wall) 2,145.6 mg/kg TPH; S. SW at 6,142 mg/kg TPH; E. SW at 10,270 mg/kg; and W. SW at 6,056 mg/kg TPH.

Initial delineation samples collected from the western excavation (at 1.5-feet deep) indicated the following exceedances of NMOCD closure criteria: S-4, 4,880 mg/kg TPH; S. SW-2 (south side wall, excavation 2) 8,613 mg/kg TPH; E. SW-2, 1,508.1 mg/kg GRO/DRO; and W. SW-2, 1,628.2 mg/kg GRO/DRO.

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg	Field Titrations	Field PID
	able 1 Closui 9.15.29 NMA		50 mg/kg	10 mg/kg		combined = mg/kg		2500 mg/kg	20,000 mg/kg	Chlorides	трн
S-1	5/7/2020	1'	1.564	ND	47.2	351	54.3	452.5	26.5	35.45	1370 PPM
2-1	5/ 7/ 2020	1.5'R	1.503	ND	158	2170	349	2677	89.8		
S-2	5/7/2020	1.5'R	6.269	ND	419	4790	840	6049	178		
S-3	5/7/2020	1.5'R	6.5738	0.0238	629	6350	1100	8079	54.1		
S-4	5/8/2020	1.5'R	0.04555	ND	204	3990	686	4880	135		55 PPM
S-5	5/8/2020	1.5'R	0.0098	ND	ND	751	172	923	961		
	F /7 /2020	1'	3.6091	0.0361	100	615	88.8	803.8	18.5		
N.SW	5/7/2020	1.5'R	0.7857	ND	94.6	1740	311	2145.6	77.4		
N.SW-2	5/8/2020	1.5'R	0.01575	ND	31.2	440	108	579.2	55		2.6 PPM
C ().).	F /7 /2020	1'	5.4509	0.0609	281	2170	310	2761	101	106.35	30 PPM
S.SW	5/7/2020	1.5'R	6.5	ND	476	4890	776	6142	270		
S.SW-2	5/8/2020	1.5'R	0.2634	ND	423	6850	1340	8613	1820		69 PPM
	= /= /2022	1'	0.2808	ND	27.8	424	82.7	534.5	21.1		
E.SW	5/7/2020	1.5'R	16.503	0.123	1250	7680	1340	10270	128		
E.SW-2	5/8/2020	1.5'R	0.04604	ND	38.1	1470	345	1853.1	761		2.7 PPM
	= /= /2022	1'	ND	ND	ND	61.6	ND	61.6	35.45		1669 PPM
W.SW	5/7/2020	1.5'R	6.847	ND	630	4650	776	6056	136		
W.SW-2	5/8/2020	1.5'R	0.03863	ND	68.2	1560	294	1922.2	355		8.5 PPM
CIM/	Sidouu	ع انه کاله			halvto N	at Data a		D-Dofuer			

 Table 1: Initial Delineation Soil Sample Analysis

SW = Sidewall Soil Sample ND = Analyte Not Detected R=Refusal with Backhoe

On May 19, 2020, based on the field and analytical results from our initial soil delineation activities, further excavation activities of the respective spill areas commenced. Additional excavation and confirmation soil sampling activities were undertaken in the previously identified areas of soil samples S-1, S-2, S-3, and S-4. Additional bottom confirmation samples (S-6 and S-7) were also collected and analyzed for TPH, the constituent of concern, to document that NMOCD closure criteria had been met. Bottom confirmation sampling results for sample S-1 indicated TPH concentrations at 65.9 mg/kg. Analytical results for samples S-2, S-3 and S-4 revealed no evidence of TPH concentrations within laboratory method detection limits. TPH concentrations at bottom confirmation sample S-6 were 39.5 mg/kg, and TPH concentrations at S-7 were 58.5 mg/kg. The results of this sampling event are recapped below in Table 2.

Additionally, the sidewalls of both impacted areas were expanded as dictated by the analytical results from our initial assessment until NMOCD closure criteria had been achieved. The final excavation of first impacted area (east excavation) at the loadout measured approximately 25'x13'x1.5'. Sidewall confirmation sampling results for TPH from the east excavation are as follows: S. SW-2, 638 mg/kg (south side wall 2); E. SW-2, 1053 mg/kg TPH; and W. SW-2, 234.1 mg/kg TPH.

The completed excavation of the second impacted area (west excavation) measured approximately 42'x8-15'x2.5'. Confirmation side wall sample analysis for TPH from the west excavation are as follows: N. SW (north side wall) and S. SW were below laboratory method detection limits for TPH; E. SW, 34.6 mg/kg TPH and W. SW, 77.1 mg/kg TPH. The locations of sample positions and excavation dimensions can be found on the site plan in Appendix I.

Complete laboratory reports are attached in Appendix VI. Confirmation sampling results taken every 200 sq. ft. are shown below in Table 2.

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH mg/kg	Cl mg/kg
	able 1 Closur 9.15.29 NMA		50 mg/kg	10 mg/kg		combined = ng/kg		2500 mg/kg	20,000 mg/kg
S-1	5/19/2020	2.5'	NT	NT	ND	65.9	36.4	65.9	NT
S-2	5/19/2020	2.5'	NT	NT	ND	ND	ND	0	NT
S-3	5/19/2020	2.5'	NT	NT	ND	ND	ND	0	NT
S-4	5/19/2020	2.5'	NT	NT	ND	ND	ND	0	NT
S-6	5/19/2020	1.5'	NT	NT	ND	39.5	ND	39.5	NT
S-7	5/19/2020	1.5'	NT	NT	ND	58.5	ND	58.5	NT
N.SW	5/19/2020	1.5'	NT	NT	ND	ND	ND	0	NT
S.SW	5/19/2020	1.5'	NT	NT	ND	ND	ND	0	NT
S.SW-2	5/19/2020	1.5'	NT	NT	ND	536	102	638	NT
E.SW	5/19/2020	1.5'	NT	NT	ND	34.6	ND	34.6	NT
E.SW-2	5/19/2020	1.5'	NT	NT	ND	874	179	1053	NT
W.SW	5/19/2020	1.5'	NT	NT	ND	77.1	ND	77.1	NT
W.SW-2	5/19/2020	1.5'	NT	NT	ND	186	48.1	234.1	NT
SW = Si	dewall Soil	Sample	NT –	Analyte N	lot Tested	NΓ) – Analyte	Not Dete	reted

Table 2⁻ Confirmation Soil Sample Analysis 5/19/2020

SW = Sidewall Soil Sample

NT = Analyte Not Tested

ND = Analyte Not Detected

Subsequent Sampling Event

The initial closure report was denied by the NMOCD on September 9, 2020, stating horizontal remediation had not been completed and that the values of horizontal impacts should be remediated to the more stringent requirements listed in Table 1 standards. The Plains Remediation Coordinator responded on the same day for clarification regarding remediation standards as the depth to groundwater is listed in the NMOSE data base as 265' deep, within 1/2 mile of the site, and that the release was contained to the well pad area only. The NMOCD responded that Plains would need to remediate the site horizontally to the strictest Table 1 standards. On September 10, 2020, Plains requested a conference call with the NMOCD to gain clarity on Table 1 clean up criteria for this and future projects. A complete copy of the correspondence between Plains Marketing, L.P., and the NMOCD is provided for reference in Appendix III.

On May 20, 2021, representatives of Plains Marketing, L.P., enacted a conference call with the NMOCD for further clarification of remediation efforts and closure criteria. Plains personnel expressed their commitment to remediation of this site and closure of the aforementioned incident. As per the conference call it was agreed that horizontal remediation had been achieved in accordance with Table NMOCD Table1 closure criteria guidelines. However, the NMOCD requested additional horizontal delineation samples showing analytical results to the strictest Table 1 standards.

On May 26, 2021, Talon personnel mobilized to the Matador Florence St. 23 #202H in order to advance the additional boreholes at the excavation sidewalls needed for NMOCD closure approval. Eight (8) hand auger borings were advanced to depths of 0.5' BGS at the locations shown on the attached site map in Appendix I. Soil samples were collected and transported to Eurofins Laboratory for analysis of Total Chlorides, TPH, and BTEX. The sample results are recapped in Table 3 below and the corresponding laboratory report can be seen in its entirety in Appendix VI.

The analytical results from hand auger sample 1 (HA-1) indicated a total chloride concentration of 5.59 mg/kg; HA-2 at 4.61 mg/kg chlorides; HA-3 at 3.69 mg/kg chlorides; HA-4 at 3.19 mg/kg chlorides; and HA-5 at 10.8 mg/kg chlorides and 15.2 mg/kg for total petroleum hydrocarbons (TPH). Sampling results from HA-6 exhibited chloride concentrations at 1.82 mg/kg; HA-7 at 3.12 mg/kg chlorides; and HA-8 at 5.21 mg/kg for total chlorides.

As shown on the following data table, all analytical results are below NMOCD horizontal delineation closure criteria of 100 mg/kg for TPH and 600 mg/kg for total chlorides.

Sample ID	Sample Date	Depth (BGS)	BTEX mg/kg	Benzene mg/kg	GRO mg/kg	DRO mg/kg	MRO mg/kg	Total TPH	Cl mg/kg
	D Table 1 Clo a 19.15.29 N		50 mg/kg	10 mg/kg				100 mg/kg	600 mg/kg
HA-1	05/25/21	0.5	<0.00399	<0.00200	<49.9	<49.9	<49.9	<49.9	5.59
HA-2	05/26/21	0.5	<0.00397	<0.00198	<50.0	<50.0	<50.0	<50.0	4.61
HA-3	05/26/21	0.5	<0.00397	<0.00198	<49.7	<49.7	<49.7	<49.7	3.69
HA-4	05/26/21	0.5	<0.00402	<0.00201	<49.8	<49.8	<49.8	<49.8	3.19
HA-5	05/26/21	0.5	<0.00398	<0.00199	<49.7	15.2	<49.7	15.2	10.8
HA-6	05/26/21	0.5	<0.00398	<0.00199	<49.8	<49.8	<49.8	<49.8	1.82
HA-7	05/26/21	0.5	<0.00398	<0.00199	<50.0	<50.0	<50.0	<50.0	3.12
HA-8	05/26/21	0.5	<0.00397	<0.00198	<49.9	<49.9	<49.9	<49.9	5.21

Table 3: Confirmation Soil Sample Analysis, 5/25/2021

HA=Hand Auger Boring

Remedial Summary

The impacted area in the vicinity of sample point areas S-1 through S-3 (western excavation) was excavated to a total depth of 2.5-feet BGS. The horizontal extent of this excavation measured approximately 42' long x 8-15' wide. Excavation areas are shown on the attached site plan.

The western excavation area near the load out at sample locations S-4 through S-7 was excavated to depths of 1.5-feet and to 2.5-feet deep at S-4. The sidewalls were advanced horizontally by approximately 3'- 4' during the excavation process to achieve closure criteria for soil constituencies of concern. The final excavated area measured approximately 25' long by 13' wide.

Composite confirmation samples were obtained from the sidewalls and bottoms of the excavated areas in 200 sq. ft. areas to verify that all contaminants above closure criteria had been removed. Sidewall excavations continued until closure NMOCD criteria was met. The results are shown on Data Table 2 above, and the corresponding lab reports may be found in Appendix VI.

The excavated material (approximately 96 yards) was transported to Lazy Ace Land Farm, a NMOCD approved solid waste disposal facility. Disposal manifests are appended in Appendix V.

The excavated areas were backfilled with locally sourced, non-impacted caliche, machine compacted and contoured to match the surrounding location.

Pursuant to NMOCD stipulations set forth during the May 20, 2021, meeting for closure of this incident; hand auger soil borings were advanced at the sidewalls of the excavated areas in order to confirm that horizontal delineation of the remediated areas had been achieved. As shown by the analytical data presented in Table 3 above, Plains respectfully requests closure of Incident # NRM20212560155.

Closure

Based on the site assessment and characterization data, remedial actions completed and confirmation sampling results obtained for this project, on behalf of Plains Marketing, L.P., we respectfully request that no further actions be required, and that closure of this incident be granted.

Should you have any questions or if further information is required, please do not hesitate to contact our office at 575-746-8768.

Respectfully submitted,

TALON/LPE

Rebecca Pons Senior Environmental Project Manager David J. Adkins Regional Manager

Attachments:

Appendix I Site Maps
Appendix II Groundwater Data, Soil Survey & FEMA Flood Map
Appendix III Initial C-141, NMOCD Correspondence
Appendix IV Photographic Documentation
Appendix V Disposal Manifests
Appendix VI Laboratory Reports


<u>APPENDIX I</u>

SITE MAP

KARST MAP

TOPO MAP

LOCATION MAP

Released to Imaging: 6/28/2022 1:57:37 PM















<u>APPENDIX II</u>

GROUNDWATER DATA

SOIL SURVEY

FEMA FLOOD ZONE

Released to Imaging: 6/28/2022 1:57:37 PM

	ANA MAR	
1	1	
	110	
		_

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

POD sullix indicates	(R=POD been rep O=orpha	placed,											-	11100	
serves a water right	C=the fil closed)	e is		1	(qu	art	ors a		W 2=N allest to		TAC WAR				
	cioacoj	POD		1	arg	jes	0			(1	AD83 UTM in I	meters)		(In (eet)	
		Sub-		Q	Q	Q									Water
POD Number CP 00580	Code	basin CP	County LE	64	4	3	Sec 23	Tws 235	Rng 34E	X 646524	Y 3572948'	DistanceD 143	epthWellE 220	DepthWater	
CP 00606		CP	LE		4	1	23	235	34E	646613	3573854"	819	650	265	365
CP 00618		CP	LE	1	2	4	22	235	34E	645713	3573539*	1053	428	295	133
CP 01258 POD1		CP	LE	1	4	3	22	235	34E	645015	3573221	1634	25		
GP 01258 POD3		CP	LE	1	4	3	22	235	34E	644938	3573097	1701	25		
CP 01258 POD2		CP	LE	1	4	3	22	235	34E	644941	3572883	1704	65		
CP 01 120 POD 1		CP	LE	2	3	3	14	235	34E	646366	3574753	1739	397	318	79
CP 01785 POD1		CP	LE	4	1	3	14	235	34E	646203	3575003	2016	488	245	243
CP 00637		CP	LE	3	3	4	15	235	34E	645293	3574541'	2019	430	430	0
E 07616 POD1		E	то							646466	3576970	3939	500	300	200
CP 01760 POD1		CP	LE	3	i	2	16	235	34E	643627	3575897	4154	767	290	477
CP 01730 POD1		CP	LE	2	2	1	16	235	34E	643549	3575824	4162	594	200	394
C 02386		CUB	LE	4	1	2	04	245	34E	643962	3569290"	4603	575	475	100
<u>C 02397</u>		CUB	LE	4	1	2	04	245	34E	643962	3569290*	4603	575	475	100
CP 00614 POD2		CP	LE	4	3	3	29	235	35E	651102	3571401	4753	440	320	120
											Avera	age Depth to Minimum C Maximum D	Deplh:	328 f 200 f 475 f	eet
Record Count:15															
UTMNAD83 Radius	Search (In mete	rs):												
Easting (X): 6466:	38.557		North	Ins	(Y):	3573	034,9	97		Radius: 5000				
*UTM location was derived	from PLS	S - see	lelp												

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/1/20 4:45 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

http://nmwrrs.ose.state.nm.us/nmwrrs/ReportProxy?queryData=%7B%22report%22%3A%... 5/1/2020



New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD	Number	(qua	rters a	re sm	allest	to larg	SW 4=St est) Rng	(NAD83	JTM in meters) C Y	
NA	CP	01120 POD1	2	3				34E	64636	All and the second second	6
Driller Lic	ense:	1292	Driller	Com	npan	y:	BE	NTLE V	WATER W	VELL SERVIC	E
Driller Na	me:	BENTLE, BILLY	L.								
Drill Start	Date:	01/09/2013	Drill F	inish	Date	e:	0	4/06/20	13 1	Plug Date:	
Log File D	ate:	04/24/2013	PCW F	Rov D)ate:					Source:	Shallow
Pump Typ	e:		Pipe D	isch	arge	Size	e:		, j	Estimated Yie	eld:
Casing Si	ze:	6.13	Depth	Well	£ 1		39	97 feet	1.1.1	Depth Water:	318 feet
	Wate	er Bearing Strati	fications:		Тор	Во	ttom	Desc	ription		
					0		20	Othe	r/Unknow	'n	
	_			_	43		397	Sand	lstone/Gr	avel/Conglom	erate
		Casing Per	forations		Тор	Во	ttom	0.0			
					1		20				
					20		277				
					277		397				

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/29/20 2:19 PM

POINT OF DIVERSION SUMMARY



Received by OCD: 4/7/2022 3:00:34 PM



6/12/2020 Page 1 of 2

Map Unit Description: Simona fine sandy loam, 0 to 3 percent slopes---Lea County, New Mexico

