

REMEDIATION SUMMARY AND SITE CLOSURE REQUEST

COTTON DRAW STATION UNIT E (SW1/4, NW1/4), SECTION 03, TOWNSHIP 26 SOUTH, RANGE 32 EAST WEST OF JAL LEA COUNTY, NEW MEXICO NMOCD Reference 1RP-4276 Plains AFE #20362 Plains SRS #2016-057

Prepared for:

Plains Pipeline, L.P. 333 Clay Street, Suite 1600 Houston, Texas 77002

Prepared by:

TRC Environmental Corporation 2057 Commerce Drive Midland, Texas 79703

> **APPROVED** By Olivia Yu at 10:18 am, Aug 10, 2017

May 2017

NMOCD grants approval for closure of 1RP-4276.

Curt D. Stanley

Senior Project Manager

rev Kindley. Jef

Senior Project Manager

TABLE OF CONTENTS

1.0	INTRODUCTION AND BACKGROUND	1
2.0	NMOCD SITE CLASSIFICATION	1
3.0	SUMMARY OF FIELD ACTIVITIES	2
4.0	 QA/QC PROCEDURES	7 8
5.0	SITE CLOSURE REQUEST	8
6.0	LIMITATIONS	8
7.0	DISTRIBUTION	9

FIGURES

Figure 1:	Site Location Map
Figure 2:	Site Details and Confirmation Soil Sample Location Map

TABLES

 Table 1:
 Summary of Benzene, BTEX, TPH, and Chloride Concentrations in Soil

APPENDICES

Appendix A: Photographic Documentation

Appendix B: Laboratory Analytical Reports

Appendix C: Certificate of Non-Exempt Waste Status (NMOCD Form C-138)

Appendix D: Non-Hazardous Waste Manifests

Appendix E: BLM and NMOCD email Correspondence

Appendix F: Release Notification and Corrective Action (NMOCD Form C-141)

1.0 INTRODUCTION AND BACKGROUND

On behalf of Plains Pipeline, L.P. (Plains), TRC Environmental Corporation (TRC) has prepared this Remediation Summary and Site Closure Request for the crude oil Release Site known as Cotton Draw Station (AFE #20362). The Release Site is located in Unit Letter "E" (SW1/4 NW1/4), Section 03, Township 26 South, Range 32 East, NMPM in Lea County, New Mexico and the Release Site GPS coordinates are N 32.07570° W103.67049°. The property is administered by The United States Department of the Interior-Bureau of Land Management (BLM) -Carlsbad Field Office. Please reference the Site Location Map provided as Figure 1.

On April 19, 2016, a blind flange, located in the vicinity of Pump Skid P-400 apparently had been removed prior the completion of all repairs to the system. The Pump was activated to test the system, which resulted in the release of crude oil. The volume of the release was estimated at approximately one-hundred ninety (190) barrels (bbls) of crude oil, of which approximately one-hundred (100) bbls was recovered for a net loss of approximately ninety (90) barrels of crude oil. The released crude oil impacted a surface area measuring approximately fifty-three thousand (53,000) square feet inside the confines of the Cotton Draw Station Facility, then flowed south and impacted an area measuring approximately two-thousand eight-hundred (2,800) square feet along the south fence line outside of the facility. The released fluid continued to the south, impacting the adjacent pastureland measuring approximately four hundred fifty (450) square feet.

On April 19, 2016, the release was verbally reported to Jamie Keyes, Environmental Specialist, New Mexico Oil Conservation Division (NMOCD) - District 1. On May 12, 2016, the Release Notification and Corrective Action – NMOCD Form C-141 was submitted to the NMOCD – District Office in Hobbs, New Mexico. The NMOCD reference number for the Release Site is 1RP-4276. The Release Notification and Corrective Action – NMOCD Form C-141 is provided as Appendix F. Photographic documentation is provided as Appendix A.

The BLM was notified of the release and indicated a "Cultural Resource Survey" (Arch Survey) was not required prior to the commencement of remediation activities.

2.0 NMOCD SITE CLASSIFICATION

A search of the New Mexico Office of the State Engineer (NMOSE) database did not identify the average depth to groundwater information for Section 03, Township 26 South, Range 32 East. A reference map utilized by the NMOCD indicated the depth to groundwater at the Release Site should be encountered at approximately two-hundred sixty (260) feet below ground surface (bgs). The depth to groundwater at the Cotton Draw Station Release Site results in a score of zero (0) points being assigned to the site, based on the NMOCD depth to groundwater criteria.

The water well database, maintained by the NMOSE, indicated there are no water wells less than 1,000 feet from the release, resulting in zero (0) points being assigned to this site as a result of this criteria.

There are no surface water bodies located within 1,000 feet of the site. Based on the NMOCD ranking system zero (0) points will be assigned to the site as a result of the criteria.

The NMOCD guidelines indicate the Cotton Draw Station Release Site has a ranking score of zero (0). Based on this score, the soil remediation levels for a site with a ranking score of zero (0) points are as follows:

- Benzene 10 mg/Kg (ppm)
- BTEX 50 mg/Kg (ppm)
- TPH 5,000 mg/Kg (ppm)

The NMOCD chloride cleanup level concentrations are site specific and are determined by the NMOCD Hobbs District Office.

3.0 SUMMARY OF FIELD ACTIVITIES

On April 19, 2016, TRC, submitted a New Mexico "One Call" request to locate utilities in and adjacent to the Cotton Draw Station, as required by New Mexico State Law.

On April 20, 2016, TRC, began remediation activities at the Release Site. Heavily saturated soil was excavated by hand and placed on a plastic liner to mitigate the potential migration of contaminants into the subsurface soils. As requested by the BLM, the stockpiled impacted soil was covered with a plastic liner.

On April 21, 2016, four (4) preliminary soil samples (SK-200 @ 2", P-410 @ 6", P400 @ 1', and SK-500 @ 2") were collected and submitted to the laboratory to determine the extent of hydrocarbon impact beneath the facility piping and equipment skids. Soil samples were collected at approximately two (2) inches bgs, six (6) inches bgs, one (1) foot bgs, and two (2) inches bgs, respectively. Soil samples were placed in glassware provided by Permian Basin Environmental Lab, LP (Permian Lab) located in Midland, Texas. The soil samples were then placed on ice in a cooler for transport to the laboratory and strict chain-of-custody documentation was maintained at all times. Preliminary soil samples were analyzed using EPA Method SW-846 8015M for gasoline range (GRO), diesel range (DRO), and oil range (ORO) total petroleum hydrocarbons (TPH). Please reference the Site Details and Confirmation Soil Sample Location Map provided as Figure 2. Please reference Table 1 for a Summary of Concentrations of Benzene, BTEX, TPH, and Chloride Concentrations in Soil. Laboratory analytical reports are provided as Appendix B.

The analytical results of soil samples (SK-200 @ 2", P-410 @ 6", P400 @ 1', and SK-500 @ 2") indicated TPH concentrations ranged from 11,300 mg/Kg for soil sample P-400 @ 1' to 30,960 mg/Kg for soil sample SK-500 @ 2".

On April 25, 2016, mechanical equipment was mobilized to the Release Site and mechanical excavation of the impacted soil commenced and continued until June 16, 2016. Excavation of the impacted soil was guided by visual and olfactory techniques. Impacted soil adjacent to piping and equipment supports was excavated to a depth of approximately one (1) foot below ground surface to maintain the integrity of the supports. Impacted soil was stockpiled on plastic on

property leased to Plains by the BLM, pending transport and disposal of the impacted soil to Lea Land, LLC (WM-01-035) in Eddy County, New Mexico.

As the remediation activities progressed, soil samples were periodically collected and submitted to the laboratory for analysis. On May 6, 2016, twenty-eight (28) soil samples (P-400A @ 2', P-410A @ 3.5', SK-500A @ 1.5', SK-200A @ 1', Sample-1 @ 1', Sample-2 @ 3', Sample-3 @ 1', Sample-4 @ 1', Sample-5 @ 2.5', Sample-6 @ 1', Sample -7 @ 2'', Sample-8 @ 1', Sample-9 @ 1', Sample-10 @ 3'', Sample-12 @ 2'', Sample-13 @ 2'', Sample-14 @ 2'', Sample-15 @ 4'', Sample-16 @ 1', Sample-17 @ 2'', Sample-21 @ 1', Sample-22 @ 2.5', Sample-23 @ 2.5', Sample-24 @ 5', Sample-25 @ 2', Sample-26 @ 2', Sample-27 @ 3', Sample-28 @ 3') were collected and submitted to Permian Lab for determination of concentrations of benzene, toluene, ethylbenzene, and xylene (BTEX) using Method 8021B, Method 8015M for TPH, and Method E300.0 for chloride. Please reference the Site Details and Confirmation Soil Sample Location Map provided as Figure 2.

The analytical results indicated benzene concentrations were less than the applicable method detection limit (MDL) for all twenty-eight (28) soil samples. BTEX concentrations ranged from less than the applicable MDL for soil samples P-410A @ 3.5', Sample-1 @ 1', Sample-8 @ 1', Sample-9 @ 1', Sample-15 @ 4", and Sample-16 @ 1' to 61.65 mg/Kg for soil sample Sample-2 @ 3". TPH concentrations ranged from less than the applicable MDL for soil samples Sample-6 @ 1', Sample-9 @ 1', Sample-15 @ 4", and Sample-16 @ 1' to 24,700 mg/Kg for soil sample Sample-3 @ 1'. Chloride concentrations ranged from 4.58 mg/Kg for soil sample Sample-28 @ 3' to 303 mg/Kg for soil sample Sample-12 @ 2". Please reference Table 1 for a Summary of Concentrations of Benzene, BTEX, TPH, and Chloride Concentrations in Soil.

Based on the analytical results, impacted soil represented by soil samples P-400A @ 2', SK-500A @ 1.5', SK-200A @ 1', Sample-2 @ 3", Sample-3 @ 1', Sample -7 @ 2", Sample-13 @ 2", Sample-17 @ 2", Sample-21 @ 1', Sample-22 @ 2.5', and Sample-27 @ 3' warranted additional remediation activities.

The analytical results indicated no additional excavation activities were warranted in the areas represented by soil samples P-410A @ 3.5', Sample-1 @ 1', Sample-4 @ 1', Sample-5 @ 2.5', Sample-6 @ 1', Sample-8 @ 1', Sample-9 @ 1', Sample-10 @ 3'', Sample-12 @ 2'', Sample-14 @ 2'', Sample-15 @ 4'', Sample-16 @ 1', Sample-23 @ 2.5', Sample-24 @ 5', Sample-25 @ 2', Sample-26 @ 2', and Sample-28 @ 3'.

On May 17, 2016, thirteen (13) soil samples (Sample-2A @ 5', Sample-11 @ 2', Sample-13A @ 1.5', Sample-17A @ 1', Sample-18 @ 1.5', Sample-19 @ 1', Sample-20 @ 6'', Sample-22A @ 3', Sample-27A @ 3.5', Sample-29 @ 3'', Sample-30 @ 3'', Sample-31@ 1', Sample-32 @ 1') were collected and submitted to Permian Lab for determination of concentrations of benzene, BTEX, TPH, and chloride. Please reference the Site Details and Confirmation Soil Sample Location Map provided as Figure 2.

The analytical results indicated benzene concentrations ranged from less than the applicable MDL for soil samples Sample-11 @ 2', Sample-13A @ 1.5', Sample-19 @ 1', Sample-22A @ 3', Sample-27A @ 3.5', Sample-29 @ 3'', and Sample-32 @ 1' to 7.68 mg/Kg for soil sample

Sample-31 @ 1'. BTEX concentrations ranged from less than the applicable MDL for soil samples Sample-13A @ 1.5', Sample-19 @ 1', Sample-22A @ 3', and Sample-32 @ 1' to 271.18 mg/Kg for soil sample Sample-31 @ 1'. TPH concentration ranged from less than the applicable MDL for soil samples Sample-11 @ 2', Sample-13A @ 1.5', Sample-19 @ 1', Sample-22A @ 3', Sample-29 @ 3'', Sample-32 @ 1' to 20,110 mg/Kg for soil sample Sample-18 @ 1.5'. Chloride concentrations ranged from 6.09 mg/Kg for soil sample Sample-27A @ 3.5' to 146 mg/Kg for soil sample Sample-30 @ 3''. Please reference Table 1 for a Summary of Concentrations of Benzene, BTEX, TPH, and Chloride Concentrations in Soil.

Based on the analytical results, impacted soil represented by soil samples Sample-18 @ 1.5', Sample-30 @ 3", and Sample-31 @ 1' warranted additional remediation activities. In addition, the analytical results indicated no additional excavation activities were warranted in the areas represented by soil samples Sample-2A @ 5', Sample-13A @1.5', Sample-17A @ 1', Sample-22A @ 3', and Sample-27A @ 3.5'.

On May 18, 2016, as at request of the BLM, Micro-Blaze[®] was applied to the surface of the soil in all areas affected by the release. Micro-Blaze[®] is a product which is designed to augment the population of microbes in the soil and enhance the bio-remediation of hydrocarbon impacted soil.

On June 6, 2016, TRC, on behalf of Plains, began transporting all excavated impacted soil to Lea Land, LLC (Permit WM-01-035), as requested by the BLM. The Lea Land, LLC facility is located approximately thirty (30) miles east of Carlsbad, New Mexico at mile marker 64 on U.S. Hwy 62/180. All impacted soil was transported under manifest and Disposal Site Manifests were obtained and retained. From June 6, 2016 through June 17, 2016, excavation and transportation of impacted soil were conducted concurrently. A total of approximately 3,260 cy (3,246 tons) of impacted soil were disposed of at Lea Land, LLC. The Certificate of Non-Exempt Waste Status (NMOCD Form C-138) is provided as Appendix C. Copies of the Lea Land, LLC Disposal Manifests are provided in Appendix D.

On June 6, 2016, five (5) soil samples (Sample-21A @ 1.5', Sample-7A @ 1', Sample-18A @ 2', Sample-30A @ 1', and Sample-31A @ 1.5') were collected and submitted to Permian Lab for determination of concentrations of benzene, BTEX, TPH, and chloride. Please reference the Site Details and Confirmation Soil Sample Location Map provided as Figure 2.

The analytical results indicated benzene concentrations were less than the applicable MDL for all five (5) soil samples. BTEX concentrations ranged from less than the applicable MDL for soil samples Sample-18A @ 2', Sample-30A @ 1', and Sample-31A @ 1.5' to 15.08 mg/Kg for soil sample Sample-21A @ 1.5'. TPH concentrations ranged from less than the applicable MDL for soil samples Sample-18A @ 2' and Sample-31A @ 1.5' to 4,928 mg/Kg for soil sample Sample-21A @ 1.5'. Chloride concentrations ranged from 9.87 mg/Kg for soil sample Sample-31A @ 1.5' to 39.9 mg/Kg for soil sample Sample-18A @ 2'. Please reference Table 1 for a Summary of Concentrations of Benzene, BTEX, TPH, and Chloride Concentrations in Soil.

Based on the analytical results, no additional excavation was warranted in the areas represented by soil samples Sample-21A @ 1.5', Sample-7A @ 1', Sample-18A @ 2', Sample-30A @ 1', and Sample-31A @ 1.5'.

On June 14, 2016, four (4) soil samples (Sample-3A @ 6", SK-500B @ 1.5', SK-200B @ 1,' and P400B @ 2') were collected and submitted to Permian Lab for determination of concentrations of benzene, BTEX, TPH, and chloride. Please reference the Site Details and Confirmation Soil Sample Location Map provided as Figure 2.

The analytical results indicated benzene concentrations ranged from less than the applicable MDL for soil samples SK-500B @ 1.5', SK-200B @ 1', P400B @ 2' to 0.174 mg/Kg for soil sample Sample-3A @ 6". BTEX concentrations ranged from 0.2630 for soil sample SK-500B @ 1.5' to 23.874 mg/Kg for soil sample Sample-3A @ 6". TPH concentrations ranged from 1,146 mg/Kg for soil sample SK-500B @ 1.5' to 14,390 mg/Kg for soil sample Sample-3A @ 6". Chloride concentrations ranged from 12.8 mg/Kg for soil sample P400B @ 2' to 308 mg/Kg for soil sample SK-200B @ 1'. Please reference Table 1 for a Summary of Concentrations of Benzene, BTEX, TPH, and Chloride Concentrations in Soil.

Based on the analytical results, no additional remediation activities were warranted in the area represented by soil sample SK-500B @ 1.5'. Soil samples Sample-3A @ 6", SK-200B @ 1' and P400B @ 2' were collected from areas adjacent to piping and equipment supports and cannot be further excavated without compromising the integrity of the supports.

On June 16, 2016, Micro-Blaze[®] was reapplied to the surface of the soil in all areas affected by the release.

On June 20, 2016, TRC began recovering excess caliche placed outside of the north and south fences of the facility which was purchased during the initial construction phase of the Cotton Draw Station. The non-impacted caliche was stockpiled for use as future backfill material.

On June 27, 2016, a TRC representative, on behalf of Plains, met with a NMOCD District 1 representative in the Hobbs, New Mexico Office. The TRC representative presented the analytical data derived from soil samples collected at the Cotton Draw Station Release Site and submitted to the laboratory for analysis of concentrations of benzene, BTEX, TPH, and chloride.

The TRC representative indicated three (3) soil samples (Sample-3A @ 6", SK-200B @ 1', and P400B @ 2') exhibited TPH concentrations exceeding the NMOCD regulatory guideline. The TRC representative indicated the three (3) soil samples were located adjacent to a concrete structural support, under an equipment skid and beneath the aboveground piping, respectively and excavation in these areas could create a potential safety and environmental hazard. The NMOCD representative verbally approved leaving the limited areas of impact "in situ" and allowing the existing excavation to be backfilled with non-impacted material.

On June 28, 2016, a Plains representative met with a BLM representative to discuss the current status of the Release Site and request permission to backfill the existing excavation with non-

impacted material. The BLM verbally approved the backfilling of the existing excavation with the following conditions:

- The areas represented by soil samples Sample-3A @ 6", SK-200B @ 1', and P400B @ 2' must be treated with Micro-Blaze[®] before backfilling can commence.
- The areas stated above must be marked with stakes prior to backfilling, to identify the areas of concern.
- Non-impacted caliche placed outside the facility fences during the facility construction phase will be removed and utilized as backfill material.
- Additional volumes of non-impacted caliche will be purchased from the New Mexico State Land Office (NMSLO) to complete the backfilling of the excavation.
- The areas of concern must be resampled for BTEX by Method 8021B, TPH by Method 8015M, and chloride by Method E300.0, six (6) months after the backfilling has been completed.
- Non-impacted soil will be purchased from Lea Land to backfill remediated areas south of the facility fence.

Please reference Appendix E for NMOCD and BLM Correspondence.

On June 29, 2016, Micro-Blaze[®] was reapplied to the surface of the soil in all areas affected by the release and wooden stakes identifying the areas of concern were placed at the sample points, as requested by the BLM.

On July 5, 2016, a Plains representative summarized the NMOCD and BLM approvals and conditions and emailed the correspondence for written approval by the NMOCD and BLM, prior to commencing the backfilling activities. On July 7, 2016, a NMOCD representative responded and concurred with the BLM conditions for backfilling and closure.

On July 21, 2016, a BLM representative responded with permission to backfill the excavation, further stating "Any further action BLM might take will wait on the results of the additional sampling in 6 months". Please reference Appendix E for NMOCD and BLM Correspondence.

On August 2 through 4, 2016, approximately five-hundred forty (540) cubic yards (cy) of nonimpacted top soil was purchased from Lea Land, LLC and transported to the Release Site, as approved by the BLM. The non-impacted topsoil was utilized to backfill the excavated pasture located south of the facility fence and to pad the existing pipelines and electrical conduit during backfilling activities. The topsoil was water compacted to limit slumping of the soil and potential erosion of the soil.

On August 10, 2016, TRC, on behalf on Plains, purchased one-thousand (1,000) cy of caliche from the New Mexico State Land Office (NMSLO). On August 16 through 23, 2016, approximately 1,000 cy of caliche was transported from NMSLO Pit #636 (NMSLO Permit #CO 5472) to the Release Site for use as backfill material.

On September 19, 2016, TRC, on behalf of Plains, purchased approximately 2,180 cy of chat from a local landowner to be utilized for "capping" the Cotton Draw Station. The chat was

transported to the Cotton Draw Station, water packed and mechanically rolled to minimize slumping. In areas adjacent to pipelines and equipment skids the chat was compacted using hand compacters.

On October 26, 2016, the "capping" of the Cotton Draw Station was completed and equipment was transported off-site. A limited volume of chat is stockpiled in the northeast corner of the truck unloading area, to be utilized in backfilling areas which are currently occupied by temporary equipment.

On December 16, 2016, three (3) soil samples (Sample-3B @ 6", SK-200C @ 1', and P400C @ 2') were collected and submitted to the laboratory, as requested by the BLM and in concurrence with the NMOCD. The analytical results indicated concentrations of benzene ranged from less than the applicable MDL for soil samples SK-200C @ 1' and P400C @ 2' to 0.00278 mg/Kg for soil sample Sample-3B @ 6". BTEX concentrations ranged from 0.05928 mg/Kg for soil sample SK-200C @ 1' to 0.20848 mg/Kg for soil sample Sample-3B @ 6". TPH concentrations ranged from 1,795 mg/Kg for soil sample SK-200C @ 1' to 4,741 mg/Kg for soil sample Sample-3B @ 6". Chloride concentrations ranged from 4.82 mg/Kg for soil sample SK-200C @ 1' to 33.6 mg/Kg for soil sample Sample-3B @ 6". Please reference the Site Details and Confirmation Soil Sample Location Map provided as Figure 2. Please reference Table 1 for a Summary of Concentrations of Benzene, BTEX, TPH, and Chloride Concentrations in Soil.

Based on the analytical results, all concentrations of benzene, BTEX, TPH, and chloride are less than NMOCD regulatory guidelines and no additional remediation activities are warranted at the Release Site.

4.0 QA/QC PROCEDURES

4.1 Soil Sampling

Soil samples were obtained utilizing single-use, disposable, latex gloves and clean sampling tools. The soil sample was placed in a labelled disposable Ziploc sample bag.

A portion of the soil sample was then placed in a sterile glass container equipped with a Teflonlined lid furnished by the analytical laboratory. The container was filled to capacity to limit the amount of headspace present. Each container was labeled and placed on ice in an insulated cooler. On selection of samples for analysis, the cooler was sealed for shipment to the laboratory. Proper chain-of-custody documentation was maintained throughout the sampling process.

Soil samples were delivered to Permian Lab, in Midland, Texas for BTEX, TPH and chloride analyses using the method described below.

- TPH concentrations in accordance with modified EPA Method 8015M GRO/DRO/ORO
- BTEX concentrations in accordance with EPA Method SW-846 8021B
- Chloride concentrations in accordance with EPA Method E 300.

4.2 Decontamination of Equipment

Soil sampling tools such as small hand shovels were washed with Liqui-Nox[®] detergent and rinsed with distilled water between the collections of soil samples.

4.3 Laboratory Protocol

The laboratory was responsible for proper QA/QC procedures after signing the chain-of-custody form.

5.0 CLOSURE REQUEST

Based on the analytical results of confirmation soil samples obtained from the floor and sidewalls of the excavation, TRC recommends Plains provide the NMOCD and BLM a copy of this Remediation Summary and Site Closure Request and request the NMOCD and BLM grant closure for the Cotton Draw Station Release Site Incident.

6.0 LIMITATIONS

TRC prepared this Remediation Summary and Site Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended.

TRC has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. TRC has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. TRC has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. TRC also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Plains Pipeline, L.P. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of TRC and/or Plains Pipeline L.P.