Natural Resources Conservation Service	Web Soil Survey National Cooperative Soil Survey
	Interpretive groups Land capability classification (irrigated): 6s
	Properties and qualities Slope: 0 to 3 percent Depth to restrictive feature: 7 to 20 inches to petrocalcic Natural drainage class: Well drained Runoff class: Very high Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr) Depth to water table: More than 80 inches Frequency of flooding: None Frequency of ponding: None Calcium carbonate, maximum in profile: 35 percent Gypsum, maximum in profile: 1 percent Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm) Sodium adsorption ratio, maximum in profile: 2.0 Available water storage in profile: Very low (about 2.0 inches)
	Typical profile A - 0 to 8 inches: fine sandy loam Bk - 8 to 16 inches: gravelly fine sandy loam Bkm - 16 to 26 inches: cemented material
	Setting Landform: Plains Landform position (three-dimensional): Rise Down-slope shape: Linear Across-slope shape: Linear Parent material: Calcareous eolian deposits derived from sedimentary rock
1	Description of Simona
	Map Unit Composition Simona and similar soils: 85 percent Minor components: 15 percent Estimates are based on observations, descriptions, and transects of the mapunit.
	Map Unit Setting National map unit symbol: dmr2 Elevation: 3,000 to 4,200 feet Mean annual precipitation: 10 to 15 inches Mean annual air temperature: 58 to 62 degrees F Frost-free period: 190 to 205 days Farmland classification: Not prime farmland
SI	E—Simona fine sandy loam, 0 to 3 percent slopes
Lea	County, New Mexico

USDA

Map Unit Description: Simona fine sandy loam, 0 to 3 percent slopes---Lea County, New Mexico

Land capability classification (nonirrigated): 7s Hydrologic Soil Group: D Ecological site: Shallow Sandy (R042XC002NM) Hydric soil rating: No

Minor Components

Kimbrough

Percent of map unit: 8 percent

Ecological site: Very Shallow 16-21" PZ (R077CY037TX) Hydric soil rating: No

Lea

Percent of map unit: 7 percent Ecological site: Limy Upland 16-21" PZ (R077CY028TX) Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico Survey Area Data: Version 16, Sep 15, 2019



Natural Resources Conservation Service





APPENDIX III

INITIAL C-141

NMOCD CORESPONDENCE

Released to Imaging: 6/28/2022 1:57:37 PM

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

Page 52 of 131

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nRM2012560155
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Plains Marketing, L.P.	OGRID 713291
Contact Name Amber Groves	Contact Telephone 575-200-5517
Contact email algroves@paalp.com	Incident # (assigned by OCD)
Contact mailing address 577 US HWY 385 N Seminole, TX 79360	·

Location of Release Source

Latitude 32.284333

Longitude <u>-103.443128</u>

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Matador Florence St. 23 #202H	Site Type Tank Battery
Date Release Discovered 5/1/2020 @ 12:00 AM	API# (if applicable)

Unit Letter	Section	Township	Range	County
N	23	238	34E	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)

Volume Released (bbls) 6.63 bbls	Volume Recovered (bbls) 0 bbls
Volume Released (bbls)	Volume Recovered (bbls)
Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Volume Released (bbls)	Volume Recovered (bbls)
Volume Released (Mcf)	Volume Recovered (Mcf)
Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
	Volume Released (bbls) Is the concentration of dissolved chloride in the produced water >10,000 mg/l? Volume Released (bbls) Volume Released (Mcf)

Cause of Release

Oil was pumped against a closed valve causing a hose rupture resulting in the approximate release of 6.63 bbls of crude oil.

Page	2

Oil Conservation Division

Incident ID	nRM2012560155
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
\square Yes \boxtimes No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Initial Response

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

 \square 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: <u>Amber Groves</u>	Title: <u>Remediation Coordinator</u>
Signature:	Date: <u>5/4/2020</u>
email: <u>algroves@paalp.com</u>	Telephone: <u>575-200-5517</u>
OCD Only	
Received by:	Date:

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
hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules nd regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which nay endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability hould their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, numan health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for sompliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially estore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Amber Groves
DCD Only Descrived hypertermination of the second s
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 emediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible barty of compliance with any other federal, state, or local laws and/or regulations.
Closure Approved by: Date:
Printed Name: Title:

•

Amber L Groves

From:	Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us></mike.bratcher@state.nm.us>
Sent:	Wednesday, May 19, 2021 4:13 PM
То:	Amber L Groves
Subject:	RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E [External]

Thank you – mb

From: Amber L Groves <ALGroves@paalp.com>
Sent: Wednesday, May 19, 2021 3:12 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Subject: Re: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E

Hi Mike!

Yes, I added them this morning and they all sent responses of attending. Except Bradford, he was tentative.

Amber

Sent from my iPhone

On May 19, 2021, at 3:09 PM, Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>> wrote:

Hi Amber,

Are you able to add the below personnel to the meeting tomorrow?

Thanks,

Míke Bratcher 575-626-0857

From: Bratcher, Mike, EMNRD
Sent: Tuesday, May 18, 2021 5:23 PM
To: Amber L Groves <<u>ALGroves@paalp.com</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E

Amber,

I do have some additions, and I add this many so most of my team all hears the same thing. I think I know what the issue is, and hopefully we resolve it once and for all type of thing. Anyway, here are the additions:

- Robert Hamlet
- Bradford Billings
- Karen Collins
- Cristina Eads

Thank you,

Míke Bratcher 575-626-0857

From: Amber L Groves <<u>ALGroves@paalp.com</u>>
Sent: Tuesday, May 18, 2021 11:43 AM
To: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E

Ok. I just sent you an invite on Microsoft Teams for Thurs at 2 PM. Please let me know if you need for me to add anyone else to the meeting!

Thank you,

Amber

From: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Sent: Tuesday, May 18, 2021 12:06 PM
To: Amber L Groves <<u>ALGroves@paalp.com</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E
[External]

Time should work. I am not sure that I have used Web-ex. If we have to download anything, it won't work as we would have to get IT involved. Tricky at best. I know we can use Zoom or TEAMS, and seems we used Web-ex early on, just don't recall. – mb

From: Amber L Groves <<u>ALGroves@paalp.com</u>>
Sent: Tuesday, May 18, 2021 11:00 AM
To: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E

That will be fine. Will Web-ex work? How about 2:00?

Amber

From: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Sent: Tuesday, May 18, 2021 11:59 AM
To: Amber L Groves <<u>ALGroves@paalp.com</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E
[External]

How about Thursday afternoon?

From: Amber L Groves <<u>ALGroves@paalp.com</u>>
Sent: Tuesday, May 18, 2021 10:55 AM
To: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E

Good Morning, Mike!

I just wanted to follow up on this meeting with you and see if there will be a convenient time this week?

Thank you!

Amber

From: Amber L Groves
Sent: Friday, May 14, 2021 10:19 AM
To: 'Bratcher, Mike, EMNRD' <<u>mike.bratcher@state.nm.us</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E
[External]

Mike,

I understand! How about Tuesday at any time that is convenient for OCD? I can also be available any time on Monday as well if that works better and am flexible the majority of the week. I usually prefer Web-ex for meeting but can set something else up if need be just let me know what works best for you.

Thank you,

Amber

From: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Sent: Friday, May 14, 2021 10:06 AM
To: Amber L Groves <<u>ALGroves@paalp.com</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E
[External]

Hi Amber,

Yes, please, let's set something up. I promise I have not been intentionally ignoring you. I thought we had reached the height of hectic a few years ago, but I was wrong. Propose a day, time and method for the meeting and I will see who all I can get in on it. Victoria did the review on this, but she is in a different area of the enviro group now. I prefer to get as many of our folks in on these type meetings as possible to keep us all consistent.

Hope all is well with you and again, sorry for dragging this out so long.

Thank you,

Mike Bratcher

Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
811S. First St. | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@state.nm.us
http://www.emnrd.state.nm.us/OCD/
<image001.jpg>

From: Amber L Groves <<u>ALGroves@paalp.com</u>>
Sent: Friday, May 14, 2021 8:51 AM
To: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E

Good Morning, Mike,

I just wanted to follow up with you on this one. Would you have time for a discussion sometime next week?

Thank you,

Amber

From: Amber L Groves
Sent: Wednesday, April 14, 2021 2:40 PM
To: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E
[External]

Good Afternoon, Mike,

Would you have some time this week or next to discuss this site with me by chance?

Thank you,

Amber

From: Amber L Groves
Sent: Friday, March 12, 2021 8:13 AM
To: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E
[External]

Good Morning, Mike,

Would you happen to have some time next week for a discussion with me on this by chance?

Thank you,

Amber

From: Amber L Groves
Sent: Thursday, February 25, 2021 9:57 AM
To: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E
[External]

Good Morning, Mike,

I just wanted to follow up on this one. Would you have some time next week for a discussion on this by chance?

Thank you,

Amber

From: Amber L Groves Sent: Tuesday, February 9, 2021 1:51 PM To: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>> Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E [External]

Good Afternoon, Mike,

I just wanted to follow up with you on this. Would you have some time for a discussion this week, by chance?

Thank you,

Amber

From: Amber L Groves
Sent: Monday, January 4, 2021 2:46 PM
To: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E
[External]

Good Afternoon, Mike,

I just wanted to follow up with you on this one. Would it be possible to schedule a conference call to discuss sometime this week?

Thank you,

Amber

From: Amber L Groves
Sent: Monday, November 30, 2020 2:27 PM
To: Bratcher, Mike, EMNRD < <u>mike.bratcher@state.nm.us</u> >
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E
[External]

Good Afternoon, Mike,

I just wanted to follow up on this one with you. Would it be possible for us to schedule a conference call sometime this week for a discussion?

Thank you,

Amber

From: Amber L Groves
Sent: Tuesday, October 20, 2020 2:11 PM
To: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>
Subject: FW: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E ON 0E
[External]

Good Afternoon, Mike,

I just wanted to follow up on the phone conversation that you and I had on September 30th about this one. If you would like to have a conference call about it, we are still willing to set this up!

Thank you!

Amber

From: Amber L Groves
Sent: Friday, September 18, 2020 10:31 AM
To: 'Venegas, Victoria, EMNRD' <<u>Victoria.Venegas@state.nm.us</u>>; Bratcher, Mike, EMNRD
<<u>mike.bratcher@state.nm.us</u>>; Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>; Eads,
Cristina, EMNRD <<u>Cristina.Eads@state.nm.us</u>>
Cc: 'David J. Adkins' <<u>dadkins@talonlpe.com</u>>; 'rmann@slo.state.nm.us' <<u>rmann@slo.state.nm.us</u>>;
Camille J Bryant <<u>CJBryant@paalp.com</u>>
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E ON OE [External]

Ms. Venegas,

Plains would once again like to request a conference call for discussion and would like Mike Bratcher to be in attendance, please. Please let us know when would be a good time next week for OCD.

Thank you,

Amber L. Groves Remediation Coordinator Plains All American 3112 W. US Hwy 82 Lovington, NM 88260 575-200-5517

From: Venegas, Victoria, EMNRD <<u>Victoria.Venegas@state.nm.us</u>>
Sent: Friday, September 18, 2020 10:23 AM
To: Amber L Groves <<u>ALGroves@paalp.com</u>>; Bratcher, Mike, EMNRD
<<u>mike.bratcher@state.nm.us</u>>; Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>; Eads,
Cristina, EMNRD <<u>Cristina.Eads@state.nm.us</u>>
Cc: 'David J. Adkins' <<u>dadkins@talonlpe.com</u>>; 'rmann@slo.state.nm.us' <<u>rmann@slo.state.nm.us</u>>; Camille J Bryant <<u>CJBryant@paalp.com</u>>
Subject: PE: [EXTL RE: NPM2012560155 MATADOR ELORENCE ST_23 #202H @ N-22-235-34E ON OF

Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E [External]

Good morning Ms. Groves,

Plains needs to conduct additional remediation @ samples points S.SW-2, ESW-2 & W.SW-2, i.e. the sidewalls need to be less than 600 mg/kg for chlorides and 100 mg/kg for TPH, even though the depth to groundwater is over 100' and the release is on-pad. That will suffice for closure approval. Please make sure to submit all sampling notifications to <u>ocd.enviro@state.nm.us</u> that include the site name, incident number (or RP# if applicable), date and time of sampling event. Please note that confirmation closure samples not collected in accordance to 19.15.29.12.D may not be accepted during closure and Operators may be required to collect additional samples. Thank you,

Victoria Venegas State of New Mexico Energy, Minerals, and Natural Resources Oil Conservation Division 811 S. First St., Artesia NM 88210 (575) 909-0269 Victoria.Venegas@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

From: Amber L Groves <ALGroves@paalp.com> Sent: Friday, September 18, 2020 8:05 AM To: Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us> Cc: 'David J. Adkins' <dadkins@talonlpe.com>; 'rmann@slo.state.nm.us' <rmann@slo.state.nm.us>; Camille J Bryant <<u>CJBryant@paalp.com</u>>

Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E ON 0E

Good Morning, Ms. Venegas,

Plains is committed to gaining closure for NRM2012560155. Although remediation was conducted under and met all Table 1 criteria, it is our understanding that OCD's request is for the lateral extents to be characterized to the less than 50' to groundwater standard. As such, Plains will take delineation samples in four cardinal directions of the release area, thus exhibiting that the impacted area was contained to the tank battery production pad. Plains will have this scheduled for next week. Please let us know if this will not suffice for gaining closure or should you want to schedule a conference call for discussion.

Thank you,

Amber L. Groves **Remediation Coordinator** Plains All American 3112 W. US Hwy 82 Lovington, NM 88260 575-200-5517

From: Amber L Groves

Sent: Thursday, September 10, 2020 2:07 PM

To: 'Venegas, Victoria, EMNRD' <Victoria.Venegas@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Eads, Cristina, EMNRD < Cristina.Eads@state.nm.us>

Cc: David J. Adkins <dadkins@talonlpe.com>; rmann@slo.state.nm.us; Camille J Bryant <CJBryant@paalp.com>

Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E ON OE [External]

Ms. Venegas and Mr. Bratcher,

Plains would like to respectfully request a conference call with NMOCD to gain clarity on Table 1 Criteria under Rule 29 in relation to remediation activities located on in use production pads for this project as well as future projects. Please let me know a good date and time for OCD next week.

Thank you,

Amber L. Groves Remediation Coordinator Plains All American 3112 W. US Hwy 82 Lovington, NM 88260 575-200-5517

From: Venegas, Victoria, EMNRD <<u>Victoria.Venegas@state.nm.us</u>>
Sent: Wednesday, September 9, 2020 2:56 PM
To: Amber L Groves <<u>ALGroves@paalp.com</u>>; Bratcher, Mike, EMNRD
<<u>mike.bratcher@state.nm.us</u>>; Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>; Eads, Cristina, EMNRD <<u>Cristina.Eads@state.nm.us</u>>
Cc: David J. Adkins <<u>dadkins@talonlpe.com</u>>; rmann@slo.state.nm.us
Subject: RE: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E
[External]

Ms. Groves,

Thank you for the clarification. For your next submittals, please do not include information that is not required by the rule.

Regarding your questions about horizontal delineation the answer is yes; Plains needs to conduct additional remediation @ samples points S.SW-2, ESW-2 & W.SW-2, i.e. the sidewalls need to be less than 600 mg/kg for chlorides and 100 mg/kg for TPH, even though the depth to groundwater is over 100' and the release is on-pad. While vertical definition of contamination that may be acceptable is almost exclusively driven by depth to water, as determined, and as driven by Table I, horizontal definition if different. The edges (horizontal definition) of a liquid release must be determined as well. The only value for determination of horizontal impact are derived by either "background" value as determined appropriate to Rule 29, or, for chloride, 600 mg/Kg in soils. This 600 mg/Kg value is discussed in detail in <u>19.15.29.13</u> D. (1).

Therefore, horizontal soils delineation for chloride should be 600 mg/kg (again, or background) for all liquid releases, either on or off production pad. It is conceivable that in determining the horizontal extent of chloride that the edge of the production pad may be encountered, if last sample taken on pad limit, samples(s) must be obtained off pad to determine extent of release. If horizontal delineation samples on pad eventually reach a mechanical barrier, (such as pipeline or battery) sample(s) should be obtained as near as possible on the linear opposite side of said barrier and as close as possible to the barrier.

It is conceivable that a liquid release may occur with, for example, a surface soil chloride of 19,000 mg/Kg, and if it is reliably determined that groundwater is over 101 feet below ground surface, then that value may stand as a vertical definition, but nonetheless, the horizontal value(s) for lateral extent of liquid release would still, of Rule 29 necessity, be 600 mg/Kg chloride or less and 100 mg/kg for TPH. This would be inclusive of both "on-pad" of "off-pad" release area. The above if laboratory data driven, not just reported visual extent of a liquid release or calculated and reported release volumes. Generally, the top one foot sample suffices for immediate horizontal evaluation. I hope this clarifies your questions. If you need anything else, please let me know. Thank you,

Victoria Venegas State of New Mexico Energy, Minerals, and Natural Resources Oil Conservation Division 811 S. First St., Artesia NM 88210 (575) 748-1283 Victoria.Venegas@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

From: Amber L Groves <<u>ALGroves@paalp.com</u>>
Sent: Wednesday, September 9, 2020 11:13 AM
To: Venegas, Victoria, EMNRD <<u>Victoria.Venegas@state.nm.us</u>>
Subject: [EXT] RE: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E

Good Morning, Ms. Venegas,

Just a few questions for clarification purposes. As the depth to groundwater is 265' bgs, Table 1 criteria would make total TPH 2500 mg/kg. In the closure report submittal, all sidewall samples showing horizontal remediation were 0-1053 mg/kg. Are you requesting that Plains conduct additional remediation on the two sample areas that were above 100 mg/kg?

The laboratory report that you are referring to is the waste characterization sample of the stockpile that Plains is required to run for transportation purposes. As a crude oil transporter, we are held to different standards than production and in order to legally transport those analyses are required. It was for the stockpile that was hauled to disposal.