7.0 DISTRIBUTION

Copy 1:	Randal Pair U.S. Department of Interior – Bureau of Land Management Carlsbad Field Office 620 E. Greene Street Carlsbad, NM 88220
Copy 2:	Dr. Tomas Oberding New Mexico Oil Conservation Division (District 1) 1625 French Drive Hobbs, NM 88240
Copy 3:	Camille Bryant Plains Pipeline, L.P. 577 US Hwy 385 N Seminole, TS 79360 cjbryant@paalp.com
Copy 4:	Jeff Dann Plains Pipeline, L.P. 333 Clay Street, Suite 1600 Houston, TX 77002 jpdann@paalp.com
Copy 5:	TRC Environmental Corporation 2057 Commerce Drive Midland, TX 79703 cdstanley@trcsolutions.com

Figures

DRAWING NAME: H:Nova\Project Files\Plains\New Mexico\Cotton Draw Station\CAD\ Figure 1 Site Location Map.dwg --- PLOT DATE: December 29, 2016 - 10:47AM --- LAYOUT: Layout1





Table

TABLE 1 SUMMARY BENZENE, BTEX, TPH, AND CHLORIDE CONCENTRATIONS IN SOIL

COTTON DRAW STATION PLAINS PIPELINE, L.P. LEA COUNTY, NM PLAINS SRS NUMBER 2016-057 NMOCD Reference 1RP-4276

					Me	thods: EPA SW 8	346-8021B, 5030				Me	thods:		Method:
SAMPLE	SAMPLE	SAMPLE DEPTH	STATUS	DENZENE		ETHYL-	m,p,		TOTAL		EPA SW	846-8015M		E300
LOCATION	DATE	(feet)	STATUS	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	BENZENE (mg/Kg)	XYLENE (mg/Kg)	o-XYLENE (mg/Kg)	BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	ORO (mg/Kg)	TOTAL TPH (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Reg	gulatory Guid	eline		10	-	-	-	-	50	-	-	-	5,000	1,000
SK-200 @ 2"	04/21/16	2"	Excavated	-	-	-	-	-	-	5,770	14,500	2,120	22,390	-
P-410 @ 6"	04/21/16	6"	Excavated	-	-	-	-	-	-	8,800	17,100	2,500	28,400	-
P-400 @ 1'	04/21/16	1'	Excavated	-	-	-	-	-	-	2,970	7,140	1,190	11,300	-
SK-500 @ 2"	04/21/16	2"	Excavated	-	-	-	-	-	-	5,430	22,500	3,030	30,960	-
P-400A @ 2'	05/06/16	2'	Treated	< 0.0510	0.163	0.830	3.70	1.31	6.003	1,120	7,480	718	9,318	123
P-410A @ 3.5'	05/06/16	3.5'	In-Situ	< 0.00103	< 0.00206	< 0.00103	< 0.00206	< 0.00103	< 0.00206	33.6	164	38.3	235.9	17.1
SK-500A @ 1.5'	05/06/16	1.5'	Treated	< 0.0202	0.200	0.336	1.50	0.475	2.511	377	4,910	451	5,738	82.5
SK-200A @ 1'	05/06/16	1'	Treated	< 0.0202	0.426	0.556	2.37	0.770	4.122	715	5,010	440	6,165	49.4
Sample-1 @ 1'	05/06/16	1'	In-Situ	< 0.00101	< 0.00202	< 0.00101	< 0.00202	< 0.00101	< 0.00202	<25.3	32.5	<25.3	32.5	7.18
Sample-2 @ 3"	05/06/16	3"	Excavated	< 0.101	6.98	8.17	33.7	12.8	61.65	2,400	9,190	832	12,422	25.2
Sample 3 @ 1'	05/06/16	1'	Treated	< 0.00102	0.141	0.0862	0.353	0.108	0.6882	8,430	15,000	1,270	24,700	121
Sample-4 @ 1'	05/06/16	1'	In-Situ	< 0.00101	0.00640	0.00266	0.0248	0.00664	0.04050	<25.3	40.3	<25.3	40.3	46.2
Sample-5 @ 2.5'	05/06/16	2.5'	In-Situ	< 0.00101	< 0.00202	0.00112	0.0103	0.00216	0.01358	<25.3	47.6	<25.3	47.6	67.8
Sample-6 @ 1'	05/06/16	1'	In-Situ	< 0.00101	< 0.00202	< 0.00101	0.00260	< 0.00101	0.00260	<25.3	<25.3	<25.3	<25.3	15.1
Sample-7 @ 2"	05/06/16	2"	Excavated	< 0.00101	0.0206	0.0298	0.139	0.0475	0.23690	1,210	10,800	1,620	13,630	95.7
Sample-8 @ 1'	05/06/16	1'	In-Situ	< 0.00102	< 0.00204	< 0.00102	< 0.00204	< 0.00102	< 0.00204	<25.5	88.7	43.1	131.8	47.8
Sample-9 @ 1'	05/06/16	1'	In-Situ	< 0.00102	< 0.00204	< 0.00102	< 0.00204	< 0.00102	< 0.00204	<25.5	<25.5	<25.5	<25.5	31.2
Sample-10 @ 3"	05/06/16	3"	In-Situ	< 0.00101	< 0.00202	0.00265	0.0303	0.0120	0.04495	<25.3	133	26.9	159.9	108
Sample-12 @ 2"	05/06/16	2"	In-Situ	< 0.00101	< 0.00202	0.00180	0.0264	0.0103	0.03850	59.0	1,440	228	1,727.0	303
Sample-13 @ 2"	05/06/16	2"	Excavated	< 0.00102	0.00945	0.0212	0.0999	0.0328	0.16335	2,430	12,800	1,990	17,220	103
Sample-14 @ 2"	05/06/16	2"	In-Situ	< 0.00102	< 0.00204	0.0111	0.0759	0.0319	0.1189	59.8	796	140	995.8	34.4
Sample-15 @ 4"	05/06/16	4"	In-Situ	< 0.00102	< 0.00204	< 0.00102	< 0.00204	< 0.00102	< 0.00204	<25.5	<25.5	<25.5	<25.5	58.2
Sample-16 @ 1'	05/06/16	1'	In-Situ	< 0.00103	< 0.00206	< 0.00103	< 0.00206	< 0.00103	< 0.00206	<25.8	<25.8	<25.8	<25.8	11.1
Sample-17 @ 2"	05/06/16	2"	Excavated	< 0.00102	0.00678	0.0202	0.103	0.0363	0.16628	1,580	11,000	1,720	14,300	90.3
Sample-21 @ 1'	05/06/16	1'	Excavated	< 0.00101	0.00296	0.0167	0.0833	0.0261	0.12906	580	3,910	554	5,044	6.31
Sample-22 @ 2.5'	05/06/16	2.5'	Excavated	< 0.00102	< 0.00204	0.00567	0.0807	0.0238	0.11017	1,190	6,520	1,000	8,710	7.50
Sample-23 @ 2.5'	05/06/16	2.5'	In-Situ	< 0.00101	< 0.00202	< 0.00101	0.0102	0.00227	0.01247	36.3	688	118	842.3	11.2
Sample-24 @ 5'	05/06/16	5'	In-Situ	< 0.00101	< 0.00202	< 0.00101	0.00353	< 0.00101	0.00353	<25.3	156	28.4	184.4	43.3
Sample-25 @ 2'	05/06/16	2'	In-Situ	< 0.00101	0.00631	0.00441	0.0405	0.0173	0.06852	<25.3	94.5	<25.3	94.5	7.71

TABLE 1 SUMMARY BENZENE, BTEX, TPH, AND CHLORIDE CONCENTRATIONS IN SOIL

COTTON DRAW STATION PLAINS PIPELINE, L.P. LEA COUNTY, NM PLAINS SRS NUMBER 2016-057 NMOCD Reference 1RP-4276

					Me	thods: EPA SW 8	46-8021B, 5030				Me	thods:		Method:
SAMPLE	SAMPLE	SAMPLE				ETHYL-	m,p,		TOTAL		EPA SW	846-8015M		E300
LOCATION	DATE	DEPTH (feet)	STATUS	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	BENZENE (mg/Kg)	XYLENE (mg/Kg)	o-XYLENE (mg/Kg)	BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	ORO (mg/Kg)	TOTAL TPH (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Reg	ulatory Guid	eline		10	-	-	-	-	50	-	-	-	5,000	1,000
Sample-26 @ 2'	05/06/16	2'	In-Situ	< 0.00101	< 0.00202	< 0.00101	0.00322	< 0.00101	0.00322	<25.3	56.3	<25.3	56.3	9.12
Sample-27 @ 3'	05/06/16	3'	Excavated	< 0.00101	0.00354	0.0137	0.0665	0.0207	0.10444	1,160	6,620	984	8,764	5.26
Sample-28 @ 3'	05/06/16	3'	In-Situ	< 0.00100	< 0.00200	0.00447	0.0287	0.0113	0.04447	163	1,030	80.1	1,273.1	4.58
Sample-2A @ 5'	05/17/16	5'	In-Situ	0.0183	0.335	0.0952	0.386	0.117	0.9515	27.5	988	116	1,131.5	14.7
Sample-11 @ 2'	05/17/16	2'	In-Situ	< 0.00104	0.0134	0.00717	0.0436	0.0209	0.08507	<26.0	<26.0	<26.0	<26.0	6.25
Sample 13A @ 1.5'	05/17/16	1.5'	In-Situ	< 0.00102	< 0.00204	< 0.00102	< 0.00204	< 0.00102	< 0.00204	<25.5	<25.5	<25.5	<25.5	10.9
Sample -17A @ 1'	05/17/16	1'	In-Situ	0.0514	1.31	0.677	2.92	0.982	5.9404	364	3,160	326	3,850	44.9
Sample -18 @ 1.5'	05/17/16	1.5'	Excavated	3.42	23.5	11.0	35.6	14.2	87.72	7,400	11,300	1,410	20,110	43.3
Sample-19 @ 1'	05/17/16	1'	In-Situ	< 0.00102	< 0.00204	< 0.00102	< 0.00204	< 0.00102	< 0.00204	<25.5	<25.5	<25.5	<25.5	16.0
Sample-20 @ 6"	05/17/16	6"	In-Situ	0.0215	0.327	0.259	1.36	0.357	2.3245	316	2,320	241	2,877	62.3
Sample-22A @ 3'	05/17/16	3'	In-Situ	< 0.00103	< 0.00206	< 0.00103	< 0.00206	< 0.00103	< 0.00206	<25.8	<25.8	<25.8	<25.8	8.62
Sample-27A @ 3.5'	05/17/16	3.5'	In-Situ	< 0.00102	< 0.00204	< 0.00102	0.00735	0.00380	0.01115	<25.5	86.5	<25.5	86.5	6.09
Sample-29 @ 3"	05/17/16	3"	In-Situ	< 0.0202	0.273	0.152	0.951	0.206	1.582	<25.3	<25.3	<25.3	<25.3	105
Sample-30 @ 3"	05/17/16	3"	Excavated	0.130	1.41	1.14	8.88	2.86	14.420	2,020	14,800	1,720	18,540	146
Sample-31 @ 1'	05/17/16	1'	Excavated	7.68	72.3	23.9	138	29.3	271.18	4,940	7,880	1,030	13,850	49.6
Sample-32 @ 1'	05/17/16	1'	In-Situ	< 0.00101	< 0.00202	< 0.00101	< 0.00202	< 0.00101	< 0.00202	<25.3	<25.3	<25.3	<25.3	12.4
Sample-21A @ 1.5'	06/06/16	1.5'	In-Situ	< 0.0510	1.51	1.14	10.1	2.33	15.08	772	3,790	366	4,928	33.4
Sample-7A @ 1'	06/06/16	1'	In-Situ	< 0.0515	< 0.103	< 0.0515	< 0.103	1.21	1.21	<25.8	53.9	<25.8	53.9	27.5
Sample 18A @ 2'	06/06/16	2'	In-Situ	< 0.0510	< 0.102	< 0.0510	< 0.102	< 0.0510	< 0.102	<25.5	<25.5	<25.5	<25.5	39.9
Sample-30A @ 1'	06/06/16	1'	In-Situ	< 0.0510	< 0.102	< 0.0510	< 0.102	< 0.0510	< 0.102	<25.5	41.9	<25.5	41.9	29.1
Sample-31A @ 1.5'	06/06/16	1.5'	In-Situ	< 0.0515	< 0.103	< 0.0515	< 0.103	< 0.0515	< 0.103	<25.8	<25.8	<25.8	<25.8	9.87
		<i></i>												
Sample-3A @ 6"	06/14/16	6"	Treated	0.174	4.19	1.79	13.5	4.22	23.874	1,240	11,500	1,650	14,390	48.4
SK-500B @ 1.5'	06/14/16	1.5'	In-Situ	< 0.0202	< 0.0404	0.0210	0.138	0.104	0.2630	<25.3	927	219	1,146	124
SK-200B @ 1'	06/14/16	1'	Treated	< 0.0202	0.772	0.633	4.47	1.41	7.285	668	8,980	1,110	10,758	308
P400B @ 2'	06/14/16	2'	Treated	< 0.0204	0.736	< 0.0204	5.03	1.89	7.656	1,060	7,410	914	9,384	12.8
Sample-3B @ 6"	12/16/16	6"	In-Situ	0.00278	0.0125	0.0117	0.0585	0.123	0.20848	737	3,500	504	4,741	33.6
Sample-3D @ 0	12/10/10	0	m-snu	0.00278	0.0125	0.0117	0.0505	0.125	0.200+0	151	5,500	504	7,71	55.0

TABLE 1 SUMMARY BENZENE, BTEX, TPH, AND CHLORIDE CONCENTRATIONS IN SOIL

COTTON DRAW STATION PLAINS PIPELINE, L.P. LEA COUNTY, NM PLAINS SRS NUMBER 2016-057 NMOCD Reference 1RP-4276

				Methods: EPA SW 846-8021B, 5030							Methods:			
SAMPLE	SAMPLE	SAMPLE DEPTH	STATUS	BENZENE	TOLUENE	ETHYL-	m,p,	o-XYLENE	TOTAL		EPA SW	EPA SW 846-8015M		E300
LOCATION	DATE	(feet)	STATUS	(mg/Kg)	(mg/Kg)	BENZENE (mg/Kg)	XYLENE (mg/Kg)	(mg/Kg)	BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	ORO (mg/Kg)	TOTAL TPH (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Reg	ulatory Guide	eline		10	-	-	-	-	50	-	-	-	5,000	1,000
SK-200C @ 1'	12/16/16	1'	In-Situ	< 0.00104	0.00250	0.00288	0.0291	0.0248	0.05928	267	1,330	198	1,795	4.82
P400C @ 2'	12/16/16	2'	In-Situ	< 0.00106	0.00414	0.0153	0.0394	0.0172	0.07604	421	2,170	302	2,893	10.4

Appendix A Photographic Documentation



Client: Plains Pipeline, L.P. Project Name: Cotton Draw Station Prepared by: TRC Environmental Corporation Location: Lea County, New Mexico





Client: Plains Pipeline, L.P. Project Name: Cotton Draw Station Prepared by: TRC Environmental Corporation Location: Lea County, New Mexico





Client: Plains Pipeline, L.P. Project Name: Cotton Draw Station Prepared by: TRC Environmental Corporation Location: Lea County, New Mexico





Client: Plains Pipeline, L.P. Project Name: Cotton Draw Station Prepared by: TRC Environmental Corporation Location: Lea County, New Mexico





Client: Plains Pipeline, L.P. Project Name: Cotton Draw Station Prepared by: TRC Environmental Corporation Location: Lea County, New Mexico



Appendix B Laboratory Analytical Reports PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

Curt Stanley TRC Solutions- Midland, Texas 2057 Commerce Street Midland, TX 79703

Project: Cotton Draw South Project Number: SRS#2016-057 Location: Lea County, New Mexico

Lab Order Number: 6D25004



NELAP/TCEQ # T104704156-13-3

Report Date: 04/29/16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SK-200 @ 2"	6D25004-01	Soil	04/21/16 13:00	04-25-2016 11:00
P-410 @ 6"	6D25004-02	Soil	04/21/16 12:13	04-25-2016 11:00
P-400 @ 1'	6D25004-03	Soil	04/21/16 13:20	04-25-2016 11:00
SK-500 @ 2"	6D25004-04	Soil	04/21/16 13:30	04-25-2016 11:00

SK-200 @ 2''

		6D25	6004-01 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin I	Environmen	tal Lab,	L.P.				
General Chemistry Parameters by EP	A / Standard Methods	ŝ							
% Moisture	4.0	0.1	%	1	P6D2704	04/27/16	04/27/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 801	5M							
C6-C12	5770	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
>C12-C28	14500	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
>C28-C35	2120	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-1.	30	P6D2806	04/26/16	04/27/16	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-1.	30	P6D2806	04/26/16	04/27/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	22400	125	mg/kg wet	5	[CALC]	04/26/16	04/27/16	calc	

P-410 @ 6''

6D25004-02 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin I	Environmen	tal Lab,	L.P.				
General Chemistry Parameters by EP	A / Standard Methods	8							
% Moisture	4.0	0.1	%	1	P6D2704	04/27/16	04/27/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 801	15M							
C6-C12	8800	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
>C12-C28	17100	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
>C28-C35	2500	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-13	30	P6D2806	04/26/16	04/27/16	TPH 8015M	
Surrogate: o-Terphenyl		97.8 %	70-13	30	P6D2806	04/26/16	04/27/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	28400	125	mg/kg wet	5	[CALC]	04/26/16	04/27/16	calc	

P-400 @ 1'

6D25004-03 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin I	Environmen	tal Lab,	L.P.				
General Chemistry Parameters by EPA / S	Standard Methods	5							
% Moisture	7.0	0.1	%	1	P6D2704	04/27/16	04/27/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 b	EPA Method 801	5M							
C6-C12	2970	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
>C12-C28	7140	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
>C28-C35	1190	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
Surrogate: 1-Chlorooctane		125 %	70-13	0	P6D2806	04/26/16	04/27/16	TPH 8015M	
Surrogate: o-Terphenyl		97.6 %	70-13	0	P6D2806	04/26/16	04/27/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	11300	125	mg/kg wet	5	[CALC]	04/26/16	04/27/16	calc	

SK-500 @ 2''

6D25004-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin I	Environmen	tal Lab,	L.P.				
General Chemistry Parameters by EP	A / Standard Methods								
% Moisture	3.0	0.1	%	1	P6D2704	04/27/16	04/27/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	35 by EPA Method 801	5M							
C6-C12	5430	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
>C12-C28	22500	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
>C28-C35	3030	125	mg/kg wet	5	P6D2806	04/26/16	04/27/16	TPH 8015M	
Surrogate: 1-Chlorooctane		98.6 %	70-13	0	P6D2806	04/26/16	04/27/16	TPH 8015M	
Surrogate: o-Terphenyl		95.6 %	70-13	0	P6D2806	04/26/16	04/27/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	30900	125	mg/kg wet	5	[CALC]	04/26/16	04/27/16	calc	

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6D2704 - *** DEFAULT PREP ***										
Blank (P6D2704-BLK1)	Prepared & Analyzed: 04/27/16									
% Moisture	ND	0.1	%							
Duplicate (P6D2704-DUP1)	Sourc	e: 6D25002-	30	Prepared &	Analyzed:	04/27/16				
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P6D2704-DUP2)	Sourc	e: 6D25002-	89	Prepared &	04/27/16					
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P6D2704-DUP3)	Sourc	e: 6D25002-	90	Prepared &	Analyzed:	04/27/16				
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P6D2704-DUP4)	Sourc	e: 6D25003-	Prepared &	Analyzed:	04/27/16					
% Moisture	7.0	0.1	%		7.0			0.00	20	

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

Permian Basin Environmental Lab, L.P.

Amaluta	Deput	Reporting	Lluito	Spike	Source	%REC	%REC	רות מ	RPD Limit	Natas
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6D2806 - TX 1005										
Blank (P6D2806-BLK1)				Prepared &	Analyzed:	04/26/16				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	94.7		"	100		94.7	70-130			
Surrogate: o-Terphenyl	52.2		"	50.0		104	70-130			
LCS (P6D2806-BS1)				Prepared &	Analyzed:	04/26/16				
C6-C12	825	25.0	mg/kg wet	1000		82.5	75-125			
>C12-C28	971	25.0	"	1000		97.1	75-125			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	46.2		"	50.0		92.3	70-130			
LCS Dup (P6D2806-BSD1)				Prepared &	Analyzed:	04/26/16				
C6-C12	813	25.0	mg/kg wet	1000		81.3	75-125	1.48	20	
>C12-C28	967	25.0	"	1000		96.7	75-125	0.451	20	
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	46.0		"	50.0		92.1	70-130			
Matrix Spike (P6D2806-MS1)	Sour	ce: 6D25004	1-02	Prepared: (04/26/16 A	nalyzed: 04	/27/16			
C6-C12	7290	125	mg/kg wet	1000	8800	NR	75-125			QM-0
>C12-C28	13600	125	"	1000	17100	NR	75-125			QM-0
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	46.8		"	50.0		93.6	70-130			
Matrix Spike Dup (P6D2806-MSD1)	Sour	ce: 6D25004	4-02	Prepared: (04/26/16 A	nalyzed: 04	/27/16			
C6-C12	7340	125	mg/kg wet	1000	8800	NR	75-125	NR	20	QM-0
>C12-C28	13700	125	"	1000	17100	NR	75-125	NR	20	QM-0
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	59.4		"	50.0		119	70-130			

Permian Basin Environmental Lab, L.P.

Notes and Definitions

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.
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

Bun Barron Report Approved By:

Date: 4/29/2016

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.

	Heinquisned by			Bill to Plains, HOLD for BTEX							5	3	2	-	LAB # (lab use only)		(iap use only)								đ
	ied by:			Bill to P												85.935		EXICN CON	Sample	Telephone No:	City/State/Zip:	Compa	Compa	Project	18300
ļ			K	ns: lains, H												000	フリ		Sampler Signature:	one No:	ıte/Zip:	Company Address:	Company Name	Project Manager:	WT M
•••	s.		n -					1994 1994	d.		SK-500 @ 2"	P-400 @ 1'	P-410 @ 6"	SK-200 @ 2"	FIELD CODE		<î		ure:	1 \$	S				A B
			in	BTEX							@ 2"	@1'	@ 6"	@ 2"	О́р		Ś	artista e gater.	J.	432)5207	Midland/TX/79703	2057 Commerce Dr	RC Envir	Curt Stanley	
-			4						-								L	\wedge	Ì	ħ	V79703	merce D	onmenta	ey .	CHI
-			es/le	2 -	-											-			K	DI			TRC Environmental Corporation		UN OF
															Beginning Depth			/		$ \mathcal{I} $			ation		CUST
-	a T	<u> </u>								. :					Ending Depth		($\sum_{i=1}^{n}$	5	1 1		÷ .		ΟΔΥ
			Received by.								4/21/2016	4/21/2016	4/21/2016	4/21/2016	Date Sampled										CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Permian Basi 10014 S. Cou Midland, Tex
1977 - 1978 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 - 1988 -	<u>ک</u> ر															-				IΛ					ND A
s, especial and the control of the	$\left \right $)									1330	1320	1310	1300	Time Sampled				e-mail:	Fax No:					NALYSI
i survigersen u	{									•.					Field Filtered	-						1.			S REQUEST Permian Basin Environmental Lab, LP 10014 S. County Road 1213 Midland, Texas 79706
											l→ ×	⊥ ×	l→ ×	$ ^{-1}$	Total #. of Containers		1	: 10	cdstanley@trcs						QUE Ilan 14 S. and,
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		50000 V02211													HNO ₃	Pres		nd	anle		. ¹ .				EST Basi Cou
100 A. 100									а 1					· .	НСІ	^o reservation		/ant	No.						EST Basin Environmenta County Road 1213 Texas 79706
- 10 Martin															H₂SO₄	Qo		0	trc			1			nvironn y Road 79706
					*	1									NaOH	# of C		paalp.com	solutions.com	1					nmer d 12 6
1.1	<u>H</u>	-									<u> </u>	· .			Na ₂ S ₂ O ₃ None	Containers		p.c	tio				-		13 II
8076156240	15 A. 11 . 13) с												Other (Specify)	Iers		BO	ns.c						ab,
1000	2<(//6		Dato Date	5 5											DW=Drinking Water SL=Sludge	+			Ň.	I	, I		1		5
100000		7			1.						Soil	Soil	Soil	Soil	GW = Groundwater S=Soil/Solid	Vlatrix				Rep		÷.,		- <u>-</u>	
Sectore and) :00	_	=	-			 		1. j.				Ļ		NP=Non-Potable Specify Other TPH: 418.1 (8015M) 80	_				Report Format:		Pro		Project Name:	
1.1	GO	a		3							×	×	×	×	TPH: 418.1 (8015M) 80 TPH: TX 1005 TX 1006	015B			· .	orm		Project Loc:	Project #:	čt N	
1000 F	AR	l l	2025	Sa								• • •			Cations (Ca, Mg, Na, K)	-				ati	PO #:	Loc	¢ct #	ame	
1.00 C 1.00	Received	by by	stod	bora mple DCs I								:			Anions (CI, SO4, Alkalinity)	-	리_	4		\mathbf{X}	1	۱Ü	٦.	Ĩ.	
1000	d C la	by Sampler	y se y se	-ree											SAR / ESP / CEC		TOTAL:	2	a ata		· · ·				
Alexandro and	о, С по П		als o als o	of H											Metals: As Ag Ba Cd Cr Pb Hg	g Se		Ą		Standard	1				Pho
1. A.	С П			nme ers eads	L										Volatiles		Ľ	Analyze		ď		Lea		0	ne: '
100 - 100 100	Adjusted: 3,0, c e	by Sampler/Client Rep. ? by Courier? UPS	Custody seals on container(s) Custody seals on cooler(s) Custody seals on cooler(s)	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?	<u> </u>	- - 			· ·			<u> </u>	<u> </u>	<u> </u>	Semivolatiles	000	┣-┣-	e For:			· .			ottor	432-
	ч С ф		ler(s) s)	**											BTEX 8021B/5030 or BTEX 82	260						unty,		קן	661-
	eibr در Eautur ، کر مراک	PHL											┝	\vdash	N.O.R.M.							County, New Mexico	TBD	Cotton Draw Station	Phone: 432-661-4184
	Ç.	Feg _											<u> </u>		Chlorides E 300	•		1				Me		Stati	4
1.00 a 10.000	\mathcal{P}	₿ Ø	B B	CBB											Paint Filter	•		1.				Xico		n	
1	۲														TCLP Benzene			1		NPDES					
	-	e Star	2 Z Z 2	zzz											RUSH TAT (Pre-Schedule) 24	4, 48,	72 hrs			DES			· ·.		
		-			1		Ŀ				×	×	×	×	Standard TAT							I .		ane	e 10 of 10
						- 11					÷., .												Ŀ	age	