Thank you,

Amber L. Groves Remediation Coordinator Plains All American 3112 W. US Hwy 82 Lovington, NM 88260 575-200-5517

From: Venegas, Victoria, EMNRD <<u>Victoria.Venegas@state.nm.us</u>>
Sent: Wednesday, September 9, 2020 11:46 AM
To: Amber L Groves <<u>ALGroves@paalp.com</u>>; Bratcher, Mike, EMNRD
<<u>mike.bratcher@state.nm.us</u>>; Hamlet, Robert, EMNRD <<u>Robert.Hamlet@state.nm.us</u>>; Eads,
Cristina, EMNRD <<u>Cristina.Eads@state.nm.us</u>>
Cc: <u>rmann@slo.state.nm.us</u>; David J. Adkins <<u>dadkins@talonlpe.com</u>>
Subject: NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E 0N 0E [External]

NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E ON 0E

Ms. Groves,

The OCD has denied the submitted Site Characterization/Remediation Plan/ Closure Report C-141 for incident # NRM2012560155 MATADOR FLORENCE ST. 23 #202H @ N-23-23S-34E ON OE for the following reasons:

- Horizontal delineation/remediation has not been completed. The values for determination
 of horizontal impact are derived by either "background" value as determined appropriate to
 Rule 29, or, for chloride, 600 mg/Kg in soils. To determine the horizontal extent, a "clean"
 sample is required. For the sake of consistency, the Division will consider a sample "clean" if
 it meets the more stringent requirements listed in Table 1. For chloride values, natural
 background levels will be considered. Additional horizontal delineation/remediation efforts
 will be required @ sample points S.SW-2, ESW-2 & W.SW-2.
- On page 106, the report says:... "the samples were analyzed for radioactive contamination"... Please clarify to which sample(s) the lab results shown from page 82 to page 120 belong to.

The Denied C-141 can be found in the online image file. Please review and make the required correction prior to resubmitting through the fee portal. Thank you,

Victoria Venegas State of New Mexico Energy, Minerals, and Natural Resources Oil Conservation Division 811 S. First St., Artesia NM 88210 (575) 748-1283 <u>Victoria.Venegas@state.nm.us</u>

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Attention:

The information contained in this message and/or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies.

This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.

Attention:

The information contained in this message and/or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies.

This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.

Attention:

The information contained in this message and/or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies. This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.

Attention:

The information contained in this message and/or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies.

This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.

Attention:

The information contained in this message and/or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies.

This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.

Attention:

The information contained in this message and/or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies.

This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.

Attention:

The information contained in this message and/or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies.

This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.



APPENDIX IV

PHOTOGRAPHIC DOCUMENTATION

Plains Marketing, L.P. Matador Florence St. 23 #202H

PHOTO DOCUMENTATION



Aerial of Impacted Areas



S1-S3 Excavation 2.5' Bgs.



S4-S7 Excavation 1.5' Bgs.



S4-S7 Backfilled



Location at completion (grade)



<u>APPENDIX V</u> DISPOSAL MANIFESTS

Lease Operator Inform	nation:	
	All Rosense Vinopline	
Address:		
Phone #:		
Originating Location	of waste material:	
Lease Name	e: Matadar & Kouse Stail	
Sec	TR	
Transporter Informatio	on:	
Name: less		
Address: <u>12 7 1.</u>)	Texas And .	_
Phone #:	111 1747	
Driver Signature:	John Moore	
Date: 1		
	I Treas I Street M II TO	
	Dimp Truck # 1178	
Non-Hazardous Hydro-		_
Non-Hazardous Hydro- Waste material placed	-Carbons: # of Yards:	_
	-Carbons: # of Yards:4 d in cell number: K	-
Waste material placed	-Carbons: # of Yards:	-
Waste material placed Lazy Ace Landfarm, L.L.C. P.O. Box 130 Eunice, NM 88231	-Carbons: # of Yards: d in cell number: k Permit # NM 01-0041	-
Waste material placed Lazy Ace Landfarm, L.L.C. P.O. Box 130	-Carbons: # of Yards: d in cell number: k Permit # NM 01-0041	-
Waste material placed Lazy Ace Landfarm, L.L.C. P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home	Carbons: # of Yards: d in cell number: Permit # NM 01-0041 W1/2SW1/4 S22T20SR34E	
Waste material placed Lazy Ace Landfarm, L.L.C. P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home (575) 369-5266 - Cell	Carbons: # of Yards: <u>34</u> d in cell number: <u>A</u> k Permit # NM 01-0041 W1/2SW1/4 S22T20SR34E	
Waste material placed Lazy Ace Landfarm, L.L.C. P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home (575) 369-5266 - Cell s a condition of acceptance for dispo- vironmental Protection Agency (EPA)	Carbons: # of Yards: d in cell number: Permit # NM 01-0041 W1/2SW1/4 S22T20SR34E	stan
Waste material placed Lazy Ace Landfarm, L.L.C. P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home (575) 369-5266 - Cell s a condition of acceptance for dispo- vironmental Protection Agency (EPA) rations, exempt from Resource Cons	-Carbons: # of Yards: d in cell number: A k Permit # NM 01-0041 W1/2SW1/4 S22T20SR34E sal, I hereby certify that this waste is an exempt waste as defined by . The waste are: pererated from oil and gas applection and reader	stan

1

Lease Operator Inform			
Name:	a construction of the second	and the second sec	110 Tuckes
Address:	<u> </u>		
Phone #:			
Originating Location	of waste materia		
		R	
		K	
Transporter Information	a:		
Name: TH,	TON LP	1=	
Address: 408 c			esitenten on
			Contractice 1 191
Phone #: (57	51 741	9768	
Phone #: (57 Driver Signature: 7	S) 744	2768	
Driver Signature:	Michae	a 9768 Carton	
Phone #: (5.7) Driver Signature: 5.7 Date: 6.7	Michae	a 2768 Carton	
Driver Signature: Date: <i>la = 2</i>	<u>Michae</u> -2020	2768 1 Carton 11	
Driver Signature: Date: <i>la = 2</i> Non-Hazardous Hydro-C	Carbons:	2768 1 Carton 11	rds: <u>40</u>
Driver Signature:	Carbons:	2768 1 Carton 11	
Driver Signature: Date: <i>la = 2</i> Non-Hazardous Hydro-C	Carbons: in cell number:_ Permit	2768 1 Carta 11 Total Ya	
Driver Signature; Date: <i>la = 2</i> Non-Hazardous Hydro-(Waste material placed i Lazy Ace Landfarm, LLLP	Carbons: in cell number:_ Permit	2768 1 Carta 11 Total Ya	
Driver Signature: Date: Non-Hazardous Hydro-C Waste material placed Lazy Ace Landfarm, LLLP P.O. Box 130	Carbons: in cell number:_ Permit	2768 1 Carta 11 Total Ya	
Driver Signature: Date: Date: Non-Hazardous Hydro-C Waste material placed Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry	Carbons: in cell number:_ Permit	2768 1 Carta 11 Total Ya	
Driver Signature: Date: Date: Waste material placed Uses Master material placed Lezy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts:	Carbons: in cell number:_ Permit	2768 1 Carta 11 Total Ya	
Driver Signature: Date: Date: Non-Hazardous Hydro-C Waste material placed Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home (575) 369-5266 - Cell s a condition of acceptance for dispose	Carbons: in cell number:_ Permit / W1/2SV	Total Ya	rds: <u>40</u>
Driver Signature: Date: Non-Hazardous Hydro-C Waste material placed in Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home (575) 369-5266 - Cell is a condition of acceptance for disposa ironmental Protection Agency (EPA).	Carbons: in cell number: Permit / W1/2SV	at this waste is an exempt y	rds: <u>40</u>
Driver Signature: Date: Date: Non-Hazardous Hydro-C Waste material placed Waste material placed Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home	Carbons: in cell number: Permit / W1/2SV	at this waste is an exempt y	rds: <u>40</u>
Driver Signature: Date: Date: Non-Hazardous Hydro-C Waste material placed in Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home (575) 369-5266 - Cell s a condition of acceptance for dispose ironmental Protection Agency (EPA). rations, exempt from Resource Conser	Carbons: in cell number: Permit / W1/2SV	at this waste is an exempt y	rds: <u>40</u>

Lease Operator Inform		i. 'ð.,	Pas	
Name: Plaines	ALL LAME	<u>rie rawa inistra</u>	1 1 1 A. W.	
Address:				
Phone #:				
Originating Location	n of waste mate e: <u>Meeleveler</u> e		Spill	
Sec	T	R	,	
Fransporter Information	on:			
Name:	m. L. P.E		1.1.1	Q
Address: 128 10	Texas M.	4. Artesi	a. AMMi	· · · · · ·
Phone #: 575 74				
Driver Signature:	Selen P	Noore.		
Date: 10 = 3 =			1000	
	a line of the second se	No. Owners	16 . 28. 1	178
1.1.1		Durphi	uck f	£ 46.0
	o-Carbons:	DurpTr		1
Non-Hazardous Hydro	and an an and the second s	1	uck Total Y	1
	and an an and the second s	1		1
Von-Hazardous Hydro	ed in cell numb	1	Total Ya	1
Non-Hazardous Hydro Waste material place Lazy Ace Landfarm, LLLP P.O. Box 130	ed in cell numb	oer: <u>AS</u> rmit#NM 01-004	Total Ya	1
Non-Hazardous Hydro Waste material place Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home (575) 369-5266 - Cell As a condition of acceptance for dis ivironmental Protection Agency (El cerations, exempt from Resource Co	ed in cell numb Pe W sposal, I hereby cer PA). The waste are	tify that this wast:	Total Ya H DSR34E Sis an exempt	waste as defined by the
Non-Hazardous Hydro Waste material place Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home	ed in cell numb Pe W sposal, I hereby cer PA). The waste are	tify that this wast:	Total Ya H DSR34E Sis an exempt	waste as defined by the loration and production Regulations; and not

ease Operator Informati	on:	7.	
Name: [1]2	EMINS 2	Loreane	a selata
Address:			
Phone #:			
a.			
Originating Location of v	vaste material:		
Lease Name:			
Sec	T	R	
Fransporter Information:			
Name: THIGI	1 1 1815		
	10 Sug 6" 6.50		
	the second se	CTASTA MIM.	C-12-3
Address: 409. 10.	TEVAS A.	CTESIA WIM.	88210
Address: 40 次 い. Phone #: <u>(</u> タッシー)	746976	8	88210
Address: <u>409</u> , 10. Phone #: <u>(575</u>) Driver Signature: <u>7</u>	TEVASA, 746876 Dichoe	8	832103
Address: 409. 10. Phone #: 675)	TEVASA, 746876 Dichoe	8	83210
Address: 40% 10% Phone #: 675 Driver Signature: 7 Date: $6-3-5$	746876 746876 Dichoe 2020	1 Carter	
Address: <u>409</u> , w. Phone #: <u>675</u> Driver Signature: <u>7</u> Date: <u>6-3-</u> Ion-Hazardous Hydro-Car	746876 746876 2020	8	
Address: 40% km. Phone #: 675 Driver Signature: 7 Date: $6-3-5$	746876 746876 2020	1 Carter	
Address: <u>409</u> , two Phone #: <u>675</u> Driver Signature: <u>7</u> Date: <u>6-3-3</u> Jon-Hazardous Hydro-Car Waste material placed in c Lazy Ace Landfarm, LLLP	<u>Tevns A</u> <u>746 876</u> <u>746 876</u> <u>2020</u> rbons: ell number: Permit# NM	1 (<u>a. Tec</u> 1 Total Yards: 01-0041	
Address: <u>409.100</u> Phone #: <u>675</u> Driver Signature: <u>7</u> Date: <u>6-3-5</u> Non-Hazardous Hydro-Car Waste material placed in c	<u>Tevas</u> 746 876 2020 rbons: ell number:	1 (<u>a. Tec</u> 1 Total Yards: 01-0041	
Address: <u>409</u> , two Phone #: <u>695</u> Driver Signature: <u>9</u> Date: <u>693</u> Con-Hazardous Hydro-Car Waste material placed in c Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231	<u>Tevns A</u> <u>746 876</u> <u>746 876</u> <u>2020</u> rbons: ell number: Permit# NM	1 (<u>a. Tec</u> 1 Total Yards: 01-0041	
Address: <u>409</u> , <u>109</u> Phone #: <u>675</u> Driver Signature: <u>7</u> Date: <u>673</u> Date: <u>673</u> Date: <u>7</u> Date: <u>7</u>	<u>Tevns A</u> <u>746 876</u> <u>746 876</u> <u>2020</u> rbons: ell number: Permit# NM	1 (<u>a. Tec</u> 1 Total Yards: 01-0041	
Address: <u>409</u> , two Phone #: <u>675</u> Driver Signature; <u>7</u> Date: <u>673-5</u> Non-Hazardous Hydro-Car Waste material placed in c Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts:	<u>Tevns A</u> <u>746 876</u> <u>746 876</u> <u>2020</u> rbons: ell number: Permit# NM	1 (<u>a. Tec</u> 1 Total Yards: 01-0041	
Address: <u>409</u> , <u>109</u> Phone #: <u>695</u> Driver Signature: <u>7</u> Date: <u>693</u> Date: <u>693</u> Con-Hazardous Hydro-Car Waste material placed in c Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry 575) 393-6964 - Home 575) 369-5266 - Cell	<u>Tevns A</u> <u>746 876</u> 2020 rbons: rell number: <u>Permit # NM 0</u> W1/2SW1/4 S	28 1 Cantee 1 Total Yards: 01-0041 22T20SR34E	20
Address: <u>409</u> , <u>100</u> Phone #: <u>695</u> Driver Signature: <u>7</u> Date: <u>693</u> Date: <u>693</u> Von-Hazardous Hydro-Car Waste material placed in c Waste material placed in c Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home (575) 393-6964 - Home (575) 393-6964 - Home (575) 369-5266 - Cell a condition of acceptance for disposal, I h fronmental Protection Agency (EPA). The ations, exempt from Resource Conservation	TEVAS A. 746 876 2020 rbons: cell number: Permit # NM 1 W1/2SW1/4 S	Variation of the second	as defined by the
Address: <u>409</u> , <u>100</u> Phone #: <u>675</u> Driver Signature: <u>7</u> Date: <u>675</u> Date: <u>675</u> Von-Hazardous Hydro-Car Waste material placed in c Lazy Ace Landfarm, LLLP P.O. Box 130 Eunice, NM 88231 Contacts: Danny Berry (575) 393-6964 - Home (575) 393-6964 - Home (575) 393-6964 - Home (575) 393-6964 - Home	TEVAS A. 746 876 2020 rbons: cell number: Permit # NM 1 W1/2SW1/4 S	Variation of the second	as defined by the


APPENDIX VI

LABORATORY DATA

Released to Imaging: 6/28/2022 1:57:37 PM

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



Analytical Report

Prepared for:

David Adkins Talon LPE 2901 S. State Hwy 349 Midland, TX 79706

Project: Plains Matador Florence St. 23 #202H Project Number: 700376.508.01 Location: Lea County, NM

Lab Order Number: 0E11004



NELAP/TCEQ # T104704516-18-9

Report Date: 05/14/20

Page 1 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706	Project: P Project Number: 7 Project Manager: E	00376.508.		02H	Fax: (432) 522-2180
	ANALYTICAL REPORT I	FOR SAM	PLES		
Sample ID	Laborn	itory ID	Matrix	Date Sampled	Date Received
S-1@1	0E110	04-01	Soil	05/07/20 11:45	05-11-2020 13:47

0-1 03 1				
N.SW @ I'	0E11004-02	Soil	05/07/20 11:50	05-11-2020 13:47
S.SW @ I'	0E11004-03	Soil	05/07/20 11:55	05-11-2020 13:47
E.SW @ I'	DE11004-04	Soil	05/07/20 12:00	05-11-2020 13:47
W.SW @ 1	0E11004-05	Soil	05/07/20 12:05	05-11-2020 13:47
S-1 @ 1.5'R	0E11004-06	Soil	05/07/20 14:00	05-11-2020 13:47
S.SW @ 1.5'R	0E11004-07	Soil	05/07/20 14:05	05-11-2020 13:47
N.SW @ 1.5'R	0E11004-08	Soil	05/07/20 14:10	05-11-2020 13:47
E.SW @ 1.5'R	0E11004-09	Soil	05/07/20 14:15	05-11-2020 13:47
W.SW @ 1.5'R	0E11004-10	Soil	05/07/20 14:20	05-11-2020 13:47
S-2 @ 1.5'R	0E11004-11	Soil	05/07/20 14:25	05-11-2020 13:47
S-3 @ 1.5'R	0E11004-12	Soil	05/07/20 14:30	05-11-2020 13:47
S-4 @ 1.5'R	0E11004-13	Soil	05/08/20 13:15	05-11-2020 13:47
S-5 @ 1.5'R	0E11004-14	Soil	05/08/20 13:20	05-11-2020 13:47
N,SW-2 @ 1.5'R	0E11004-15	Soil	05/08/20 13:25	05-11-2020 13:47
S.SW-2 @ 1.5R	0E11004-16	Soil	05/08/20 13:30	05-11-2020 13:47
E.SW-2 @ 1.5'R	01311004-17	Soil	05/08/20 13:35	05-11-2020 13:47
W.SW-2 @ 1.5'R	0E11004-18	Soil	05/08/20 13:40	05-11-2020 13:47

1400 Rankin HWY Midland, TX 79701 432-686-7235

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project: Plains Matador Florence St. 23 #202H Project Number: 700376,508.01 Project Manager: David Adkins							
			3-1 @ 1' 004-01 (So	115					
		0.0.11	004-01 (80	a)				- <u></u>	
Analyse	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	nian Basin F	Invironme	ntal Lab, l	P.				
BTEX by 8021B				an ann					
Benzene	ND	0.0217	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Foluene	0.272	0.0217	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Ethylbenzene	0.272	0.0217	ing/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (p/m)	1.02	0.0435	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (0)	0.280	0.0217	ing/kg dry	20	POE1104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.9 %	75-1	25	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		90.9 %	75+1	25	POB1104	05/11/20	05/11/20	EPA 8021B	
General Chemistry Parameters by EP	A / Standard Metho	ds							_
Chlaride	26.5	1.09	ung/kg dry	1	P0E1203	05/12/20	05/12/20	EPA 300.0	
% Moisture	8.0	0.1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80)15M							
C6-C12	47.2	27.2	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C12-C28	351	27.2	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C28-C35	54.3	27.2	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogate: 1-Chloroactane		112 %	70-1	30	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogate: o-Terphenyl		119 %	70-1	30	POE120-1	05/12/20	05/12/20	TPH 801514	
Total Petroleum Hydrocarbon C6-C35	453	27.2	mg/kg dry	1	[CALC]	05/12/20	05/12/20	cole	

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 3 of 34

Talon LPE 2901 S. Siate Hwy 349 Midland TX, 79706		Proj Project Num Project Mana		508.01	prence St. 23	#202H		Fax: (432) 5	22-2180
	V		SW @1' 004-02 (Soi	:1)					
	7.4		004-02 (30)	u)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin I	Covironme	ital Lab, 1	P .				
BTEX by 8021B				·····					
Benzene	0.0361	0.0217	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Toluene	0.731	0.0217	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Ethylbenzene	0.662	0.0217	nig/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (p/m)	2.18	0.0435	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (0)	0.607	0.0217	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogata: 1,4-Difluorobenzene		87.5 %	75-1	25	POETION	05/11/20	05/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.3 %	75-1	25	POEIIO4	05/11/20	05/11/20	ЕРА 8021В	
General Chemistry Parameters by El	A / Standard Method	ls							
Chloride	18.5	1.09	mg/kg dry	1	P0E1203	05/12/20	05/12/20	EPA 300,0	-
% Maisture	8.0	0.1	9/0	4	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C.	35 by EPA Method 80	15M							_
C6-C12	100	27.2	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C12-C28	615	27,2	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C28-C35	88.8	27.2	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		105 %	70-1	30	POE1204	05/12/20	05/12/20	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-1	30	P0E1204	05/12/20	05/12/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	804	27.2	mg/kg dry	1	[CALC]	05/12/20	05/12/20	calc	

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 entirely, with written approval of Permian Basin Environmenial Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 4 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Proj Project Num Project Mana	Fax: (432) 53	Fax: (432) 522-2180					
			SW @1' 004-03 (Soil	,				-	
			004-05 (501	/			-		
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin 1	Invironmen	(al Lab, J	L.P.				
BTEX by 8021B						_			
Benzene	0.0609	0.0215	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Toluene	1.19	0.0215	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Ethylbenzenë	1.05	0.0215	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (p/m)	3.15	0.0430	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (o)	0.945	0.0215	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.5 %	75-12	5	POEHOA	05/11/20	05/11/20	EPA 8021B	
Surrogate: 1,4±Difluorobenzene		83.4 %	75-12	5	POEIIOJ	05/11/20	05/11/20	EPA 8021B	
General Chemistry Parameters by El	A / Standard Metho	ds			10.000				
Chloride	101	1.08	mg/kg dry	1	P0E1203	05/12/20	05/12/20	EPA 300.0	
% Moisture	1.0	0,1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 8	015M							
C6-C12	281	26.9	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C12-C28	2170	26.9	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C28-C35	310	26.9	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogata: 1-Chloroactano		121 %	70-13	0	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogata: a-Terphenyl		117 %	70-13	10	POE1204	05/12/20	05/12/20	TPH-8015M	
Total Petroleum Hydrocarbon C6-C35	2760	26.9	mg/kg dry	1	[CALC]	05/12/20	05/12/20	enie	

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 entirely, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 5 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706	Project: Plains Matador Florence St. 23 #202H Project Number: 700376.508.01 Project Manager: David Adkins							Fax: (432) 522-2180		
				SW @1' 004-04 (Soi	il)					
Analyte		Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	-	Per	mian Basin E	nvironme	ntal Lab, I	L.P.				
BTEX by 8021B			e eg androy							
Benzene		ND	0.0215	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Foluene		0.0772	0.0215	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Ethylbenzene		0.0406	0.0215	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Kylene (p/m)	- i	0.163	0.0430	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylenc (0)		0.0381	0.0215	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene			83.8 %	75-1	25	P051104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 1,4-Diffuorobenzene			89.6%	75-)	25	P0E1104	05/11/20	05/11/20	EPA 8021B	
General Chemistry Parameter	s by EPA / S	tandard Metho	ds							
Chloride		21.1	1.08	mg/kg dry	1	P0E1203	05/12/20	05/12/20	EPA 300.0	
% Moisture		7.0	0,1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbon	s C6-C35 by	EPA Method 8	015M							
C6-C12		27.8	26.9	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C12-C28		424	26.9	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C28-C35		82.7	26.9	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogate: 1-Chloroactane			107 %	70-	30	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogate: o-Terphenyl			114 %	70-	130	P0E1204	05/12/20	05/12/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35		535	26.9	ing/kg dry	1	[CALC]	05/12/20	05/12/20	calo	

The results in this report apply to the somples 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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 6 of 34

Talon LPE 2901 S, State Hwy 349 Midland TX, 79706		Project: Plains Matador Florence St. 23 #202H Project Number: 700376.508.01 Project Manager: David Adkins							
			SW @1' 004-05 (Soi						
		OEII	004-05 (50)	a)			_		
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin E	Invironmen	ntal Lab, l	L, P .				
BTEX by 8021B									
Benzene	ND	0.0217	ing/kg diy	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Toluene	ND	0.0217	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Ethylbenzene	ND	0.0217	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (p/m)	ND	0.0435	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (o)	ND	0.0217	ing/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.7%	75-1	25	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogote: 4-Bromofluorobenzene		92.7 %	75-1	25	P0E1104	05/11/20	05/11/20	EPA 8021B	
General Chemistry Parameters by EP.	A / Standard Methor	ls	100.00				-		
Chloride	18.8	1.09	mg/kg dry	1	P0E1203	05/12/20	05/12/20	EPA 300.0	
% Moisture	8.0	0.1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M							
C6-C12	ND	27.2	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C12-C28	61.6	27.2	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		86.6 %	70-1	30	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogate: o-Terphonyl		94.0 %	70-1	30	P0E1204	05/12/20	05/12/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	61.6	27.2	mg/kg dry	1	[CALC]	05/12/20	05/12/20	cale	

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 7 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project: Plains Matador Florence St. 23 #202H Project Number: 700376,508.01 Project Manager: David Adkins							2-2180
			@ 1.5'R						
		01911	004-06 (Soi	u)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1	Peri	nian Basin E	Invironmen	ntal Lab, l	P.				
BTEX by 8021B									
Benzene	ND	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Toluene	0.129	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Ethylbenzene	0.264	0.0206	mg/kg dry	20	POE1104	05/11/20	05/11/20	EPA 8021B	
Xylene (p/m)	1.11	0.0412	mg/kg dty	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (o)	0.321	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 1,4-Diffuorobenzene		91.1 %	75-1	25	POEII04	05/11/20	05/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		91.8 %	75-1	25	PUEIIOJ	05/11/20	05/11/20	EPA 8021B	
General Chemistry Parameters by EP	A / Standard Metho	ds							
Chloride	89.8	1.03	mg/kg dry	1	P0E1203	05/12/20	05/12/20	EPA 300.0	
% Moisture	3.0	0.1	96	3	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 8	015M			_				
C6-C12	158	25.8	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C12-C28	2170	25.8	mg/kg dry	- i	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C28-C35	349	25.8	ing/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogate: 1-Chlomactane		108 %	70-,	130	POE1204	05/12/20	05/12/20	TPH 8015M	
Surrogate: o-Terphenyl		110 %	70	130	P0E1204	05/12/20	05/12/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	2680	25.8	mg/kg dry	1	[CALC]	05/12/20	05/12/20	enle	

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 8 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project: Plains Matedor Florence St. 23 #202H Project Number: 700376,508.01 Project Manager: David Adkins							2-2180
		S.S1	V @ 1.5'I	2					
		0E11	004-07 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
6	Peri	mian Basin I	Cnvironmer	ital Lab, I	P.				
BTEX by 8021B									
Benzene	ND	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Foluenc	1.05	0.0206	ing/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Ethylbenzene	1.36	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (p/m)	4.09	0.0412	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (0)	1.37	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.4 %	75-1	25	P051104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 4-Bromofluorabenzene		112 %	75-1	25	POEIIOJ	05/11/20	05/11/20	EPA 8021B	
General Chemistry Parameters by EPA	A / Standard Metho	ds							
Chloride	270	1.03	mg/kg dry	1	P0E1203	05/12/20	05/12/20	EPA 300,0	
% Moisture	3.0	0.1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 8	015M				1.11			
C6-C12	476	25,8	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C12-C28	4890	25.8	mg/kg dry	3	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C28-C35	776	25.8	ing/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogata: 1-Chloroactane		126 %	70-1	30	P0E1204	05/12/20	05/12/20	TPH 8015M	
Survegate: o-Terphenyl		110 %	70-1	30	P0E1204	05/12/20	05/12/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	6140	25.8	mg/kg dry	1	[CALC]	05/12/20	05/12/20	cale	

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 9 of 34

Talon LPE 2901 S. Slate Hwy 349 Midland TX, 79706		Proj Project Numl Project Manaj	Fax: (432) 522-2180						
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	W @ 1.5']						
		0.611	004-08 (So	u)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
(Per	mian Basin E	Invironme	ital Lab, I					
BTEX by 8021B									
Benzené	ND	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Toluenc	0.0957	0.0206	ing/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Ethylbenzene	0.134	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (p/m)	0.556	0.0412	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 80218	
Xylene (0)	0.156	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogale: 1,4-Difluorobenzene		89.4 %	75-1	25	POE1104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 4-Bramofluorobenzeue		85.7 %	75-1	25	POEIIOJ	<i>U5/11/20</i>	05/11/20	EPA 8021B	
General Chemistry Parameters by EP	A / Standard Metho	ds							
Chloride	77.4	1.03	mg/kg dry	1	P0E1203	05/12/20	05/13/20	EPA 300.0	
% Moisture	3.0	0.1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 8	015M							
C6-C12	94.6	25.8	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C12-C28	1740	25.8	mg/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
>C28-C35	311	25.8	ing/kg dry	1	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-1	30	P0E1204	05/12/20	05/12/20	TPH 8015M	
Surragate: a-Terphenyl		110 %	70-1	30	P0E1204	05/12/20	05/12/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	2140	25.8	mg/kg dry	() ()	[CALC]	05/12/20	05/12/20	cale	

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 10 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project: Plains Matador Florence St. 23 #202H Project Number: 700376.508.01 Project Manager: David Adkins							Fax: (432) 522-2180	
			V @ 1.5'I							
		01511	004-09 (Soi	1)						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Per	mian Basin I	nvironmer	ital Lab, I	9. P .					
BTEX by 8021B										
Benzene	0,123	0.0208	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Toluène	3.47	0.0208	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Ethylbenzene	3.96	0.0208	mg/kg dry	20	P0E1104	05/11/2D	05/11/20	EPA 8021B		
Xylene (p/m)	8.95	0.0417	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Xylene (o)	3.17	0.0208	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Surrogate: 4-Bromofluorobenzene	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	70.5 %	75-1	25	P0E1104	05/11/20	05/11/20	EPA 8021B		
Surrogate: 1,4-Diffnorabenzene		90.6%	75-1	25	P0E1104	05/11/20	05/11/20	EPA 8021B		
General Chemistry Parameters by EP	A / Standard Metho	ds								
Chloride	128	1.04	mg/kg dry	1	P0E1203	05/12/20	05/13/20	EPA 300.0		
% Moisture	4.0	0.1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216		
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 8	015M				1.1				
C6-C12	1250	130	mg/kg dry	S	P0E1204	05/12/20	05/13/20	TPH 8015M		
>C12-C28	7680	130	mg/kg dry	5	P0E1204	05/12/20	05/13/20	TPH 8015M		
>C28-C35	1340	130	mg/kg dry	5	P0E1204	05/12/20	05/13/20	TPH 8015M		
Surragate: 1-Chlorooctane		112 %	70-1	30	P0E1204	05/12/20	US/13/20	TPH 8015M		
Surrogate: o-Terphenyl		124 %	70-1	30	P0E1204	05/12/20	05/13/20	TPH 8015M		
Total Petroleum Hydrocarbon C6-C35	10300	130	mg/kg dry	5	[CALC]	05/12/20	05/13/20	cale		

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 Environmiental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 11 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project: Plains Malador Florence St. 23 #202H Project Number: 700376.508.01 Project Manager: David Adkins							Fax: (432) 522-2180	
			W @ 1.5'1 004-10 (Soi							
Analyte	Result	Reporting	Units	9 Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Per	mian Basin F	nvironmen	ital Lab, l	L.P.					
BTEX by 8021B										
Benzene	ND	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Toluenc	0.617	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Ethylbenzene	1.59	0.0206	ing/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Xylene (p/m)	4.64	0.0412	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Xylene (o)	1.64	0.0206	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Surrogale: 4-Bromofluorobenzene	100	75.0 %	75-1	25	POE110-1	05/11/20	05/11/20	EPA 8021B		
Surrogate: 1,4-Difluorobenzeue		92.7 %	75-1	25	P0E1104	05/11/20	05/11/20	EPA 8021B		
General Chemistry Parameters by EPA / Stan	dard Metho	ods	1.7.1				-			
Chloride	136	1.03	mg/kg dry	1	P0E1203	05/12/20	05/13/20	EPA 300.0		
% Moisture	3.0	0.1	96	1	P0E1201	05/12/20	05/12/20	ASTM D2216		
Total Petroleum Hydrocarbons C6-C35 by EP	A Method 8	015M	-		_					
C6-C12	630	25.8	mg/kg dry	1	P0E1204	05/12/20	05/13/20	TPH 8015M		
>C12-C28	4650	25.8	mg/kg dry	1	P0E1204	05/12/20	05/13/20	TPH 8015M		
>C28-C35	776	25.8	mg/kg dry	1	P0E1204	05/12/20	05/13/20	TPH 8015M	_	
Surrogato: 1-Chloroactane		104 %	70-1	30	P0E1204	05/12/20	05/13/20	TPH 8015M		
Surrogate: a-Terphenyl		114%	70-1	30	P0E1204	05/12/20	05/13/20	TPH 8015M		
Total Petroleum Hydrocarbon C6-C35	6050	25.8	mg/kg dry	I.	[CALC]	05/12/20	05/13/20	cale		

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 12 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project: Plains Matador Florence St. 23 #202H Project Number: 700376.508.01 Project Manager: David Adkins								
			2 @ 1.5'R 004-11 (Soi	n.						
		Reporting	004 11 (00)	.,	S. 06	-		TRUE		
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
a set the set of the set	Pers	nian Basin I	Environmer	ital Lab, I	L.P.					
BTEX by 8021B				_				7-2-2		
Benzene	ND	0.0233	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Toluene	0.919	0.0233	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 80218		
Ethylbenzene	1.27	0.0233	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Xylene (p/m)	4.08	0.0465	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Xylene (0)	1.28	0.0233	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B		
Surrogate: 1,4-Diffuorobenzene		90,1 %	75-1	25	P0E1104	05/11/20	05/11/20	EPA 8021B		
Surrogane: J-Bromofinorohenzene		107 %	75-1	25	P0E1104	05/11/20	03/11/20	EPA 8021B		
General Chemistry Parameters by EPA	/ Standard Methor	ls								
Chloride	178	1.16	ing/kg dry	1	P0E1308	05/13/20	05/13/20	EPA 300.0		
% Moisture	14.0	0,1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216		
Total Petroleum Hydrocarbons C6-C35	by EPA Method 80	15M								
C6-C12	419	29.1	ing/kg dry	1	P0E1206	05/12/20	05/12/20	TPH 8015M		
>C12-C28	4790	29.1	mg/kg dry	1	P0E1206	05/12/20	05/12/20	TPH 8015M		
>C28-C35	840	29.1	mg/kg dry	1	P0E1206	05/12/20	05/12/20	TPH 8015M		
Surrogate: 1-Chlorooctane		124 %	70-1	30	P0E1206	05/12/20	05/12/20	TPH 8015M		
Surragato: o-Terphonyl		131 %	70-1	30	POE1206	05/12/20	05/12/20	TPH 8015M	S-GC	
Total Petroleum Hydrocarbon C6-C35	6050	29.1	mg/kg dry	1	[CALC]	05/12/20	05/12/20	calc		