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



Analytical Report

Prepared for:

Curt Stanley TRC Solutions- Midland, Texas 2057 Commerce Street Midland, TX 79703

Project: Cotton Draw Station Project Number: TBD Location: Lea County, New Mexico

Lab Order Number: 6E09010



NELAP/TCEQ # T104704156-13-3

Report Date: 05/24/16
TRC Solutions- Midland, Texas 2057 Commerce Street Midland TX, 79703 Project: Cotton Draw Station Project Number: TBD Project Manager: Curt Stanley

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
P-400 A @ 2'	6E09010-01	Soil	05/06/16 09:00	05-09-2016 13:47
P-410 A @ 3.5'	6E09010-02	Soil	05/06/16 09:05	05-09-2016 13:47
SK-500 A @ 1.5'	6E09010-03	Soil	05/06/16 09:10	05-09-2016 13:47
SK-200 A @ 1	6E09010-04	Soil	05/06/16 09:15	05-09-2016 13:47
Sample-1 @ 1'	6E09010-05	Soil	05/06/16 09:20	05-09-2016 13:47
Sample-2 @ 3"	6E09010-06	Soil	05/06/16 09:30	05-09-2016 13:47
Sample-3 @ 1'	6E09010-07	Soil	05/06/16 09:40	05-09-2016 13:47
Sample-4 @ 1'	6E09010-08	Soil	05/06/16 09:50	05-09-2016 13:47
Sample-5 @ 2.5'	6E09010-09	Soil	05/06/16 10:00	05-09-2016 13:47
Sample-6 @ 1'	6E09010-10	Soil	05/06/16 10:05	05-09-2016 13:47
Sample-7 @ 2"	6E09010-11	Soil	05/06/16 10:10	05-09-2016 13:47
Sample-8 @ 1'	6E09010-12	Soil	05/06/16 10:15	05-09-2016 13:47
Sample-9 @ 1'	6E09010-13	Soil	05/06/16 10:20	05-09-2016 13:47
Sample-10 @ 3"	6E09010-14	Soil	05/06/16 10:25	05-09-2016 13:47
Sample-12 @ 2"	6E09010-15	Soil	05/06/16 10:30	05-09-2016 13:47
Sample-13 @ 2"	6E09010-16	Soil	05/06/16 10:35	05-09-2016 13:47
Sample-14 @ 2"	6E09010-17	Soil	05/06/16 10:40	05-09-2016 13:47
Sample-15 @ 4"	6E09010-18	Soil	05/06/16 10:45	05-09-2016 13:47
Sample-16 @ 1'	6E09010-19	Soil	05/06/16 10:50	05-09-2016 13:47
Sample-17 @ 2"	6E09010-20	Soil	05/06/16 10:55	05-09-2016 13:47
Sample-21 @ 1'	6E09010-21	Soil	05/06/16 11:00	05-09-2016 13:47
Sample-22 @ 2.5'	6E09010-22	Soil	05/06/16 11:05	05-09-2016 13:47
Sample-23 @ 2.5'	6E09010-23	Soil	05/06/16 11:10	05-09-2016 13:47
Sample-24 @ 5'	6E09010-24	Soil	05/06/16 11:15	05-09-2016 13:47
Sample-25 @ 2'	6E09010-25	Soil	05/06/16 11:20	05-09-2016 13:47
Sample-26 @ 2'	6E09010-26	Soil	05/06/16 11:25	05-09-2016 13:47
Sample-27 @ 3'	6E09010-27	Soil	05/06/16 11:30	05-09-2016 13:47
Sample-28 @ 3'	6E09010-28	Soil	05/06/16 11:35	05-09-2016 13:47

P-400 A @ 2' 6E09010-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note			
	Pern	1ian Basin I	Environmer	ntal Lab, I	L.P.							
Organics by GC												
Benzene	ND	0.0510	mg/kg dry	50	P6E2305	05/18/16	05/19/16	EPA 8021B				
Toluene	0.163	0.102	mg/kg dry	50	P6E2305	05/18/16	05/19/16	EPA 8021B				
Ethylbenzene	0.830	0.0510	mg/kg dry	50	P6E2305	05/18/16	05/19/16	EPA 8021B				
Xylene (p/m)	3.70	0.102	mg/kg dry	50	P6E2305	05/18/16	05/19/16	EPA 8021B				
Xylene (o)	1.31	0.0510	mg/kg dry	50	P6E2305	05/18/16	05/19/16	EPA 8021B				
Surrogate: 4-Bromofluorobenzene		66.9 %	75-125		P6E2305	05/18/16	05/19/16	EPA 8021B	S-GO			
Surrogate: 1,4-Difluorobenzene		115 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B				
General Chemistry Parameters by EPA	A / Standard Method	S										
Chloride	123	1.02	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0				
% Moisture	2.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation				
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M										
C6-C12	1120	128	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M				
>C12-C28	7480	128	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M				
>C28-C35	718	128	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M				
Surrogate: 1-Chlorooctane		119 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M				
Surrogate: o-Terphenyl		105 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M				
Total Petroleum Hydrocarbon C6-C35	9310	128	mg/kg dry	5	[CALC]	05/10/16	05/11/16	calc				

Project: Cotton Draw Station Project Number: TBD Project Manager: Curt Stanley

P-410 A @ 3.5'

6E09010-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin H	Environmer	ital Lab, l	L .P.				
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00206	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		120 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		120 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by EI	PA / Standard Method	ls							
Chloride	17.1	1.03	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C.	35 by EPA Method 80	15M							
C6-C12	33.6	25.8	mg/kg dry	1	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C12-C28	164	25.8	mg/kg dry	1	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C28-C35	38.3	25.8	mg/kg dry	1	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		99.5 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		94.2 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	236	25.8	mg/kg dry	1	[CALC]	05/10/16	05/11/16	calc	

Project: Cotton Draw Station Project Number: TBD Project Manager: Curt Stanley

SK-500 A @ 1.5'

6E09010-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	Cnvironme	ntal Lab, I	L.P.				
Organics by GC									
Benzene	ND	0.0202	mg/kg dry	20	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	0.200	0.0404	mg/kg dry	20	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.336	0.0202	mg/kg dry	20	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	1.50	0.0404	mg/kg dry	20	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	0.475	0.0202	mg/kg dry	20	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		75.5 %	75-125		P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		118 %	6 75-125		P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by El	PA / Standard Method	S							
Chloride	82.5	1.01	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
<u>Total Petroleum Hydrocarbons C6-C</u>	35 by EPA Method 80	15M							
C6-C12	377	25.3	mg/kg dry	1	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C12-C28	4910	25.3	mg/kg dry	1	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C28-C35	451	25.3	mg/kg dry	1	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		116 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		98.3 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	5740	25.3	mg/kg dry	1	[CALC]	05/10/16	05/11/16	calc	

Project: Cotton Draw Station Project Number: TBD Project Manager: Curt Stanley

SK-200 A @ 1

6E09010-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin H	Invironme	ntal Lab, I	L.P.				
Organics by GC									
Benzene	ND	0.0202	mg/kg dry	20	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	0.426	0.0404	mg/kg dry	20	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.556	0.0202	mg/kg dry	20	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	2.37	0.0404	mg/kg dry	20	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	0.770	0.0202	mg/kg dry	20	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		120 %	75-125		P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		77.9 %	75-125		P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Method	ls							
Chloride	49.4	1.01	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	15M							
C6-C12	715	126	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C12-C28	5010	126	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C28-C35	440	126	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		85.6 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	6160	126	mg/kg dry	5	[CALC]	05/10/16	05/11/16	calc	

Sample-1 @ 1'

6E09010-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	Invironme	ntal Lab, I	L. P.				
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		120 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		133 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	S-GC
General Chemistry Parameters by El	PA / Standard Method	s							
Chloride	7.18	1.01	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	15M							
C6-C12	ND	25.3	mg/kg dry	1	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C12-C28	32.5	25.3	mg/kg dry	1	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	32.5	25.3	mg/kg dry	1	[CALC]	05/10/16	05/11/16	calc	

Sample-2 @ 3''

6E09010-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	1ian Basin E	nvironmer	ital Lab, l	L. P.				
Organics by GC									
Benzene	ND	0.101	mg/kg dry	100	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	6.98	0.202	mg/kg dry	100	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	8.17	0.101	mg/kg dry	100	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	33.7	0.202	mg/kg dry	100	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	12.8	0.101	mg/kg dry	100	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		69.3 %	75-125		P6E2305	05/18/16	05/19/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		120 %	75-125		P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by El	<u>PA / Standard Method</u>	<u>s</u>							
Chloride	25.2	1.01	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	15M							
C6-C12	2400	126	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C12-C28	9190	126	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C28-C35	832	126	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		100 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	12400	126	mg/kg dry	5	[CALC]	05/10/16	05/11/16	calc	

Sample-3 @ 1'

6E09010-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	Cnvironme	ntal Lab, I	L .P.				
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	0.141	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.0862	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.353	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (0)	0.108	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		63.1 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		97.8 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by El	PA / Standard Method	ls							
Chloride	121	1.02	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	15M							
C6-C12	8430	128	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C12-C28	15000	128	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M	
>C28-C35	1270	128	mg/kg dry	5	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		118 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-1	30	P6E1108	05/10/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	24700	128	mg/kg dry	5	[CALC]	05/10/16	05/11/16	calc	

Sample-4 @ 1'

6E09010-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin H	Invironmen	tal Lab, l	L .P.	-	-		
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	0.00640	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.00266	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.0248	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	0.00664	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		116 %	75-125		P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		118 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by E	EPA / Standard Method	ls							
Chloride	46.2	1.01	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
<u>Total Petroleum Hydrocarbons C6-0</u>	C35 by EPA Method 80	15M							
C6-C12	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	40.3	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		84.3 %	70-1.	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		93.2 %	70-1.	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	40.3	25.3	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

Sample-5 @ 2.5'

6E09010-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	Invironmen	ıtal Lab, l	L .P.				
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.00112	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.0103	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	0.00216	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		119 %	75-125		P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		116 %	75-1.	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by E	<u>PA / Standard Method</u>	ls							
Chloride	67.8	1.01	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-0	35 by EPA Method 80	15M							
C6-C12	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	47.6	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		81.3 %	70-1.	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		89.3 %	70-1.	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	47.6	25.3	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