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 13 of 34

Talon LPE 2901 S. Siate Hwy 349 Midland TX, 79706		Proje Project Num Project Manaj		.508.01	rence St. 23	#202H		Fax: (432) 52	2-2180
			@ 1.5'R 004-12 (Soi	115					
		unit	004-12 (80)						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
and and the second second	Per	mian Basin E	nvironmen	ntal Lab, l	P.				
BTEX by 8021B									
Benzene	0.0238	0.0208	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Foluene	1.18	0.0208	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Ethylbenzene	1.42	0.0208	mg/kg dry	2.0	POE1104	05/11/20	05/11/20	EPA 8021B	
Xylene (p/m)	3.95	0.0417	mg/kg dry	20	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (0)	1.26	0.0208	mg/kg dry	20	POE1104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	75-1	25	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		88.3 %	75-1	25	PDE1104	05/11/20	05/11/20	EPA 8021B	
General Chemistry Parameters by EP/	/ Standard Metho	ds							
Chloride	54.1	1.04	mg/kg dry	1	P0E1308	05/13/20	05/13/20	EPA 300,0	
% Moisture	4.0	0.1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3:	5 by EPA Method 8	015M							
C6-C12	629	130	mg/kg dry	5	P0E1206	05/12/20	05/13/20	TPH 8015M	
>C12-C28	6350	130	ing/kg dry	5	P0E1206	05/12/20	05/13/20	TPH 8015M	
>C28-C35	1100	130	mg/kg dry	s	P0E1206	05/12/20	05/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		125 %	70-1	30	POE1206	05/12/20	05/13/20	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-1	30	P0E1206	05/12/20	US/13/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	8090	130	ing/kg dry	5	[CALC]	05/12/20	05/13/20	enlc	

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 14 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706	Project: Plains Matador Florence St, 23 #202H Project Number: 700376,508,01 Project Manager: David Adkins								Fax: (432) 522-2180		
			4 @ 1.5'R 004-13 (Soil	()							
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes		
	Per	mian Basin I	Invironmen	tal Lab, I	AP.						
BTEX by 8021B			0.0.27								
Benzene	ND	0.00105	ing/kg dry	1	P0E1104	05/11/20	05/11/20	EPA 8021B			
Toluene	0.00395	0.00105	mg/kg dry	1	P0E1104	05/11/20	05/11/20	EPA 8021B			
Ethylbenzene	0.0140	0.00105	mg/kg dry	1	P0E1104	05/11/20	05/11/20	EPA 8021B			
Xylene (p/m)	0.0276	0.00211	mg/kg dry	1	P0E1104	05/11/20	05/11/20	EPA 8021B			
Xylenc (o)	0.0239	0.00105	mg/kg dry	1	P0E1104	05/11/20	05/11/20	EPA 8021B			
Surrogne: 4-Bromofluorobeuzene		65.4 %	75-12	25	POEII04	05/11/20	05/11/20	EPA 8021B			
Surrogate: 1,4-Difluorobunzene		92.9 %	75-12	25	POE1104	05/11/20	05/11/20	EPA 8021B			
General Chemistry Parameters by EP	A / Standard Metho	ds	1.1						_		
Chloride	135	1.05	mg/kg dry	1	P0E1308	05/13/20	05/13/20	EPA 300.0			
% Moisture	5.0	0.1	%	t	P0E1201	05/12/20	05/12/20	ASTM D2216			
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	015M		<u> </u>							
C6-C12	204	26.3	mg/kg dry	i.	P0E1206	05/12/20	05/12/20	TPH 8015M			
>C12-C28	3990	26.3	mg/kg dry	1	P0E1206	05/12/20	05/12/20	TPH 8015M			
>C28-C35	686	26.3	mg/kg dry	t	P0E1206	05/12/20	05/12/20	TPH 8015M			
Surrogate: J-Chlorooctane		123 %	70-13	30	P0E1206	05/12/20	05/12/20	TPH 8015M			
Surrogate: o-Terphenyl		135 %	70-13	10	POE1206	05/12/20	05/12/20	TPH 8015M	S-GC		
Total Petroleum Hydrocarbon C6-C35	4880	26.3	mg/kg dry	1	[CALC]	05/12/20	05/12/20	cale			

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 15 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project: Plains Matador Florence St. 23 #202H Project Number: 700376.508.01 Project Manager: David Adkins							22-2180
			5 @ 1.5'R 004-14 (Soi	n					
			004-14 (50)	<u>,</u>	_				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin I	Invironmen	tal Lab, I	L.P.				
BTEX by 8021B				-	2				
Benzene	ND	0.00108	mg/kg dry	1	P0E1104	05/11/20	05/11/20	EPA 8021B	
Tolucne	0.00129	0,00108	mg/kg dry	Y	P0E1104	05/11/20	05/11/20	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (p/m)	0.00851	0.00215	mg/kg dry	1	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dty	1	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogale: 1,4-Difluorobenzene	1	91.8%	75-12	25	P0E110.1	05/11/20	05/11/20	EPA 8021B	
Surrogatu: 4-Bromofluorabenzene		92.6 %	75-12	25	P0E1104	05/11/20	05/11/20	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Metho	ds							
Chloride	961	1.08	mg/kg dry	1	P0E1308	05/13/20	05/13/20	EPA 300.0	
% Moisture	7.0	0.1	%	4	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 8	015M							
C6-C12	ND	26,9	mg/kg dry	1	P0E1206	05/12/20	05/13/20	TPH 8015M	
>C12-C28	751	26.9	mg/kg dry	0	P0E1206	05/12/20	05/13/20	TPH 8015M	
>C28-C35	172	26,9	mg/kg dry	1	P0E1206	05/12/20	05/13/20	TPH 8015M	
Surrogate: 1-Chloroociane		117 %	70-1.	30	P0E1206	05/12/20	05/13/20	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-1.	30	POE1206	05/12/20	05/13/20	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	923	26.9	mg/kg diy	. a	[CALC]	05/12/20	05/13/20	calc	

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 16 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706	Project: Plains Matador Florence St. 23 #202H Project Number: 700376.508.01 Project Manager: David Adkins								
			V-2 @ 1.5'1 004-15 (Soil						
Analyre	Reşult	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin I	Cnvironmen	tal Lab, 1	L. P .				
BTEX by 8021B	116	our an un		0.00		-	_		
Benzene	ND	0.00105	mg/kg dry	1	POE1104	05/11/20	05/11/20	EPA 8021B	
Tolucue	0.00231	0.00105	mg/kg dry	1.1	POE1104	05/11/20	05/11/20	EPA 8021B	
Ethylbenzene	0.00134	0.00105	mg/kg dry	1	POE1104	05/11/20	05/11/20	EPA 8021B	
Xylene (p/m)	0.0121	0.00211	mg/kg dry	1	P0E1104	05/11/20	05/11/20	EPA 8021B	
Xylenc (o)	0.00480	0.00105	mg/kg dry	1	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogate: 1,4-Diffuorobenzene		92.1 %	75-12	5	P0E1104	05/11/20	05/11/20	EPA 8021B	
Surrogane: 4-Bromofluorobenzene		88.2 %	75-12	5	P0E1104	03/11/20	05/11/20	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Metho	ds							
Chloride	55,0	1.05	mg/kg dry	1	P0E1308	05/13/20	05/13/20	EPA 300.0	
% Moisture	5.0	0.1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	015M							
C6-C12	31.2	26.3	mg/kg diy	1	P0E1206	05/12/20	05/13/20	TPH 8015M	
>C12-C28	440	26.3	mg/kg dry	d	P0E1206	05/12/20	05/13/20	TPH 8015M	
>C28-C35	108	26.3	mg/kg dry	1	P0E1206	05/12/20	05/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-13	0	P0E1206	05/12/20	05/13/20	TPH 8015M	
Surragate: a-Terphenyl		127 %	70-13	0	P0E1206	05/12/20	05/13/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	580	26.3	mg/kg dry	1	[CALC]	05/12/20	05/13/20	anla	

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 17 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706	Project: Plains Matador Florence St. 23 #202H Project Number: 700376.508.01 Project Manager: David Adkins								22-2180
			/-2 @ 1.5' 004-16 (Soi						
		0.611	04-10 (80)	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin E	nvironmer	ital Lab, I	L. P .				
BTEX by 8021B							-	· · · · ·	
Benzene	ND	0.00104	mg/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B	
Toluene	0.0457	0.00104	mg/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B	
Ethylbenzene	0.0607	0.00104	ing/kg dry	1	POE1104	05/11/20	05/12/20	EPA 8021B	
Xylene (p/m)	0.157	0.00208	mg/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B	
Xylene (o)	0.0575	0.00104	mg/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.1 %	75-1	25	POE1104	05/11/20	05/12/20	EPA 8021B	
Surrogate: A-Bromofluorobenzene		65.0 %	75-1	25	P0E1104	05/11/20	05/12/20	EPA 8021B	
General Chemistry Parameters by EF	A / Standard Metho	ds		_					
Chloride	1820	5.21	mg/kg dry	5	P0E1308	05/13/20	05/13/20	EPA 300.0	
% Moisture	4.0	0.1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	35 by EPA Method 8	015M							
C6-C12	423	130	mg/kg dry	5	P0E1206	05/12/20	05/13/20	TPH 8015M	
>C12-C28	6850	130	mg/kg dry	5	P0E1206	05/12/20	05/13/20	TPH 8015M	
>C28-C35	1340	130	mg/kg dry	5	P0E1206	05/12/20	05/13/20	TPH 8015M	
Surrogate: 1-Chlorooctane		128 %	70-1	30	P0E1206	05/12/20	05/13/20	TPH 8015M	
Surragate: a-Terphenyl		124 %	70-1	30	POE1206	05/12/20	05/13/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	8620	130	mg/kg dry	5	[CALC]	05/12/20	05/13/20	cale	

The results in this report apply in 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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 18 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Proj Project Num Project Manaj	Fax: (432) 522-2180						
			V-2 @ 1.5'I						
		0E11	004-17 (Soil)					
Analyte	Result	Reporting Limit	Unīts	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin F	Invironmen	tal Lab, I	L.P.				
BTEX by 8021B						-			
Benzene	ND	0.00105	mg/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B	
Toluene	0.00544	0.00105	mg/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B	
Ethylbenzene	0.0102	0.00105	mg/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B	
Xylene (p/m)	0.0304	0.00211	mg/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B	
Xylene (o)	0.0135	0.00105	ing/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		94.2 %	75-12	15	P0E1104	05/11/20	05/12/20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		87.3 %	75-12	25	P0E1104	05/11/20	05/12/20	EPA 8021B	
General Chemistry Parameters by EP	A / Standard Metho	ds					_		-
Chloride	761	1.05	mg/kg dry	1	P0E1308	05/13/20	05/13/20	EPA 300.0	
% Moisture	5.0	0.1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80)15M							
C6-C12	38.1	26.3	mg/kg dry	1	P0E1206	05/12/20	05/13/20	TPH 8015M	
>C12-C28	1470	26.3	ing/kg dry	1	P0E1206	05/12/20	05/13/20	TPH 8015M	
>C28-C35	345	26.3	mg/kg dry	1	P0E1206	05/12/20	05/13/20	TPH 8015M	
Surrogate: 1-Chloroactane		110 %	70-13	10	P0E1206	05/12/20	05/13/20	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-13	10	POE1206	05/12/20	05/13/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1850	26.3	mg/kg diy	1	[CALC]	05/12/20	05/13/20	cale	

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 19 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project: Plains Matador Florence St. 23 #202H Project Number: 700376.508.01 Project Manager: David Adkins								
		W.SV	V-2 @ 1.5"	R						
		0E11	004-18 (Soi)						
Analyre	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note	
	Per	mian Basin I	Invironmen	tal Lab, I	P.					
BTEX by 8021B			-							
Benzene	ND	0.00106	ing/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B		
Toluene	0.00227	0.00106	mg/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B		
Ethylbenzenc	0.00556	0.00106	mg/kg dry	4	P0E1104	05/11/20	05/12/20	EPA 8021B		
Xylene (p/m)	0.0308	0.00213	mg/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B		
Xylene (o)	0.0159	0.00106	mg/kg dry	1	P0E1104	05/11/20	05/12/20	EPA 8021B		
Surrogata: 4-Bromofluorohenzene		96.8 %	75-1.	25	P0E1104	05/11/20	115/12/20	EPA 8021B		
Surrogate: 1,4-Diffuorobenzene		95.2 %	75-1.	25	P0E1104	05/11/20	05/12/20	EPA 8021B		
General Chemistry Parameters by E	PA / Standard Metho	ds								
Chloride	355	1.06	mg/kg dry	1	P0E1308	05/13/20	05/13/20	EPA 300.0		
% Moisture	6.0	0.1	%	1	P0E1201	05/12/20	05/12/20	ASTM D2216		
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 8	015M				_				
C6-C12	68.2	26.6	mg/kg dry	1	P0E1206	05/12/20	05/13/20	TPH 8015M		
>C12-C28	1560	26.6	mg/kg dry	1	P0E1206	05/12/20	05/13/20	TPH 8015M		
>C28-C35	294	26.6	mg/kg dry		P0E1206	05/12/20	05/13/20	TPH 8015M		
Surrogate: 1-Chloroactane		114%	70-1.	30	P0E1206	05/12/20	05/13/20	TPH 8015M		
Surrogate: o-Terphenyl		125 %	70-1.	30	P0E1206	05/12/20	05/13/20	TPH 8015M		
Total Petroleum Hydrocarboa C6-C35	1930	26.6	mg/kg dry	1	[CALC]	05/12/20	05/13/20	calc		

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 verifien approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 20 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project N	roject: Plaŭ umber: 700: mager: Dav	376.508.01	Florence St	. 23 ∜202H			Fax: (432)	522-2180
	B	TEX by 80	21B - Q	uality Co	ontrol					
	Pern	nian Basin	Environ	mental l	Lab, L.P					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E1104 - General Preparation (G	C)				_					
Blank (P0E1104-BL/X1)				Prepared &	Analyzed:	05/11/20				
Benzene	ND	0.00100	mg/kg wat							
Toluene	ND	0.00100	o.							
Ethylbenzene	ND	0.00100	ju j							
Xylene (p/m)	ND	0.00200	9							
Xylene (o)	ND	0.00100								
Surrogate: 4-Bromofluorobenzene	0.107		u	0.120		88.9	75-125			
Surrogate: 1,4-Diffuorobenzene	0.111		n	0.120		92.3	75-125			
LCS (P0E1104-BS1)			a Tinal	Prepared &	Analyzed:	05/11/20				
Benzene	0.105	0,00100	mg/kg wet	0,100		105	70-130			
Toluene	0.104	0.00100		0.100		104	70-130			
Ethylbenzene	0.107	0.00100		0,100		107	70-130			
Xylene (p/m)	0.220	0.00200		0.200		110	70-130			
Xylene (o)	0.106	0.00100		0.100		106	70-130			
Surrogale: 1,4-Difluovabenzene	0.115		.4	0.120		96.0	75-125			
Surragale: 4-Bromofluoraberizene	0.110		n.	0.120		91.7	75-125			
LCS Dup (P0E1104-BSD1)				Prepared &	Analyzed:	05/11/20		-	-	
Benzene	0.107	0.00100	nig/kg wet	0.100		107	70-130	2.52	20	
Toluene	0.108	0.00100		0.100		108	70-130	4,12	20	
Ethylbenzene	0.111	0.00100		0.100		111	70-130	3.56	20	
Xylens (p/m)	0,226	0.00200	6	0.200		113	70-130	2.83	20	
Xylens (o)	0.112	0.00100		0.100		112	70-130	5.67	20	
Surrogale: 1-Bromofluorobenzene	0.109		M.	0.120		90.7	75-125			
Surrogale: 1,4-Difluorohenzehe	0.115		"	0.120		96,1	75-125			
Calibration Blank (P0E1104-CCB1)				Prepared &	Analyzed:	05/11/20	_			
Benzene	0.00		mg/kg wet							
Toluene	0,950									
Ethylbenzene	0.00		н							
Xylene (p/m)	0.440		÷							
Xylene (o)	0.00		.0							
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.1	75-125			
Surrogate: -I-Bromofluorobenzene	0.109			0.120		91.0	75-125			

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 21 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project No	roject: Plair Jmber: 7003 Inager: Dav	876.508.01	Florence St	, 23 #202H			Fax: (432)	522-2180
	B	FEX by 80)21B - Qi	ality Co	ontrol					
	Perm	iau Basin	Environ	mental I	Lab, L.P	k				
Analyte	Result	Reporting Limit	Units	Spike	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E1104 - General Preparation (G	C)			_						
Calibration Blank (P0E1104-CCB2)				Prepared &	Analyzed:	05/11/20				
Benzene	0.00		mg/kg wet							
Toluene	1.29									
lhylbenzene	0.590									
(ylans (p/m)	1.25									
Kylene (o)	0.360		÷							
Surragate: 1,4-Difluorabenzene	0.110		'n	0.120		91.4	75-125			
Surragate: 4-Bromofluorobenzeue	0.110			0.120		92.0	75-125			
Calibration Check (P0E1104-CCV1)				Prepared &	Analyzed:	05/11/20				
3enzene	0.106	0.00100	mg/kg wet	0.100		106	80-120			
oluene	0.102	0.00100	4	0.100		102	80-120			
Sthylbenzene	0.103	0.00100		0.100		103	80-120			
(ylene (p/m)	0.214	0.00200		0.200		107	80-120			
Kylene (o)	0.106	0.00100	0	0,100		106	80-120			
Surrogate: 4-Bromofluorohenzene	0.111		H.	0.120		92.7	75-125	_		
Surrogate: 1,4-Difluorobenzene	0.115		14	0.120		95.8	75-125			
Calibration Check (P0E1104-CCV2)				Prepared &	Analyzed:	05/11/20	i o c			
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.103	0.00100		0.100		103	80-120			
Ethylbenzene	0.105	0.00100		0,100		105	80-120			
Xylene (p/m)	0.209	0.00200		0,200		105	80-120			
Sylene (o)	0.109	0,00100	e.	0,100		109	80-120			
Surrogate: 1,4-Diffuoroheuzene	0.115		11	0.120		95.7	75-125			
Surrogate: 4-Bromofluorobenzene	0,112		"	0,120		92,9	75-125			
Calibration Check (P0E1104-CCV3)				Prepared; ()5/11/20 Au	nalyzed: 05	/12/20			
Benzone	0.105	0,00100	mg/kg wet	0.100		105	80-120			
Toluene	0,103	0.00100		0,100		103	80-120			
Ethylbenzene	0,106	0.00100	U	0.100		106	80-120			
Xylene (p/m)	0.208	0,00200		0.200		104	80-120			
Nylene (o)	0.109	0.00100		0.100		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		R	0.120		97,1	75-125			
Surrogale: 4-Bromofluorohenzene	0.111			0.120		92.7	75-125			

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 entirely, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 22 of 34

	이 이 것 같은 것 같은 것 같은 것 같이 같이 없는 것 같이 않는 것 않는 것 같이 않는 것 같이 않는 것 같이 않는 것 않는 것 않 않는 것 않는 것 같이 않는 것 않는	- Quality Control ironmental Lab, L.P.	
Midland TX, 79706	Project Manager:	David Adkins	
2901 S. State Hwy 349	Project Number:	700376,508.01	
Talon LPE	Project:	Plains Matador Florence St. 23 #202H	Fax: (432) 522-218(

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P0E1104 - General Preparation (GC)						_				
Matrix Spike (P0E1104-MS1)	Sou	rce: 0E11004	-18	Prepared:	05/11/20 Ar	nalyzed: 05.	/12/20		-	
Benzene	0.0784	0.00106	mg/kg dry	0.106	ND	73.7	80-120			
Toluene	0.0645	0.00106		0.106	0.00227	58.5	80-120			
Ethylbenzene	0.0554	0.00106		0.105	0.00556	46.9	80-120			
Xylene (p/m)	0.110	0.00213		0,213	0.0308	37.5	80-120			
Xylene (o)	0.0525	0.00106		0.106	0.0159	34.4	80-120			
Surrogate: 4-Bromofluorobensene	0.123		n	0,128		96.5	75-125	-		
Surrogate: 1,4-Difluorobenzene	0.126			0.128		98.9	75-125			
Matrix Spike Dup (P0E1104-MSD1)	Sou	rce: 0E11004	-18	Prepared:	05/11/20 Ar	nalyzed: 05	/12/20			
Benzene	0.0843	0.00106	mg/kg dry	0.106	ND	79.3	80-120	7.23	20	
Toluene	0,0681	0.00106		0.106	0.00227	61,9	80-120	5.58	20	
Ethylbenzene	0.0579	0.00106		0.106	0.00556	49.2	80-120	4.77	20	
Xylene (p/m)	0.109	0.00213		0.213	0.0308	36.9	80-120	1.47	20	
Xylens (o)	0,0705	0.00106	- H	0.106	0.0159	51.3	80-120	39.4	20	
Surrogate: 1,4-Difluorohenzene	0.125		11	0.128		97.7	75-125			
Surrogale: 4-Bromofluorobenzene	0.119		-ie	0.128		92.9	75-125			

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 23 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project Nu	roject: Pla umber: 700 unager: Dav		Florence Si	. 23 #202H			Fax: (432)	522-2180
General Ch		NAM N. N. (7					lity Con	trol		
	Perm	ian Basin	Enviror	imental	Lab, L.P					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch POE1201 - *** DEFAULT PREP **	*			_						
Blank (P0E1201-BLK1)				Prepared &	Analyzed:	05/12/20				
% Moisture	ND	0,1	%							
Duplicate (POE1201-DUP1)	Sou	rce: 0E11004	-14	Prepared &	Analyzed:	05/12/20				
% Moisture	7.0	0,1	%		7.0			0.00	20	
Duplicate (POE1201-DUP2)	Sou	rce: 0E11004	-18	Prepared &	Analyzed:	05/12/20				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Batch P0E1203 - *** DEFAULT PREP **	*		-							
Blank (P0E1203-BLK1)				Prepared &	Analyzed:	05/12/20	1			
Chloride	ND	0.100	mg/kg wei							
LCS (P0E1203-BS1)				Prepared &	z Analyzed:	05/12/20				
Chloride	398	1.00	mg/kg wet	400		99,5	80-120			
LCS Dup (P0E1203-BSD1)				Prepared &	Analyzed:	05/12/20				
Chloride	402	1.00	mg/kg wet	400	, and south	100	80-120	0,960	20	
Calibration Blank (P0E1203-CCB1)				Prepared &	2 Analyzed:	05/12/20				
Chloride	0.00		mg/kg wet	-91 P. P. P. P. P.		uran opun 5				
Calibration Blank (P0E1203-CCB2)				Prepared &	k Analyzed:	05/12/20				
Calibration Blank (FUEI203-CCB2)	0.00		mg/kg wet				_		_	
Calibration Check (P0E1203-CCV1)				Prepared A	2 Analyzed	05/12/20				
Chloride	20,2		mg/kg	20.0		101	0-200			

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 24 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706	,	Project N	109.11	ins Matador 0376,508.01 vid Adkins	Florence St	. 23 #202H			Fax: (432)	522-2180
General Chem	istry Par	ameters b	y EPA /	Standard	Method	ls - Qua	lity Con	trol		
	Pern	ian Basin	Enviro	nmental	Lab, L.P					
Analyte	Result	Reporting Limit	Units	Spike Lovel	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch POE1203 - *** DEFAULT PREP ***				_		_				
Calibration Check (POE1203-CCV2)				Prepared &	Analyzed:	05/12/20				
Chloride	20.2		mg/kg	20,0		101	0-200			
Calibration Check (P0E1203-CCV3)				Prepared:	05/12/20 Ai	nalyzed: 05	/13/20			
Chloride	20,3		mg/kg	20,0		102	0-200			
Matrix Spike (P0E1203-MS1)	Sou	urce: 0E08009	-22	Prepared &	Analyzed:	05/12/20				
Chloride	12200	29.4	mg/kg dry	2940	8660	121	80-120			QM-0
Matrix Spike (P0E1203-MS2)	Sou	nce: 0E11004	-01	Prepared &	Analyzed:	05/12/20				
Chloride	576	1.09	mg/kg dry	543	26.5	101	80-120			
Matrix Spike Dup (P0E1203-MSD1)	Sou	urce: 0E08009	-22	Prepared &	Analyzed:	05/12/20				
Chloride	12100	29.4	mg/kg dry	2940	8660	117	80-120	0,895	20	
Matrix Spike Dup (P0E1203-MSD2)	Sou	rce: 0E11004	-01	Prepared &	Analyzed:	05/12/20				
Chloride	533	1.69	ing/kg dry	543	26.5	93.2	80-120	7.76	20	
Batch POE1308 - *** DEFAULT PREP ***										
Blank (POE1308-BLK1)	100			Prepared &	Analyzed:	05/13/20				
Chloride	ND	0.100	mg/kg wet			MANY INCOL				
LCS (P0E1308-BS1)				Prepared &	Analyzed:	05/13/20				
Chloride	401	1.00	mg/kg wet	400		100	80-120			
LCS Dup (P0E1308-BSD1)				Prepared &	Analyzed:	05/13/20				
Chloride	402	1.00	mg/kg wet	400		100	80-120	0.214	20	

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 25 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project N	and the second second	ins Malador 0376.508.01 vid Adkins	Florence St	t. 23 #202H			Pax: (432)	522-2180
General Cl	iemistry Pars	uneters by	y EPA / S	Standard	Method	ls - Qua	lity Con	trol		
	Perm	ian Basin	Enviro	mental	Lab, L.P					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch POE1308 - *** DEFAULT PREP *	ù ù									
Calibration Blank (P0E1308-CCB1)				Prepared &	Analyzed:	05/13/20				
Chloride	0.00		mg/kg wet		1					
Calibration Blank (P0E1308-CCB2)				Prepared &	Analyzed:	05/13/20				
Chloride	0.00		mg/kg wet						_	
Calibration Check (P0E1308-CCV1)				Prepared &	Analyzed:	05/13/20				
Chloride	20,1		mg/kg	20.0		101	0-200			
Calibration Check (P0E1308-CCV2)				Prepared &	Analyzed:	05/13/20				
Chloride	20,2		mg/kg	20.0	an information (in the second	101	0-200			
Calibration Check (P0E1308-CCV3)				Prepared &	Analyzed:	05/13/20				
Chloride	20,6		mg/kg	20.0		103	0-200			
Matrix Spike (P0E1308-MS1)	Sou	rce: 0E11004	-16	Prepared &	Analyzed:	05/13/20				
Chloride	2370	5.21		521	1820	106	80-120			
Matrix Spike (P0E1308-MS2)	Sou	rce: 0E12007	-01	Prepared &	Analyzed:	05/13/20				
Chloride	3210	10.3	mg/kg dry	1030	2080	109	80-120	-		
Matrix Spike Dup (P0E1308-MSD1)	Sou	rce: 0E11004	-16	Prepared &	analyzed:	05/13/20				
Chloride	2360	A STATE OF THE PARTY OF THE	mg/kg dry	521	1820	104	80-120	0,408	20	
Matrix Spike Dup (P0E1308-MSD2)	Sou	rce: 0E12007	-01	Prepared &	2 Analyzed:	05/13/20				
Chloride	3190	10.3	mg/kg dry	1030	2080	107	80-120	0,713	20	

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 26 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project N	Project: Plai umber: 700 anager: Day	376.508.01	entrende St	. 43 #404H			Fax: (432)	
Total Petrole	eum Hydroca	rbons C6-	C35 by 1	CPA Met	hod 801:	5M - Qu	ality Co	ntrol		
	Perm	ian Basin	Environ	mental l	Lab, L.P	14				
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E1204 - TX 1005										
Blank (P0E1204-BLK1)				Prepared &	Analyzed:	05/12/20	-			
C6-C12	ND	25.0	ing/kg wet							
-C12-C28	ND	25,0								
C28-C35	ND	25.0	4							
Surrogate: 1-Chlorogotane	98.2		v	100		98.2	70-130			
Surrogale: o-Terphonyl	51.0			50.0		102	70-130			
LCS (P0E1204-BS1)				Prepared &	Analyzed:	05/12/20				
C6-C12	1050	25,0	mg/kg wet	1000		105	75-125			
C12-C28	1130	25.0		1000		J13	75-125			
Surrogate: 1-Chlorooctane	113		it.	100		113	70-130			
Surrogate: o-Terphenyl	45.8			50.0		91.5	70-130			
LCS Dup (P0E1204-BSD1)				Prepared &	Analyzed:	05/12/20				
36-C12	994	25.0	mg/kg wet	1000		99.4	75-125	5.16	20	
C12-C28	1090	25,0	.0	1000		109	75-125	3.37	20	
Surrogate: 1-Chloroostane	108		"	100		108	70-130			
Surrogato: o-Terphenyl	44.2			50.0		88.3	70-130			
Calibration Blank (P0E1204-CCB1)				Prepared &	Analyzed:	05/12/20	_			
26-C12	4,73		mg/kg wet							
C12-C28	15.6									
Surragate: 1-Chloroactane	99.8	_	"	100		99.8	70-130			
Surragale: o-Terphonyl	51.7		"	50.0		103	70-130			
Calibration Blank (P0E1204-CCB2)			_	Prepared &	Analyzed:	05/12/20				
C6-C12	8.47		ing/kg wet							
C12-C28	14.3									
Surrogate: 1-Chlorooctane	103		"	100		103	70-130			
Surrogate: o-Terphenyl	51.4			50.0		103	70-130			

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 entirely, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 27 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project N	1. C. M. 1997 (1997)	ins Matador)376.508.01 vid Adkins	Florence St	. 23 #202H	0		Fax: (432)	522-2180
Total Petrole	um Hydrocarb	ons C6-	C35 by	EPA Met	hod 801.	5M - QI	ality Co	ntrol		
	Permia	n Basin	Enviror	nmental l	Lab, L.P	6.6				
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E1204 - TX 1005						-		0		
Calibration Check (P0E1204-CCVI)			1.1.1	Prepared &	Analyzed:	05/12/20			_	
C6-C12	533	25.0	mg/kg wet	500		107	85-115			
>C12-C28	470	25.0		500		94.1	85-115			
Surrogate: 1-Chlorooctane	106		17	100		105	70-130			
Surragate: o-Terphenyl	47.5		H.	50,0		95.0	70-130			
Calibration Check (P0E1204-CCV2)				Prepared &	Analyzed:	05/12/20				
C6-C12	549	25.0	mg/kg wet	\$00		110	85-115			
>C12-C28	562	25.0		500		112	85-115			
Surragate: I-Chlorooctane	104			100		104	70-130			
Surrogate: o-Terphenyl	48.1		<i>R</i>	50.0		96.1	70-130			
Calibration Check (P0E1204-CCV3)				Prepared: 0	5/12/20 A	alyzed: 05	/13/20			
C6-C12	537	25.0	mg/kg wet	500		107	85-115			
C12-C28	538	25.0	н	500		108	85-115			
Surrogate: 1-Chlorooclane	102		ж	100		102	70-130			
Surrogate: o-Terphenyl	46.4		"	50.0		92.9	70-130			
Matrix Spike (P0E1204-MS1)	Source	: 0E11004	-01	Prepared: 0	5/12/20 At	alyzed: 05	/13/20			
C6-C12	1170	27.2	mg/kg dry	1090	47.2	103	75-125			
>C12-C28	1200	27.2		1090	351	78,5	75-125			
Surrogate: 1-Chloroactane	131		"	109		120	70-130			
Surrogate: o-Terphenyl	61.2		•	54.3		113	70-130			
Matrix Spike Dup (P0E1204-MSD1)	Source	: 0E11004	-01	Prepared: 0	5/12/20 Ar	alyzed: 05	/13/20			
C6-C12	1110	27.2	mg/kg dry	1090	47.2	97.9	75-125	5.42	20	
>C12-C28	1240	27.2	(H)	1090	351	81.5	75-125	3.85	20	
Surrogate: 1-Chloronetane	135		M	109		124	70-130			
Surrogats: o-Terphenyl	63.7		*	54,3		117	70-130			

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 28 of 34

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project N	troject: Plat umber: 700 unager: Dav		Florence St	. 23 #202H			Fax: (432)	522-2180
Total Petrole	eum Hydroca	rbons C6- tian Basin	000.000				ality Co	ntrol		
	Perm	lian basin	Enviroi	Imental	Lab, L.F.			-		
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limít	Notes
Batch P0E1206 - TX 1005										
Blank (P0E1206-BLK1)				Prepared &	Analyzed:	05/12/20				
C6-C12	ND	25.0	mg/kg wet							
-C12-C28	ND	25,0								
>C28-C35	ND	25.0								
Surrogate: 1-Chlorovetane	117			100		117	70-130			
Surrogate: 0-Terphenyl	63.5		"	50.0		127	70-130			
LCS (P0E1206-BS1)				Prepared &	Analyzed:	05/12/20				
C6-C12	1150	25.0	mg/kg wet	1000		115	75-125			
>C12-C28	1190	25.0		1000		119	75-125			
Surrogate: 1-Chlorooctane	119			100		119	70-130			
Surrogate: o-Tarphenyl	58.4		v	50.0		117	70-130			
LCS Dup (P0E1206-BSD1)				Prepared &	Analyzed:	05/12/20				
C6-C12	1180	25.0	mg/kg wet	1000		118	75-125	2.22	20	
>C12-C28	1230	25.0	Ū.	1000		123	75-125	3.37	20	
Surrogate: 1-Chlorooctane	127		0	100		127	70-130			_
Surrogate: o-Terphenyl	56.0		0	50.0		112	70-130			
Calibration Blank (P0E1206-CCB1)				Prepared &	Analyzed:	05/12/20	6.4			
C6-C12	16,6		mg/kg wet							
>C12-C28	10.7									
Surragate: 1-Chlomaciane	113		"	100		113	70-130		~ ~ ~	
Surrogate: a-Terphanyl	59.9		.11	50.0		120	70-130			
Calibration Blank (P0E1206-CCB2)				Prepared: (05/12/20 A	nalyzed: 05	/13/20			
C6-C12	20.0		mg/kg wet							
>C12-C28	19.7									
Surrogate: 1-Chloropotane	108			100		108	70-130			
Surrogate: o-Terphenyl	57.1		н.	50.0		114	70-130			

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 entirely, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 29 of 34

Surrogate: o-Terphenyl

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project N	1.04.0004	ins Matador 376.508.01 /id Adkins	Florence St	. 23 #20211			Fax: (432)	522-2180
Total Petrole	eum Hydroca Pern	rbons C6- 1ian Basin					ality Co	ntrol		
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E1206 - TX 1005				<u>.</u>		221				
Calibration Check (P0E1206-CCVI)				Prepared &	Analyzed:	05/12/20				
C6-C12	525	25.0	mg/kg wet	\$00		105	85-115			
>C12-C28	534	25.0		500		107	85-115			
Surrogate: 1-Chlorosctane	107		,n	100		107	70-130			
Surrogaie: a-Terphenyl	54.8		11	50,0		110	70-130			
Calibration Check (P0E1206-CCV2)				Prepared: (05/12/20 A	nalyzed: 05	/13/20			
C6-C12	513	25.0	mg/kg wet	500		103	85-115			
>C12-C28	556	25.0		500		111	85-115			
Surrogate: 1-Chloroociane	105		"	100	-	105	70-130			
Surrogate: o-Terphenyl	52,8		<i>n</i> -	50.0		106	70-130			
Calibration Check (P0E1206-CCV3)				Prepared: (05/12/20 A	nalyzed: 05	/13/20			
C6-C12	537	25.0	mg/kg wet	500		107	85-115			
>C12-C28	548	25.0		500		110	85-115			
Surrogate: 1-Chloroostane	109		н	100		109	70-130			

50.0

55.3

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 vertition approval of Permion Basin Environmental Lab.