Sample-6 @ 1'

6E09010-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin F	Environme	ntal Lab, 1	L .P.				
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.00260	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		121 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		123 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by EPA	/ Standard Method	ls							
Chloride	15.1	1.01	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 80	015M							
C6-C12	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		79.5 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		91.6 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

Sample-7 @ 2''

6E09010-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin H	Environmei	ıtal Lab, l	L .P.				
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	0.0206	0.00202	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.0298	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.139	0.00202	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (0)	0.0475	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		114 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		72.1 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	S-GC
General Chemistry Parameters by El	PA / Standard Method	ls							
Chloride	95.7	1.01	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
<u>Total Petroleum Hydrocarbons C6-C</u>	35 by EPA Method 80)15M							
C6-C12	1210	126	mg/kg dry	5	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	10800	126	mg/kg dry	5	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	1620	126	mg/kg dry	5	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		115 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		132 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	13600	126	mg/kg dry	5	[CALC]	05/11/16	05/11/16	calc	

Project Manager: Curt Stanley Sample-8 @ 1' 6E09010-12 (Soil) Reporting Analyte Result Limit Units Dilution Batch Prepared Analyzed Method Notes Permian Basin Environmental Lab, L.P. **Organics by GC** P6E2305 EPA 8021B Benzene ND 0.00102 mg/kg dry 1 05/18/16 05/19/16 P6E2305 EPA 8021B Toluene ND 0.00204 mg/kg dry 1 05/18/16 05/19/16 mg/kg dry P6E2305 EPA 8021B Ethylbenzene ND 0.00102 1 05/18/16 05/19/16 Xylene (p/m) ND 0.00204 mg/kg dry 1 P6E2305 05/18/16 05/19/16 EPA 8021B 0.00102 mg/kg dry P6E2305 EPA 8021B ND 1 Xylene (o) 05/18/16 05/19/16 Surrogate: 1,4-Difluorobenzene 123 % 75-125 P6E2305 05/18/16 05/19/16 EPA 8021B Surrogate: 4-Bromofluorobenzene P6E2305 05/18/16 05/19/16 EPA 8021B 121 % 75-125 **General Chemistry Parameters by EPA / Standard Methods** P6E2311 EPA 300.0 mg/kg dry 1 Chloride 47.8 1.02 05/23/16 05/23/16 % Moisture 2.0 0.1 % 1 P6E1006 05/10/16 05/11/16 % calculation Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M C6-C12 ND 25.5 mg/kg dry 1 P6E1205 05/11/16 05/11/16 TPH 8015M P6E1205 TPH 8015M >C12-C28 88.7 1 25.5 mg/kg dry 05/11/16 05/11/16 TPH 8015M >C28-C35 43.1 mg/kg dry 1 P6E1205 05/11/16 25.5 05/11/16 Surrogate: 1-Chlorooctane 93.9% 70-130 P6E1205 05/11/16 05/11/16 TPH 8015M P6E1205 05/11/16 05/11/16 TPH 8015M Surrogate: o-Terphenyl 106 % 70-130

25.5 mg/kg dry

[CALC]

1

05/11/16

05/11/16

calc

132

Total Petroleum Hydrocarbon C6-C35

DRAFT REPORT

Sample-9 @ 1'

6E09010-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Perr	nian Basin F	Invironmen	ital Lab, l	L. P.				
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00204	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		124 %	75-12	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		120 %	75-12	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by EPA	Standard Method	ls							
Chloride	31.2	1.02	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 80	15M							
C6-C12	ND	25.5	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		87.7 %	70-1.	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		98.0 %	70-1.	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

Project: Cotton Draw Station Project Number: TBD Project Manager: Curt Stanley

Sample-10 @ 3''

6E09010-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	nian Basin H	Environme	ntal Lab, I	L. P.				
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.00265	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.0303	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (0)	0.0120	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		123 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		115 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by H	CPA / Standard Method	ls							
Chloride	108	1.01	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-0	C35 by EPA Method 80	15M							
C6-C12	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	133	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	26.9	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		85.0 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		<i>93.7 %</i>	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	160	25.3	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

Sample-12 @ 2''

6E09010-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	nvironme	ntal Lab, l	L.P.				
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.00180	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.0264	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	0.0103	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		131 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		125 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Method	<u>s</u>							
Chloride	303	1.01	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	15M							
C6-C12	59.0	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	1440	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	228	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		88.3 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		<i>99.3 %</i>	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1730	25.3	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

Sample-13 @ 2''

6E09010-16 (Soil)

	D. I.	Reporting	T T 1.	Dilai	D . 1	D 1			N T .
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	Environmei	ntal Lab, I	L .P.				
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	0.00945	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.0212	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.0999	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	0.0328	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		71.4 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		113 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Method	ls							
Chloride	103	1.02	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
<u>Total Petroleum Hydrocarbons C6-C</u>	C35 by EPA Method 80	15M							
C6-C12	2430	128	mg/kg dry	5	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	12800	128	mg/kg dry	5	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	1990	128	mg/kg dry	5	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		114 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	17200	128	mg/kg dry	5	[CALC]	05/11/16	05/11/16	calc	

Midland TX, 79703 Project Manager: Curt Stanley Sample-14 @ 2" 6E09010-17 (Soil) Reporting Analyte Result Limit Units Dilution Batch Prepared Analyzed Method Notes Permian Basin Environmental Lab, L.P. **Organics by GC** P6E2305 EPA 8021B Benzene ND 0.00102 mg/kg dry 1 05/18/16 05/19/16 P6E2305 EPA 8021B Toluene ND 0.00204 mg/kg dry 1 05/18/16 05/19/16 0.0111 mg/kg dry P6E2305 EPA 8021B Ethylbenzene 0.00102 1 05/18/16 05/19/16 EPA 8021B 1 P6E2305 Xylene (p/m) 0.0759 0.00204 mg/kg dry 05/18/16 05/19/16 Xylene (o) 0.0319 0.00102 mg/kg dry 1 P6E2305 05/18/16 05/19/16 EPA 8021B Surrogate: 1,4-Difluorobenzene 119 % P6E2305 05/18/16 05/19/16 EPA 8021B 75-125 Surrogate: 4-Bromofluorobenzene P6E2305 05/18/16 05/19/16 EPA 8021B S-GC 130 % 75-125 **General Chemistry Parameters by EPA / Standard Methods** mg/kg dry 1 P6E2311 EPA 300.0 Chloride 34.4 1.02 05/23/16 05/23/16 % Moisture 0.1 % 1 P6E1006 % calculation 2.0 05/10/16 05/11/16 Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M mg/kg dry C6-C12 P6E1205 TPH 8015M 59.8 25.5 1 05/11/16 05/11/16 >C12-C28 796 25.5 mg/kg dry 1 P6E1205 05/11/16 05/11/16 TPH 8015M >C28-C35 140 25.5 mg/kg dry 1 P6E1205 05/11/16 05/11/16 TPH 8015M Surrogate: 1-Chlorooctane 92.7 % P6E1205 05/11/16 05/11/16 TPH 8015M 70-130 Surrogate: o-Terphenyl 102 % 70-130 P6E1205 05/11/16 05/11/16 TPH 8015M **Total Petroleum Hydrocarbon** 25.5 mg/kg dry 1 [CALC] 05/11/16 05/11/16 calc 996

C6-C35

DRAFT REPORT

Sample-15 @ 4''

6E09010-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin F	Environmen	tal Lab, I	L .P.				
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00204	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		126 %	75-12	25	P6E2305	05/18/16	05/19/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		124 %	75-12	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by EPA /	Standard Method	ls							
Chloride	58.2	1.02	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 h	oy EPA Method 80)15M							
C6-C12	ND	25.5	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		90.4 %	70-1.	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		98.8 %	70-1.	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

Sample-16 @ 1'

6E09010-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin F	Invironmen	ital Lab, l	L .P.				
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00206	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		133 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		124 %	75-1.	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by EPA /	Standard Method	ls							
Chloride	11.1	1.03	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
<u>Total Petroleum Hydrocarbons C6-C35 h</u>	oy EPA Method 80	15M							
C6-C12	ND	25.8	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		90.3 %	70-1.	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		100 %	70-1.	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

Sample-17 @ 2''

6E09010-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	nvironme	ital Lab, I	L .P.				
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	0.00678	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.0202	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.103	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	0.0363	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		113 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		67.1 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	S-GC
General Chemistry Parameters by El	PA / Standard Method	ls							
Chloride	90.3	1.02	mg/kg dry	1	P6E2311	05/23/16	05/23/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	15M							
C6-C12	1580	128	mg/kg dry	5	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	11000	128	mg/kg dry	5	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	1720	128	mg/kg dry	5	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		92.1 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	14300	128	mg/kg dry	5	[CALC]	05/11/16	05/11/16	calc	

Sample-21 @ 1'

6E09010-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	Invironme	ntal Lab, 1	L .P.				
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	0.00296	0.00202	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.0167	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.0833	0.00202	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (0)	0.0261	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		63.4 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		114 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Method	ls							
Chloride	6.31	1.01	mg/kg dry	1	P6E2312	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C	C35 by EPA Method 80	15M							
C6-C12	580	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	3910	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	554	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		111 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		111 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	5050	25.3	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

Midland TX, 79703 Project Manager: Curt Stanley Sample-22 @ 2.5' 6E09010-22 (Soil) Reporting Analyte Result Limit Units Dilution Batch Prepared Analyzed Method Notes Permian Basin Environmental Lab, L.P. **Organics by GC** P6E2307 EPA 8021B Benzene ND 0.00102 mg/kg dry 1 05/18/16 05/19/16 P6E2307 EPA 8021B Toluene ND 0.00204 mg/kg dry 1 05/18/16 05/19/16 0.00567 mg/kg dry P6E2307 EPA 8021B Ethylbenzene 0.00102 1 05/18/16 05/19/16 EPA 8021B 1 P6E2307 Xylene (p/m) 0.0807 0.00204 mg/kg dry 05/18/16 05/19/16 Xylene (o) 0.0238 0.00102 mg/kg dry 1 P6E2307 05/18/16 05/19/16 EPA 8021B Surrogate: 4-Bromofluorobenzene P6E2307 05/18/16 05/19/16 EPA 8021B S-GC67.7 % 75-125 Surrogate: 1,4-Difluorobenzene P6E2307 05/18/16 05/19/16 EPA 8021B 114 % 75-125 **General Chemistry Parameters by EPA / Standard Methods** EPA 300.0 mg/kg dry 1 P6E2312 Chloride 7.50 1.02 05/23/16 05/23/16 % Moisture 0.1 % 1 P6E1006 % calculation 2.0 05/10/16 05/11/16 Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M mg/kg dry C6-C12 5 P6E1205 TPH 8015M 1190 128 05/11/16 05/11/16 >C12-C28 6520 128 mg/kg dry 5 P6E1205 05/11/16 05/11/16 TPH 8015M >C28-C35 1000 128 mg/kg dry 5 P6E1205 05/11/16 05/11/16 TPH 8015M Surrogate: 1-Chlorooctane 120 % P6E1205 05/11/16 05/11/16 TPH 8015M 70-130 Surrogate: o-Terphenyl 119% 70-130 P6E1205 05/11/16 05/11/16 TPH 8015M

128 mg/kg dry

8720

5

[CALC]

05/11/16

05/11/16

calc

Total Petroleum Hydrocarbon C6-C35

DRAFT REPORT

Sample-23 @ 2.5'

6E09010-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		ian Basin F	Invironme	ıtal Lab, I		1			
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.0102	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (0)	0.00227	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		109 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		123 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Method	s							
Chloride	11.2	1.01	mg/kg dry	1	P6E2312	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	15M							
C6-C12	36.3	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	688	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	118	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		95.6 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-1	30	P6E1205	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	843	25.3	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

Midland TX, 79703 Project Manager: Curt Stanley Sample-24 @ 5' 6E09010-24 (Soil) Reporting Analyte Result Limit Units Dilution Batch Prepared Analyzed Method Notes Permian Basin Environmental Lab, L.P. **Organics by GC** P6E2305 EPA 8021B Benzene ND 0.00101 mg/kg dry 1 05/18/16 05/19/16 P6E2305 EPA 8021B Toluene ND 0.00202 mg/kg dry 1 05/18/16 05/19/16 ND mg/kg dry P6E2305 EPA 8021B Ethylbenzene 0.00101 1 05/18/16 05/19/16 EPA 8021B Xylene (p/m) 0.00353 0.00202 mg/kg dry 1 P6E2305 05/18/16 05/19/16 Xylene (o) ND 0.00101 mg/kg dry 1 P6E2305 05/18/16 05/19/16 EPA 8021B Surrogate: 4-Bromofluorobenzene 115 % P6E2305 05/18/16 05/19/16 EPA 8021B 75-125 Surrogate: 1,4-Difluorobenzene 123 % 75-125 P6E2305 05/18/16 05/19/16 EPA 8021B **General Chemistry Parameters by EPA / Standard Methods** Chloride 43.3 mg/kg dry 1 P6E2312 EPA 300.0 1.01 05/23/16 05/23/16 % calculation % 1 P6E1006 % Moisture 1.0 0.1 05/10/16 05/11/16 Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M C6-C12 mg/kg dry P6E1205 **TPH 8015M** ND 25.3 1 05/11/16 05/11/16 P6E1205 TPH 8015M 156 mg/kg dry 1 >C12-C28 25.3 05/11/16 05/11/16 P6E1205 TPH 8015M >C28-C35 28.4 25.3 mg/kg dry 1 05/11/16 05/11/16 Surrogate: 1-Chlorooctane 92.1 % 70-130 P6E1205 05/11/16 05/11/16 TPH 8015M Surrogate: o-Terphenyl P6E1205 05/11/16 05/11/16 TPH 8015M 103 % 70-130 185 25.3 mg/kg dry 1 [CALC] 05/11/16 calc **Total Petroleum Hydrocarbon** 05/11/16

C6-C35

DRAFT REPORT

Sample-25 @ 2'

6E09010-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	nvironmer	ıtal Lab, l	L.P.				
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Toluene	0.00631	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.00441	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.0405	0.00202	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	0.0173	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		125 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		124 %	75-1	25	P6E2305	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Method	ls							
Chloride	7.71	1.01	mg/kg dry	1	P6E2312	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
<u>Total Petroleum Hydrocarbons C6-C</u>	C35 by EPA Method 80	15M							
C6-C12	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/12/16	TPH 8015M	
>C12-C28	94.5	25.3	mg/kg dry	1	P6E1205	05/11/16	05/12/16	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/12/16	TPH 8015M	
Surrogate: 1-Chlorooctane		93.9 %	70-1	30	P6E1205	05/11/16	05/12/16	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-1	30	P6E1205	05/11/16	05/12/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	94.5	25.3	mg/kg dry	1	[CALC]	05/11/16	05/12/16	calc	

Midland TX, 79703 Project Manager: Curt Stanley Sample-26 @ 2' 6E09010-26 (Soil) Reporting Analyte Result Limit Units Dilution Batch Prepared Analyzed Method Notes Permian Basin Environmental Lab, L.P. **Organics by GC** P6E2305 EPA 8021B Benzene ND 0.00101 mg/kg dry 1 05/18/16 05/19/16 P6E2305 EPA 8021B Toluene ND 0.00202 mg/kg dry 1 05/18/16 05/19/16 ND mg/kg dry P6E2305 EPA 8021B Ethylbenzene 0.00101 1 05/18/16 05/19/16 EPA 8021B Xylene (p/m) 0.00322 0.00202mg/kg dry 1 P6E2305 05/18/16 05/19/16 Xylene (o) ND 0.00101 mg/kg dry 1 P6E2305 05/18/16 05/19/16 EPA 8021B Surrogate: 4-Bromofluorobenzene 119 % P6E2305 05/18/16 05/19/16 EPA 8021B 75-125 Surrogate: 1,4-Difluorobenzene 122 % 75-125 P6E2305 05/18/16 05/19/16 EPA 8021B **General Chemistry Parameters by EPA / Standard Methods** 9.12 mg/kg dry 1 P6E2312 EPA 300.0 Chloride 1.01 05/23/16 05/23/16 % calculation % 1 P6E1006 % Moisture 1.0 0.1 05/10/16 05/11/16 Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M C6-C12 mg/kg dry P6E1205 **TPH 8015M** ND 25.3 1 05/11/16 05/12/16 >C12-C28 P6E1205 TPH 8015M 56.3 mg/kg dry 1 25.3 05/11/16 05/12/16 TPH 8015M >C28-C35 ND 25.3 mg/kg dry 1 P6E1205 05/11/16 05/12/16 Surrogate: 1-Chlorooctane 96.0% 70-130 P6E1205 05/11/16 05/12/16 TPH 8015M P6E1205 05/11/16 05/12/16 TPH 8015M Surrogate: o-Terphenyl 111 % 70-130 **Total Petroleum Hydrocarbon** 56.3 25.3 mg/kg dry [CALC] 05/11/16 calc 1 05/12/16

C6-C35

DRAFT REPORT

Midland TX, 79703 Project Manager: Curt Stanley Sample-27 @ 3' 6E09010-27 (Soil) Reporting Analyte Result Limit Units Dilution Batch Prepared Analyzed Method Notes Permian Basin Environmental Lab, L.P. Organics by GC mg/kg dry P6E2307 EPA 8021B Benzene ND 0.00101 1 05/18/16 05/19/16 P6E2307 EPA 8021B Toluene 0.00354 mg/kg dry 1 0.00202 05/18/16 05/19/16 Ethylbenzene 0.0137 0.00101 mg/kg dry 1 P6E2307 05/18/16 05/19/16 EPA 8021B EPA 8021B 0.0665 mg/kg dry 1 P6E2307 05/18/16 Xylene (p/m) 0.00202 05/19/16 Xylene (o) EPA 8021B 0.0207 0.00101 mg/kg dry 1 P6E2307 05/18/16 05/19/16 S-GC Surrogate: 4-Bromofluorobenzene 74.7% 75-125 P6E2307 05/18/16 05/19/16 EPA 8021B Surrogate: 1,4-Difluorobenzene EPA 8021B 05/18/16 05/19/16 111 % 75-125 P6E2307 General Chemistry Parameters by EPA / Standard Methods mg/kg dry EPA 300.0 1 P6E2312 Chloride 5.26 1.01 05/23/16 05/23/16 % Moisture 1.0 0.1 % 1 P6E1006 05/10/16 05/11/16 % calculation Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M 5 TPH 8015M C6-C12 1160 mg/kg dry P6E1205 05/11/16 126 05/12/16 5 P6E1205 TPH 8015M >C12-C28 6620 126 mg/kg dry 05/11/16 05/12/16 >C28-C35 984 126 mg/kg dry 5 P6E1205 05/11/16 05/12/16 TPH 8015M P6E1205 TPH 8015M Surrogate: 1-Chlorooctane 120 % 70-130 05/11/16 05/12/16P6E1205 05/11/16 05/12/16 TPH 8015M Surrogate: o-Terphenyl 124 % 70-130 5 **Total Petroleum Hydrocarbon** 8760 126 mg/kg dry [CALC] 05/11/16 05/12/16 calc

C6-C35

DRAFT REPORT

Sample-28 @ 3'

6E09010-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	Invironmer	ital Lab, I	L .P.				
Organics by GC									
Benzene	ND	0.00100	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00200	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.00447	0.00100	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.0287	0.00200	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (0)	0.0113	0.00100	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		117 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Method	ls							
Chloride	4.58	1.00	mg/kg dry	1	P6E2312	05/23/16	05/23/16	EPA 300.0	
% Moisture	ND	0.1	%	1	P6E1006	05/10/16	05/11/16	% calculation	
Total Petroleum Hydrocarbons C6-C	C35 by EPA Method 80	15M							
C6-C12	163	25.0	mg/kg dry	1	P6E1206	05/11/16	05/11/16	TPH 8015M	
>C12-C28	1030	25.0	mg/kg dry	1	P6E1206	05/11/16	05/11/16	TPH 8015M	
>C28-C35	80.1	25.0	mg/kg dry	1	P6E1206	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-1	30	P6E1206	05/11/16	05/11/16	TPH 8015M	
Surrogate: o-Terphenyl		102 %	70-1	30	P6E1206	05/11/16	05/11/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1280	25.0	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyta	Docult	Reporting	Unita	Spike Laval	Source	0/DEC	%REC	רזתם	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6E2305 - General Preparation (GC)										
Blank (P6E2305-BLK1)				Prepared: 0)5/18/16 Ar	nalyzed: 05	5/19/16			
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200								
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0585		"	0.0500		117	75-125			
Surrogate: 4-Bromofluorobenzene	0.0642		"	0.0500		128	75-125			S-GC
LCS (P6E2305-BS1)				Prepared &	Analyzed:	05/18/16				
Benzene	0.0984	0.00100	mg/kg wet	0.100		98.4	70-130			
Toluene	0.102	0.00200	"	0.100		102	70-130			
Ethylbenzene	0.113	0.00100	"	0.100		113	70-130			
Xylene (p/m)	0.213	0.00200	"	0.200		106	70-130			
Xylene (o)	0.110	0.00100	"	0.100		110	70-130			
Surrogate: 4-Bromofluorobenzene	0.0623		"	0.0500		125	75-125			
Surrogate: 1,4-Difluorobenzene	0.0606		"	0.0500		121	75-125			
LCS Dup (P6E2305-BSD1)				Prepared: (05/18/16 Ar	nalyzed: 05	5/19/16			
Benzene	0.0980	0.00100	mg/kg wet	0.100		98.0	70-130	0.326	20	
Toluene	0.103	0.00200	"	0.100		103	70-130	1.02	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	70-130	1.05	20	
Xylene (p/m)	0.215	0.00200	"	0.200		107	70-130	0.884	20	
Xylene (o)	0.111	0.00100		0.100		111	70-130	0.632	20	
Surrogate: 1,4-Difluorobenzene	0.0610		"	0.0500		122	75-125			
Surrogate: 4-Bromofluorobenzene	0.0626		"	0.0500		125	75-125			
Matrix Spike (P6E2305-MS1)	Sou	ırce: 6E09010	-02	Prepared: 0)5/18/16 Ar	nalyzed: 05	5/19/16			
Benzene	0.0608	0.00103	mg/kg dry	0.103	ND	58.9	80-120			QM-07
Toluene	0.0649	0.00206	"	0.103	ND	63.0	80-120			QM-07
Ethylbenzene	0.0735	0.00103	"	0.103	ND	71.3	80-120			QM-07
Xylene (p/m)	0.134	0.00206	"	0.206	0.00106	64.3	80-120			QM-07
Xylene (o)	0.0707	0.00103	"	0.103	ND	68.6	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	0.0660		"	0.0515		128	75-125			S-GC
Surrogate: 4-Bromofluorobenzene	0.0578		"	0.0515		112	75-125			

Organics by GC - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
liniyte	Result	Limit	Units	Level	Kesult	%REC	Limits	RPD	Limit	Notes
Batch P6E2305 - General Preparation (GC)									
Matrix Spike Dup (P6E2305-MSD1)	Sou	ırce: 6E09010	-02	Prepared:	05/18/16 Ai	nalyzed: 05	/19/16			
Benzene	0.0708	0.00103	mg/kg dry	0.103	ND	68.6	80-120	15.2	20	QM-0
Toluene	0.0770	0.00206	"	0.103	ND	74.7	80-120	17.1	20	QM-0
Ethylbenzene	0.0781	0.00103	"	0.103	ND	75.8	80-120	6.06	20	QM-07
Xylene (p/m)	0.151	0.00206	"	0.206	0.00106	72.9	80-120	12.6	20	QM-07
Xylene (o)	0.0817	0.00103	"	0.103	ND	79.2	80-120	14.4	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.0619		"	0.0515		120	75-125			
Surrogate: 1,4-Difluorobenzene	0.0651		"	0.0515		126	75-125			S-GC
Blank (P6E2307-BLK1)				Prepared:	05/18/16 Ai	nalyzed: 05	/19/16			
Benzene	ND	0.00100	mg/kg wet	1		<u> </u>				
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0578		"	0.0500		116	75-125			
Surrogate: 4-Bromofluorobenzene	0.0660		"	0.0500		132	75-125			<i>S-G</i> (
LCS (P6E2307-BS1)				Prepared:	05/18/16 Ai	nalyzed: 05	/19/16			
Benzene	0.0948	0.00100	mg/kg wet	0.100		94.8	70-130			
Toluene	0.0957	0.00200	"	0.100		95.7	70-130			