111

70-130

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 30 of 34

	B tate Hwy 349 FX, 79706	Project Number:	Project: Plains Malador Florence St. 23 #20211 Project Number: 700376.508.01 Project Manager: David Adkins				
		Notes and De	finitions				
-GĊ	Surrogate recovery outside of control lin	nits. The data was accepted base	ed on valid recovery of the remaining surrogate.				
01	Received on Ice						
M-05	The spike recovery was outside acceptar within acceptance limits showing that th		D due to matrix interference. The LCS and/or LCS e data is acceptable.	D were			
ULK	Samples received in Bulk soil containers						
ET	Analyte DETECTED						
D	Analyte NOT DETECTED at or above the rep	sorting limit					
R	Not Reported						
y	Sample results reported on a dry weight basis						
PD	Relative Percent Difference						
CS	Laboratory Control Spike						
IS	Matrix Spike						
	Duplicate						

Report Approved By:

Date: 5/14/2020

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.

Bun Barron

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 Permion Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 31 of 34

Talon LPE	Project:	Plains Matador Florence St. 23 #202H	Fax: (432) 522-2180
2901 S. State Hwy 349	Project Number:	700376.508.01	
Midland TX, 79706	Project Manager:	David Adkins	

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 32 of 34

Received by OCD: 4/7/2022 3:00:34 PM

Released to Imaging: 6/28/2022 1:57:37 PM

Received by OCD: 4/7/2022 3:00:34 PM

Lage 34 of 34 TAT bisbosts > N N Lone.Star C NPDES RUPT (Pre-Sofredule) 24, 48, 72 him N な Project Name: MATADOR, FLORENCE 54, 35 ×1> 西西 3 NNN. Phone: 432-686-7235 TRRP by Sampler/Client Rep. ? by Countient Rep. ? Temperature Upon Receipt Received: 5 °C Pack-1 Earbels:on.contramer(s). Custody seals on container(s). Custody seals on container(s). Custody seals on segeler(s). Sample Hand Delivered Project #: 1003710. 598.01 CK VOCs Free of Headspace? Analyze For Laboratory Comments: Sample Containers (plact Project Loc: LEG (DUNTY PO# 2020 - 043 D Standard TCLP: TOTAL S W 5108 HAL 7 ろう BTEX 6021E/5030 of BTEX 6260 Report Format 1 Vulous (C) 204' Vikalutty) > PAULD ADVING LAD RESULTS OS WELLAS 12:47 BE alle line 9001 X 1X 1008 Hd. spearly other oldend-non-de Matrix SOLU SW= Groudwaler 6=80 PIPEAR Soul MCOLLET & LALDNUFE, CON dadkins O tecon epercent ogbuigels voter stesiudge Permian Basin Environmental Lab, LP Date an 19 Date Other (Specify) BUON STSTO? Preservation & # of Co HOBN Midland, Texas 79701 *os*H ŝ 1400 Rankin HWY IOH CONH CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST 00 2 folal #, of Containers MYSELF pereilli Filtered 30 e-mail: ann Holedson Fax No: 1:35 Pm -30 Pr 7:25 PM J.300m 1:15 PM 1: 20 Pre 1: 25 P 1: 400balqma8 emiT red by PBE BILL TO AMBER GROUES BY PLAINS ALL ANGREAN PRELINE elinquished by Received by Date Time Received by 5.8-2010 07.07-L-S 5-8-7020 5-7-2020 Received by: Date Sampled 88210 1.5'2! 158 1.5 R 1.5 R 1.5'2 5.6 5,2 A SI didad palbria Time. 13:47 8 RUE aginning Depti MWN Company Address: 408 W. TEXAS 575- THU- 8768 Jo. 5/11/20 Oate Data 3 D. ADKINS THURN LPE ARTESIA NLO FIELD CODE 1 Sampler Signature: Project Manager: Company Name Telephone No: ORDER#: 0€11004 City/State/Zip: N.5w-3 3 ¢ Special Instructions: 5-54-22 E.Sw--1735171 S-3 3 54 5.5 telinguished by: 2 (Nabicise 'oally) (Aluo asn del) # BY

Released to Imaging: 6/28/2022 1:57:37 PM

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



Analytical Report

Prepared for:

David Adkins Talon LPE 2901 S. State Hwy 349 Midland, TX 79706

Project: Matador Florence ST. 23 202H Project Number: 700376.508.01 Location: Lea County, NM

Lab Order Number: 0E20016



NELAP/TCEQ # T104704516-18-9

Report Date: 05/28/20

Page 1 of 23
W.SW-2 @ 1.5

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706	Project: Matador Flo Project Number: 700376.508. Project Manager: David Adkir		Fax: (432) 522-2180	
	ANALYTICAL REPORT FOR SAM	PLES		
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1 @ 2.5'	0E20016-01	Soil	05/19/20 09:50	05-20-2020 15:29
S-2@2.5	0E20016-02	Soil	05/19/20 10:00	05-20-2020 15:29
\$-3 @ 2.5	0E20016-03	Soil	05/19/20 10:20	05-20-2020 15:29
S-4 @ 2.5'	0E20016-04	Soil	05/19/20 10:50	05-20-2020 15:29
N. SW @ 1.5'	0E20016-05	Soil	05/19/20 11:40	05-20-2020 15:29
S. SW @ 1.5'	0E20016-06	Soil	05/19/20 10:50	05-20-2020 15:29
E. SW @ 1.5	0E20016-07	Soil	05/19/20 11:50	05-20-2020 15:25
W. SW @ 1.5'	0E20016-08	Soil	05/19/20 11:10	05-20-2020 15:29
S-6 @ 1.5	0E20016-09	Soil	05/19/20 13:00	05-20-2020 15:29
S-7@1.5	0E20016-10	Soil	05/19/20 13:35	05-20-2020 15:25
S.SW-2 @ 1.5'	0E20016-11	Soil	05/19/20 14:00	05-20-2020 15:29
E.SW-2 @ 1.5'	0E20016-12	Soil	05/19/20 13:30	05-20-2020 15:29

0E20016-13

Soil

05/19/20 13:10

05-20-2020 15:29

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 2 of 23

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project Num	ject: Matador ber; 700376. ger: David A	508.01	ST. 23 2021	í.		Fax: (432) 52	2-2180
(mana) (A, 1270)		, rigeer (maile	Derr. Frankriker						
		e	-1 @ 2.5'						
			[이지 김도 가격이 좋다						
		01620	016-01 (Soil)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Pern	nian Basin I	Environmen	tal Lab,	L.P.				
General Chemistry Parameters by EF	A / Standard Method	s							
% Moisture	8.0	0,1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C.	35 by EPA Method 80	15M							
C6-C12	ND	27.2	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
>C12-C28	65.9	27.2	mg/kg diy	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
>C28-C35	36.4	27.2	mg/kg dry		P0E2105	05/21/20	05/21/20	TPH 8015M	
Surrogale: 1-Chlorooclane		96.4%	70-13	0	P0E2105	05/21/20	05/21/20	TPH 8015M	
Surragate: o-Terphonyl		108 %	70-13	0	POE2105	05/21/20	05/21/20	TPH 801514	
Total Petroleum Hydrocarbon C6-C35	102	27.2	mg/kg dry	1	[CALC]	05/21/20	05/21/20	calc	

The results in this report apply to the samples analysed 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.

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project: Matador Florence ST. 23 202H Project Number: 700376.508.01 Project Manager: David Adkins						Fax: (432) 522-2180		
			2 @ 2.5' 016-02 (So	il)						
Ansiyte	Result	Reporting Limit	Units.	Dilution	Batch	Prepared	Analyzed	Method	Notes	
<u>General Chemistry Parameters by EPA /</u> % Moisture		nian Basin F Is 0,1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216		
Total Petroleum Hydrocarbons C6-C35	by EPA Method 80	15M								
C6-C12	ND	28.7	mg/kg day	1	P0E2105	05/21/20	05/21/20	TPH 8015M		
>C12-C28	ND	28.7	mg/kg dry	1	P0E2105	05/21/20	03/21/20	TPH 8015M		
>C12-C28 >C28-C35	ND ND	28.7 28.7	ing/kg dry mg/kg dry	1	P0E2105 P0E2105	05/21/20 05/21/20	05/21/20 05/21/20	TPH 8015M TPH 8015M		
-C28-C35				1 1 30						
		28.7	mg/kg dry		P0E2105	05/21/20	05/21/20	TPH 8015M		

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 4 of 23

Talon LPE 2901 S. State Hwy 349		Project Num	ber; 700376.	.508.01	ST. 23 2021			Fax: (432) 52	2-2180
Midland TX, 79706		Project Mana	ger: David A	dkins					
		S	3 @ 2.5						
		0E20	016-03 (Soi	0					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin I	Environmen	tal Lab,	L.P.				
General Chemistry Parameters by EPA /	Standard Method	ls			_				
% Moisture	9,0	0.1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 1	by EPA Method 80	15M			-				
C6-C12	ND	27.5	mg/kg dry	4	P0E2105	05/21/20	05/21/20	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
Surrogaue: 1-Chlorooctane		96.4 %	70-1	30	P0E2105	03/21/20	05721/20	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-1	30	POE2105	05/21/20	05/21/20	TPH 8015M	
	ND	27.5	mg/kg dry		[CALC]	05/21/20	05/21/20	cale	

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 entirely, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 5 of 23

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Proj Project Num Project Mana		.508.01	Fax: (432) 57	2-2180			
Second Contraction			-4 @ 2.5'						
		0E20	016-04 (Soi	il)					_
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA /		uan Basin I s	Environmen	ital Lab,	L.P.				
% Moisture	8.0	0.1	%	t	P0E2103	05/21/20	05/21/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 80	15M							
C6-C12	ND	27.2	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	i i	P0E2105	05/21/20	05/21/20	TPH 8015M	
Surrogate: 1-Chlorooclany		91.9%	70-1	30	P0E2105	05/21/20	05/21/20	TPH 801514	
Survogate: o-Terphenyl		103 %	70-1	30	P0E2105	05/21/20	05/21/20	1PH 801514	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	05/21/20	05/21/20	cale	

The results in this report opply 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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 6 of 23

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project: Matador Florence ST. 23 20211 Project Number: 700376.508.01 Project Manager: David Adkins							
		N. :	SW @ 1.5						
		0E20	016-05 (So	i)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / % Moisture		nian Basin I <u>Is</u> 0.1	invironmen %	ital Lab,	L. P. P0E2103	05/21/20	05/21/20	ASTM 132216	
Fotal Petroleum Hydrocarbons C6-C35 1	y EPA Method 80	15M			111	- 0.5			
C6-C12	ND	26.9	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg diy	1/ -	P0E2105	05/21/20	05/21/20	TPH 8015M	
-C28-C35	ND	26.9	mg/kg dry		P0E2105	05/21/20	05/21/20	TPH 8015M	
Surrogate: 1-Chlorooctane		93.4%	70-1	30	POE2105	05/21/20	05/21/20	TPH 8015M	
Surrogate: o-Terphenyl		104 %	70-1	30	P0E2105	05/21/20	05/21/20	TPH 8015M	
Fotal Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1.1	[CALC]	05/21/20	05/21/20	calo	

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 entirely, with written approval of Perulan Basin Environmental Lab.

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Fax: (432) 52	2-2180						
			SW @ 1.5' 016-06 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		nian Basin I	Environmen	tal Lab,	L.P.				
General Chemistry Parameters by EPA / % Moisture	Standard Method 6.0	<u>s</u> 0,1	%	i	P0E2103	05/21/20	05/21/20	ASTM D2216	
fotal Petroleum Hydrocarbons C6-C35 l	ov EPA Method 80	15M				1			
C6-C12	ND	26.6	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
-C12-C28	ND	26.6	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
•C28-C35	ND	26.6	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
Surrogate: 1-Chloroovtone		91.1 %	70-1.	30	POE2105	05/21/20	05/21/20	TPH 8015M	
Surrogale: o-Terphenyl		102 %	70-1.	30	POE2105	05/21/20	05/21/20	TPH 8015M	
fotal Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry		[CALC]	05/21/20	05/21/20	calc	

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 entirely, with written approval of Permian flasin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 8 of 23

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Proj Project Num Project Mana		508.01		Fax: (432) 522-2180			
		E. (SW @ 1.5						
		01520	016-07 (So	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EP		tian Basin I s	Environmen	ita) Lab,	L.P.				
% Moisture	7.0	0.1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M	1.1.1.1						_
C6-C12	ND	26.9	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
·C12-C28	34.6	26.9	mg/kg dry	- 1 A	P0E2105	05/21/20	05/21/20	TPH 8015M	
C28-C35	ND	26.9	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
Surrogate: 1-Chloroactane		93.4 %	70-1	30	P0E2105	05/21/20	05/21/20	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-1	30	POE2105	05/21/20	05/21/20	TPH 8015M	
Total Petrojeum Hydrocarbon C6-C35	34.6	26.9	mg/kg dry		[CALC]	05/21/20	05/21/20	culc	

1

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.

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Proj Project Num Project Mana	1. ACT 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	08.01			Fax: (432) 52	2-2180	
		W.	SW @ 1.5'						
		0E20	016-08 (Soil)	l					
Anatyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Paraméters by EP/ % Moisture			invironment %	al Lab,	L.P. P0E2103	05/21/20	05/21/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M	140 May 199			1.			
C6-C12	ND	26.3	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
>C12-C28	77.1	26.3	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P0E2105	05/21/20	05/21/20	TPH 8015M	
Surrogate: 1-Chloraoctane		96.5 %	70-13	9	P0E2105	05/21/20	05/21/20	TPH 8015M	
Surrogato: a-Terphenyl		108 %	70-13	0	P0E2105	05/21/20	05/21/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	77,1	26.3	mg/kg dry	ţ	[CALC]	05/21/20	05/21/20	ealc	

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 10 of 23

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project Num	cet: Matador ber: 700376. ger: David A	508.01	ST. 23 202H	ľ.		Fax: (432) 52	2-2180
		S	6 @ 1.5'		(
		0E20	016-09 (Soil)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EP			Invironmen	tal Lab, I	L,P.		Ľ.	1.1	
% Moisture	9.0	0.1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
fotal Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M							
C6-C12	ND	27.5	mg/kg dry	4	P0E2107	05/21/20	05/23/20	TPH 8015M	
-C12-C28	39.5	27.5	nig/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
Surrogate: 1-Chlarooctane		104 %	70-13	0	POE2107	05/21/20	05/23/20	TPH 8015M	
Surragate: a-Terphenyl		119 %	70-13	0	POE2107	05/21/20	05/23/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	39.5	27.5	mg/kg dry	1	[CALC]	05/21/20	05/23/20	calc	

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 11 of 23

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Proj Project Num Project Mana		508.01	ST: 23 202F			Fax: (432) 52	2-2180
		S	7 @ 1.5'						
		0E20	016-10 (Soi	Ŋ					-
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Seneral Chemistry Parameters by EP.		nian Basin I s	Environmen	tal Lab, 1	L.P.				
% Maisture	8.0	0.1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M							
C6-C12	ND	27,2	mg/kg dry	4	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C12-C28	58.5	27.2	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
Surrogate: 1-Chlorogetane		99.1%	70-1.	30	P0E2107	05/21/20	05/23/20	TPH 8015M	
Surrogate: o-Terphenyl		11.1%	70-1.	30	P0E2107	05/21/20	05/23/20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	58.5	27.2	mg/kg dry	1	[CALC]	05/21/20	05/23/20	cale	

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 Permion Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 12 of 23

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project: Matador Florence ST, 23 2021 Project Number: 700376.508.01 Project Manager: David Adkins							2-2180
			V-2 @ 1.5'						
		0E20	016-11 (Soil)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EP.	A / Standard Methor			tal Lab, l	F0E2103			ASTM D2216	
% Moisture	2.0	0.1	%		PORZIUS	05/21/20	05/21/20	ASTIMUZZIU	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M							
C6-C12	ND	25.5	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C12-C28	536	25.5	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C28-C35	102	25.5	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
Surrogate: 1-Chloraactane		98.8 %	70-13	0	P0E2107	05/21/20	05/23/20	7TH 8015M	
Surrogate: n-Terphenyl		2.40 %	70-13	0	P0E2107	05/21/20	05/23/20	TPH 801514	S-GC
Total Petroleum Hydrocarbon C6-C35	637	25.5	mg/kg dry	1	[CALC]	05/21/20	05/23/20	calc	

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 entirely, with written approval of Permian Baxin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 13 of 23

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project Num Project Mana		5.508.01	ST, 23 202)	1		Fax: (432) 57	2-2180
		E.S	W-2 @ 1.	5'					
		0E20	016-12 (So	il)					_
Analyle	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EP		nian Basin I s	Enviroume	ntal Lab, (L,P,				
% Moisture	6.0	0.1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
Cotal Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M							
C6-C12	ND	26.6	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
>C12-C28	874	26,6	mg/kg dry	a.	P0E2107	05/21/20	05/23/20	TPH 8015M	
-C28-C35	179	26.6	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
Surrogata: 1-Chlorooctane		102 %	70-1	30	P0E2107	05/21/20	05/23/20	TPH 801514	
Surrogene: o-Terphenyl		117%	70-1	30	P052107	05/21/20	05/23/20	TPH 8015M	
fotal Petroleum Hydrocarbon C6-C35	1050	26.6	mg/kg diy	1	[CALC]	05/21/20	05/23/20	calo	

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 14 of 23

Talon LPE 2901 S. State Hwy 349		roject Num		508.01	ST. 23 2021	I		Fax; (432) 52	2-2180
Midland TX, 79706	P	roject Mana	ger. David A	dkins					_
		W.S	W-2@1.5						
		0E20	016-13 (Soil)					
Analyte	Result	Reporting Lîmît	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Courseal Observations Providence for FFF		an Basin I	Environmen	tal Lab, I	.,,P.				
General Chemistry Parameters by EF % Moisture	4.0	0.1	%	1	P0E2103	05/21/20	05/21/20	ASTM D2216	
Cotal Petroleum Hydrocarbons C6-C3						05121120	03121120		
A LOW TO THE REPORT OF A DECK	ND	26.0	mg/kg dry	1	P0E2107	05/21/20	05/23/20	TPH 8015M	
C6-C12	and the second		mg/kg dry ng/kg dry	1	P0E2107 P0E2107	05/21/20		TPH 8015M TPH 8015M	
26-C12 C12-C28	ND	26.0		1			05/23/20 05/23/20 05/23/20		
26-C12 C12-C28 C28-C35	ND 186	26.0 26.0	mg/kg diy	1 1 1	P0E2107	05/21/20	05/23/20	TPH 8015M	
26-C12 •C12-C28 •C28-C35 inragate: 1-Chlorooctone inragate: o-Terphenyl	ND 186	26.0 26.0 26.0	mg/kg dry mg/kg dry		P0E2107 P0E2107	05/21/20 05/21/20	05/23/20 05/23/20	TPH 8015M TPH 8015M	

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 entirely, with written approval of Permian Basin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 15 of 23

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project Nu	mber: 70	latador Floren 00376.508.0 avid Adkins	ice ST. 23 2	0211			Fax: (432)	522-2180	
General Chemistry Parameters by EPA / Standard Methods - 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 POE2103 - *** DEFAULT PR	EP ***										
Blank (P0E2103-BLK1)				Prepared &	Analyzed:	05/21/20					
% Moisture	ND	0,1	%								
Doplicate (P0E2103-DUP1)	Sour	ce: 0E20004-	01	Prepared &	Analyzed:	05/21/20					
% Moisture	4.0	0.1	%		4.0			0.00	20		
Duplicate (P0E2103-DUP2)	Sour	ce: 0E20010-	06	Prepared &	Analyzed:	05/21/20					
% Moisture	3,0	0,1	%		3.0			0.00	20		
Duplicate (P0E2103-DUP3)	Sour	ce: 0E20012-	13	Prepared &	Analyzed:	05/21/20					
% Moisture	7.0	0.1	%		7.0			0.00	20		
Duplicate (P0E2103-DUP4)	Sour	'ce: 0E20015-	01	Prepared &	Analyzed:	05/21/20					
% Moisture	6.0	0.1	%		5.0			18.2	20		

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

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 16 of 23

Taton LPE 2901 S. State Hwy 349 Midland TX, 79706	-	Project N	Project: Ma umber: 700 anager: Dav		ce ST, 23 2	02H			Fax: (432)	522-218(
Total Petrole			A				ality Co	ntrol		
	Pern	ian Basin	Enviroi	mental l	Lab, L.P					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P0E2105 - TX 1005				_		0.00				
Blank (POE2105-BLICI)				Prepared &	Analyzed:	05/21/20				
C6-C12	ND	25,0	nig/kg wel							
>C12-C28	ND	25.0	9							
>C28-C35	ND	25,0	ii.							
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Sucrogate: o-Terphenyd	59.0			50.0		118	70-130			
LCS (P0E2105-BS1)				Prepared &	Analyzed:	05/21/20				
C6-C12	1150	25.0	mg/kg wet	1000		115	75-125			
>C12-C28	1230	25.0		1000		123	75-125			
Surrogate: 1-Chlorooctane	105		. w. ~	100		105	70-130			
Surrogata: a-Terphenyl	57.7		н	.50.0		115	70-130			
LCS Dup (P0E2105-RSD1)				Prepared &	Analyzed:	05/21/20				
C6-C12	1060	25.0	mg/kg wet	1000		106	75-125	7,90	20	
>C12-C28	1190	25.0		1000		119	75-125	2.70	20	
Surrogate: 1-Chlorooctone	129			100		129	70-130			
Surragute: a-Terphenyd	54,9			50.0		110	70-130			
Calibration Blank (P0E2105-CCB1)				Prepared &	Analyzed:	05/21/20				
C6-C12	9.15		mg/kg wet							
>C12-C28	19.6									
Surrogate: 1-Chlorooctane	115		ш	100		115	70-130			
Surrogate: o-Terphenyl	63.4		-	50.0		127	70-130			
Calibration Check (P0E2105-CCV1)				Prepared &	Analyzed:	05/21/20				
C6-C12	532	25.0	mg/kg wet	500		106	85-115			
>C12-C28	550	25.0		500		110	85-115			
Surrogate: 1-Chlorooctane	118		n	100		118	70-130			
Surrogate: o-Terphenyl	56.3		м	50.0		113	70-130			

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-Bosin Environmental Lab.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 17 of 23

Talon LPE 2901 S. State Hwy 349 Midland TX; 79706		Project N	Project: Ma lumber: 700 anager: Da		ce ST, 23 2	0211			Fax: (432)	522-2180			
Total Petrol	eum Hydroca	rbons C6	-C35 by	EPA Met	hod 801.	5M - Q1	ality Co	ntrol					
		ian Bash											
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes			
Batch P0E2105 - TX 1005													
Duplicate (P0E2105-DUP1)	Sou	rce: 0E20010	5-08	Prepared &	Analyzed:	05/21/20							
C6-C12	ND	26.3	mg/kg dry		10,8				20				
>C12-C28	82.7	26,3			77.1			7.05	20				
Surrogate: 1-Chlorooctane	106		49	105		101	70-130						
Surrogata: o-Terphenyd	59.4		17	52.6		113	70-130						
Batch P0E2107 - TX 1005							-						
Blank (P0E2107-BLK1)	Prepared: 05/21/20 Analyzed; 05/23/20												
C6-C12	ND	25.0	mg/kg wet										
>C12-C28	ND	25.0	ń										
>C28-C35	ND	25,0	in l										
Surrogate: 1-Chloroactane	110		"	300		110	70-130						
Surragate: o-Terphenyl	59.5			50.0		119	70-130						
LCS (P0E2107-BS1)				Prepared: 0	5/21/20 An	alyzed: 05	/23/20						
C6-C12	1130	25.0	mg/kg wet	1000	www.eur	113	75-125						
>C12-C28	1250	25.0	W	1000		125	75-125						
Surrogate: 1-Chlorooctane	125		u	100		125	70-130						
Surrogate: o-Terphenyl	58.5			50.0		117	70-130						
LCS Dup (P0E2107-BSD1)				Prepared: 0	5/21/20 An	alyzed: 05	/23/20						
C6-C12	1120	25.0	mg/kg wet	1000		112	75-125	0.861	20				
>C12-C28	1240	25,0	н	1000		124	75-125	0.667	20				
Surrogate: 1-Chlorooctane	125		u	100		125	70-130						
Surrogate: a-Terphenyl	57.2		<i>i</i>	50.0		114	70-130						
Calibration Blank (P0E2107-CCB1)				Prepared: 0.	5/21/20 An	alyzed: 05/	23/20						
C6-C12	9.44		mg/kg wet			and the second for	1011312						
>C12-C28	6.34		4										
Surrogate: 1-Chlorooctane	110		"	100		110	70-130						
Surrogate: o-Terphenyl	59.5		"	50.0		119	70-130						

The results in this report apply to the samples analysed 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.

Talon LPE. 2901 S. State Hvyy 349 Midland TX, 79706		Project N	CARGE COLUMN	atador Florer 0376.508.01 wid Adkins	ice ST. 23 2	02H			Fax: (432) 522-2180		
Total Petrol	eum Hydroca						ality Co	ntrol				
	Perm	ian Basir	Enviro	nmental	Lab, L.P		_					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limi(Notes		
Batch P0E2107 - TX 1005												
Calibration Blank (P0E2107-CCB2)				Prepared: (05/21/20 A	nalyzed: 05	/23/20					
C6-C12	12.0		mg/kg wei									
>C12-C28	11.5											
Surrogate: 1-Chloroockme	101		16	100		104	70-130					
Surrogute: o-Terphenyl	56.4		*	50.0		113	70-130					
Calibration Check (P0E2107-CCV1)	Prepared: 05/21/20 Analyzed: 05/23/20											
C6-C12	551	25.0	mg/kg wei	500		110	85-115					
>C12-C28	564	25,0		500		113	85-115					
Surragais: 1-Chloroovtane	121			100		121	70-130					
Surrogate: o-Terphonyl	55.5		- 04	50.0		m	70-130					
Calibration Check (P0E2107-CCV2)				Prepared: (5/21/20 Ar	nalyzed: 05	/23/20					
C6-C12	546	25.0	mg/kg wet	500		109	85-115					
>C12-C28	559	25,0	н	500		112	85-115					
Surrogate: 1-Chlorooctane	122			100		122	70-130					
Surrogate: o-Terphenyl	56.6		ai.	50.0		113	70-130					
Calibration Check (P0E2107-CCV3)				Prepared: C	5/21/20 Ar	alyzed: 05	/24/20					
C6-C12	507	25.0	mg/kg wet	500		101	85-115					
>C12-C28	540	25.0		500		108	85-115					
Surrogate: 1-Chlorooctane	115		"	100		115	70-130					
Surragate: o-Terphenyl	51.6			50,0		103	70-130					
Matrix Spike (P0E2107-MS1)	Sou	rce: 0E21004	-04	Prepared: 0	5/21/20 Ar	alyzed: 05	/24/20					
C6-C12	1120	25.0	mg/kg dry	1000	18.3	111	75-125					
>C12-C28	1230	25.0	a.	1000	ND	123	75-125					
Surrogate: 1-Chlorooctave	113			100		113	70-130					
Surrogate: o-Terphenyl	44.6		<i>w</i>	50.0		89.3	70-130					

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.

>C12-C28

Surrogate: 1-Chlorooctane

Surrogate: o-Terphenyl

Talon LPE 2901 S. State Hwy 349 Midland TX, 79706		Project Nu	imber: 70	atador Floren 0376.508.01 avid Adkins	oe ST. 23 2	02 4			Fax: (432)	522-2180		
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 P0E2107 - TX 1005												
Matrix Spike Dup (P0E2107-MSD1)	Sou	rce: 0E21004-	04	Prepared: (5/21/20 A	nalyzed: 05	/24/20					
C6-C12	1110	25.0	mg/kg dry	1000	18,3	109	75-125	1.31	20			

..

"

н.

1000

100

50,0

ND

123

111

88.6

75-125

70-130

70-130

0.742

20

1230

111

44.3

25,0

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Page 20 of 23

	E tate Hwy 349 FX, 79706	Project: Project Number: Project Manager:	Fax: (432) 522-2180	
		Notes and De	finitions	
S-GC	Surrogate recovery outside of control limits. The da	ta was accepted base	d on valid recovery of the remaining surrogate.	
ROI	Received on Ice			
BULK	Samples received in Bulk soil containers			
ET	Analyle DETECTED			
D	Analyte NOT DETECTED at or above the reporting limit			
IR.	Not Reported			
iy	Sample results reported on a dry weight basis			
PD	Relative Percent Difference			
.CS	Laboratory Control Spike			
IS	Matrix Spike			
up	Duplicate			

Report Approved By:

Bun Burron

5/28/2020

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.

1400 Rankin HWY Midland, TX 79701 432-686-7235

Date:

Page 21 of 23

Received by OCD: 4/7/2022 3:00:34 PM

Special Instructions: ORDER # (lab use only) telinquished by: telinquished by: Bill : alinquished by: 0 00 01 AB # (lab use only) 0 (5 0 S PBELAB Sampler Signature: Telephone No: City/State/Zip: Company Name Project Manager: Company Address: W. SW. CA N IN plains N (i) U N N 2 0570014 2 1 1 1 1 ì 30 p 3 4 5 SE W 2 2 5 FIELD CODE All American 2. NN 2:5 55 Portesia is is 1.57 5 5 in in 2 408 W. Talon 575-441.483 V AOKES 5-20-20 CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST 4 Date Uate Date えろ 2007 Texas Pin Der Beginning Depth 120 Fight ine Ime 2.5 2.5 55 2.4 53 15 in 1.3 2.2 in Ending Depth Å co Received by: Keoswed by PBE Received by: 5 そん Guanes 0 119/20 Date Sampled Port a 1 mas 4 0 135 pm Yed Da 1150 1110 1050 1140 0950 050 1620 1000 pre Fax No: Time Sampled e-mail: Field Flitered Permian Basin Environmental Lab, LP 1400 Rankin HWY Midland, Texas 79701 algroves @ pag/p. com tadkins@ talou lipe-cour Total #...of Containers Ice HNO: HCI 20 H2SO4 G # Dr Conta NaOH 3 1 Na25203 \$c/oc/d 5 rolas None Date. Other (Specify) DW=Drinking Water SL=Sludge Matrix Report Format: GW = Groundwater S=SoWsolld Project Name: Matator Florence 15.29 NP=Non-Polable Specify Olher 15:29 Project Loc: Ime Time TPH: TX 1005 TX 1006 Project#: 100376.508.01 Anions (Cl, SO4, Alkalinity) PO# Received: Adjusted: Sample Containers Intactiv VOCs Free of Headspace? BTEX 8021B/5030 or BTEX 8260 Sample Hand Delivered 5 Sustody seal ston tool & abels orboordiner(s) seals Oustody seals on-container(s aboratory Comments: emperature upon by Sampler/Client Rep. by Counier? UPS S 2 TPH MONDATING X Standard ۲ 2 7 ٢ 2 2 TOTA TCLP: Lea co. 2020-ดิลิ Phone: 432-686-7235 Analyze 5 For 00 043 TRRP Factor NN 무 I NPDES Lone Star 5 z Ź RUSH TAT (Pre-Schedule) 24, 48, 72 hrs Page 22 of 23 × Standard TAT

Released to Imaging: 6/28/2022 1:57:37 PM

Received by OCD: 4/7/2022 3:00:34 PM

ORDER 共 (lab use only) Relinquished by: Special Instructions: Relinquished by: Relinquished by: LAB # (lab use only) N QJ PBELAB 2 Project Manager: Sampler Signature: Telephone No: City/State/Zip: Company Address Company Name 1 3 S 5 DE 20016 en SE. SW0.2 81 FIELD CODE 3 P 50 3 is Talon 75-441. D-ADKWS Artesia 408 W. Texas . alla U 1. CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST-5-20-26 d. 4 Date Date Data 12 PE 4835 とち **Beginning Depth** 1, 20AM ime aut Ine in Ending Depth 5 â Received by: Received by: 0 Λ ALA 00 02/61/ Date Sampled 119/20 ved by PBE Wina. 210 00 20 3 110 por 130pm Ladrace. Fax No: Time Sampled e-mail: 3 Permian Basin Environmental Lab, LP 1400 Rankin HWY Midland, Texas 79701 Fletd Fillered algorius @ paaly. our dad lus otalian pe.com Total #. of Containers 100 HNO₃ 17. HCI H2504 1.7 & # of Containers NaOH 0 Na25203 208 5/20/20 5/20/20 None Other (Specify) Date Late Date 2 DW-Drinking Water BL=Bludge Matrix S VA IN Report Format: GW= Groundwater 6=SolVSolld Project Name: Matador Flovence VE:SI VE S NP=Non-Polable Specify Oliver Project Loc: TX 1006 1,1ube Time TPH: TX 1005 Project#: Ime . 1 Anions (CI, SO4, Alkalialty) PO時 Laboratory Comments: Simple Socialities Inaction VOCs Free of Headspace? Editors and the social of the social Custory seals of container(s) Sample Hand Delivered BTEX 8021B/5030 or BTEX 8260 Temperature Upon Receipt Received: 42. °C Adjusted: 43. °C F XStandard by Courler? by Sampler/Client Rep; ? TPH (8015M 7 TOTAL: TOLP: 700376.508.01 Lea do. 2020-Phone: 432-686-7235 Analyze P TRRP C Factor NN 043 (FF) 54.23:2 NPDES Lone Star z RUSH TAT (Pre-schedule) 24, 48, 72 hrs Page 23 of 23 Standard TAT

Page 130 of 131

T

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:	OGRID:
PLAINS MARKETING L.P.	34053
333 Clay Street Suite 1900	Action Number:
Houston, TX 77002	96830
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Approved. Please implement 19.15.29.13 NMAC when completing P&A.	6/28/2022

Page 131 of 131 CONDITIONS

Action 96830