Delizene	0.0940	0.00100	mg/kg wet	0.100	94.0	/0-150	
Toluene	0.0957	0.00200	"	0.100	95.7	70-130	
Ethylbenzene	0.109	0.00100	"	0.100	109	70-130	
Xylene (p/m)	0.202	0.00200	"	0.200	101	70-130	
Xylene (o)	0.101	0.00100	"	0.100	101	70-130	
Surrogate: 1,4-Difluorobenzene	0.0595		"	0.0500	119	75-125	
Surrogate: 4-Bromofluorobenzene	0.0629		"	0.0500	126	75-125	S-GC

DRAFT REPORT

Organics by GC - 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 P6E2307 - General Preparation (GC)

LCS Dup (P6E2307-BSD1)				Prepared: 05/18	8/16 Analyzed: 05	/19/16			
Benzene	0.0905	0.00100	mg/kg wet	0.100	90.5	70-130	4.65	20	
Toluene	0.0940	0.00200	"	0.100	94.0	70-130	1.88	20	
Ethylbenzene	0.106	0.00100	"	0.100	106	70-130	2.99	20	
Xylene (p/m)	0.198	0.00200	"	0.200	98.8	70-130	2.37	20	
Xylene (o)	0.0985	0.00100	"	0.100	98.5	70-130	2.95	20	
Surrogate: 4-Bromofluorobenzene	0.0650		"	0.0500	130	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.0605		"	0.0500	121	75-125			

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
Analyte	Result	Liint	Ollits	Level	Result	70KLC	Linits	KI D	Lillin	Notes
Batch P6E1006 - *** DEFAULT PREP ***										
Blank (P6E1006-BLK1)				Prepared: ()5/10/16 Ai	nalyzed: 05	/11/16			
% Moisture	ND	0.1	%							
Blank (P6E1006-BLK2)				Prepared: (05/10/16 Ai	nalyzed: 05	/11/16			
% Moisture	ND	0.1	%							
Duplicate (P6E1006-DUP1)	Sou		01	Prepared: ()5/10/16 Ai	nalyzed: 05	/11/16			
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P6E1006-DUP2)	Sou		Prepared: ()5/10/16 Ai	nalyzed: 05	/11/16				
% Moisture	2.0	0.1	%		1.0			66.7	20	
Duplicate (P6E1006-DUP3)	2.0 0.1 %			Prepared: ()5/10/16 Ai	nalyzed: 05	/11/16			
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P6E1006-DUP4)	2.0 0.1 % Source: 6E09010-05 Pr 2.0 0.1 % Source: 6E09010-06 Pr 1.0 0.1 % Source: 6E09010-25 Pr ND 0.1 %			Prepared: ()5/10/16 Ai	nalyzed: 05	/11/16			
% Moisture	ND	0.1	%		1.0			200	20	
Duplicate (P6E1006-DUP5)	Sou	Source: 6E09010-25 Prepared: 05/10/16 ND 0.1 % 1.0 Source: 6E09011-01 Prepared: 05/10/16					/11/16			
% Moisture	1.0	0.1	%	1	1.0			0.00	20	
Batch P6E2311 - *** DEFAULT PREP ***										
				D 10		05/00/16				
Blank (P6E2311-BLK1)				Prepared &	Analyzed:	05/23/16				
Chloride	ND	1.00	mg/kg wet							
LCS (P6E2311-BS1)				Prepared &	Analyzed:	05/23/16				
Chloride	175	1.00	mg/kg wet	200		87.5	80-120			

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6E2311 - *** DEFAULT PREP ***										
LCS Dup (P6E2311-BSD1)				Prepared &	Analyzed:	05/23/16				
Chloride	178	1.00	mg/kg wet	200		88.8	80-120	1.49	20	
Duplicate (P6E2311-DUP1)	Sou	ce: 6E09010	-01	Prepared &	Analyzed:	05/23/16				
Chloride	124	1.02	mg/kg dry		123			0.940	20	
Duplicate (P6E2311-DUP2)	Sou	ce: 6E09010	-11	Prepared &	Level Result %REC Limits RPD repared & Analyzed: 05/23/16 200 88.8 80-120 1.49 repared & Analyzed: 05/23/16					
Chloride	96.9	1.01	mg/kg dry		95.7			1.26	20	
Matrix Spike (P6E2311-MS1)	Sou		-01	Prepared &	Analyzed:	05/23/16				
Chloride	258	1.02	mg/kg dry	153	123	87.7	80-120			
Batch P6E2312 - *** DEFAULT PREP ***										
Blank (P6E2312-BLK1)				Prepared &	Analyzed:	05/23/16				
Chloride	ND	1.00	mg/kg wet							
LCS (P6E2312-BS1)				Prepared &	Analyzed:	05/23/16				
Chloride	178	1.00	mg/kg wet	200		89.0	80-120			
LCS Dup (P6E2312-BSD1)				Prepared &	Analyzed:	05/23/16				
Chloride	177	1.00	mg/kg wet	200	•	88.5	80-120	0.620	20	
Duplicate (P6E2312-DUP1)	Sou		-21	Prepared &	z Analyzed:	05/23/16				
Chloride	6.38	1.01	mg/kg dry		6.31			1.11	20	
Duplicate (P6E2312-DUP2)	Sou	ce: 6E16001	-02	Prepared &	Analyzed:	05/23/16				

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 P6E2312 - *** DEFAULT PREP ***										
Matrix Spike (P6E2312-MS1)	Sour	rce: 6E09010-2	21	Prepared &	Prepared & Analyzed: 05/23/16					
Chloride	164	1.01	mg/kg dry	152	6.31	104	80-120			

DRAFT REPORT

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 P6E1108 - TX 1005										
Blank (P6E1108-BLK1)				Prepared: (05/10/16 At	nalyzed: 05	5/11/16			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	94.7		"	100		94.7	70-130			
Surrogate: o-Terphenyl	46.2		"	50.0		92.4	70-130			
LCS (P6E1108-BS1)				Prepared: (05/10/16 A	nalyzed: 05	5/11/16			
C6-C12	902	25.0	mg/kg wet	1000		90.2	75-125			
>C12-C28	987	25.0	"	1000		98.7	75-125			
Surrogate: 1-Chlorooctane	100		"	100		100	70-130			
Surrogate: o-Terphenyl	45.6		"	50.0		91.2	70-130			
LCS Dup (P6E1108-BSD1)				Prepared: (05/10/16 A	nalyzed: 05	5/11/16			
C6-C12	914	25.0	mg/kg wet	1000		91.4	75-125	1.30	20	
>C12-C28	997	25.0	"	1000		99.7	75-125	0.939	20	
Surrogate: 1-Chlorooctane	101		"	100		101	70-130			
Surrogate: o-Terphenyl	45.0		"	50.0		89.9	70-130			
Matrix Spike (P6E1108-MS1)	Sour	-ce: 6E09002	-02	Prepared: (05/10/16 A	nalyzed: 05	5/11/16			
C6-C12	975	27.5	mg/kg dry	1100	22.5	86.7	75-125			
>C12-C28	1130	27.5	"	1100	34.2	99.5	75-125			
Surrogate: 1-Chlorooctane	116		"	110		106	70-130			
Surrogate: o-Terphenyl	52.0		"	54.9		94.6	70-130			
Matrix Spike Dup (P6E1108-MSD1)	Sour	·ce: 6E09002	-02	Prepared: ()5/10/16 A	nalyzed: 05	5/11/16			
C6-C12	1020	27.5	mg/kg dry	1100	22.5	90.7	75-125	4.48	20	
>C12-C28	1160	27.5	"	1100	34.2	102	75-125	2.55	20	
Surrogate: 1-Chlorooctane	121		"	110		110	70-130			
Surrogate: o-Terphenyl	51.2		"	54.9		93.3	70-130			
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 P6E1205 - TX 1005										
Blank (P6E1205-BLK1)				Prepared &	Analyzed:	05/11/16				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	79.4		"	100		79.4	70-130			
Surrogate: o-Terphenyl	44.1		"	50.0		88. 3	70-130			
LCS (P6E1205-BS1)				Prepared &	Analyzed:	05/11/16				
C6-C12	800	25.0	mg/kg wet	1000		80.0	75-125			
>C12-C28	947	25.0	"	1000		94.7	75-125			
Surrogate: 1-Chlorooctane	103		"	100		103	70-130			
Surrogate: o-Terphenyl	41.6		"	50.0		83.2	70-130			
LCS Dup (P6E1205-BSD1)				Prepared &	Analyzed:	05/11/16				
C6-C12	825	25.0	mg/kg wet	1000		82.5	75-125	3.08	20	
>C12-C28	1050	25.0	"	1000		105	75-125	10.7	20	
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	52.5		"	50.0		105	70-130			
Matrix Spike (P6E1205-MS1)	Sour	ce: 6E09010	-15	Prepared: ()5/11/16 Ai	nalyzed: 05	/12/16			
C6-C12	931	25.3	mg/kg dry	1010	59.0	86.3	75-125			
>C12-C28	2400	25.3	"	1010	1440	94.9	75-125			
Surrogate: 1-Chlorooctane	130		"	101		129	70-130			
Surrogate: o-Terphenyl	54.0		"	50.5		107	70-130			
Matrix Spike Dup (P6E1205-MSD1)	Sour	ce: 6E09010	-15	Prepared: ()5/11/16 Ai	nalyzed: 05	/12/16			
C6-C12	936	25.3	mg/kg dry	1010	59.0	86.8	75-125	0.573	20	
>C12-C28	2250	25.3	"	1010	1440	80.4	75-125	16.6	20	
Surrogate: 1-Chlorooctane	131		"	101		130	70-130			
Surrogate: o-Terphenyl	54.1		"	50.5		107	70-130			

DRAFT REPORT

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 P6E1206 - TX 1005	Trebuit	Dimit	Cinto	20101	TCOSUTO	Juneo	Linno	14.5	Linit	110100
Blank (P6E1206-BLK1)				Prepared &	Analyzad	05/11/16				
C6-C12	ND	25.0	mg/kg wet	Flepareu &	c Anaryzeu.	03/11/10				
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0								
Surrogate: 1-Chlorooctane	91.0		"	100		91.0	70-130			
Surrogate: o-Terphenyl	44.2		"	50.0		88.5	70-130			
LCS (P6E1206-BS1)				Prepared &	Analyzed:	05/11/16				
C6-C12	855	25.0	mg/kg wet	1000		85.5	75-125			
>C12-C28	967	25.0	"	1000		96.7	75-125			
Surrogate: 1-Chlorooctane	95.1		"	100		95.1	70-130			
Surrogate: o-Terphenyl	39.5		"	50.0		79.1	70-130			
LCS Dup (P6E1206-BSD1)				Prepared &	Analyzed:	05/11/16				
C6-C12	916	25.0	mg/kg wet	1000		91.6	75-125	6.87	20	
>C12-C28	1040	25.0	"	1000		104	75-125	7.48	20	
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	42.4		"	50.0		84.7	70-130			
Matrix Spike (P6E1206-MS1)	Sou	-ce: 6E09012	-02	Prepared: ()5/11/16 A	nalyzed: 05	/12/16			
C6-C12	1010	26.3	mg/kg dry	1050	22.7	93.6	75-125			
>C12-C28	1160	26.3	"	1050	114	99.7	75-125			
Surrogate: 1-Chlorooctane	118		"	105		112	70-130			
Surrogate: o-Terphenyl	49.3		"	52.6		93.6	70-130			
Matrix Spike Dup (P6E1206-MSD1)	Sou	rce: 6E09012	-02	Prepared: ()5/11/16 A	nalyzed: 05	/12/16			
C6-C12	1030	26.3	mg/kg dry	1050	22.7	95.6	75-125	2.14	20	
>C12-C28	1170	26.3	"	1050	114	101	75-125	0.797	20	
Surrogate: 1-Chlorooctane	121		"	105		115	70-130			
Surrogate: o-Terphenyl	51.3		"	52.6		97.5	70-130			

DRAFT REPORT

Notes and Definitions

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:

Bun Barron

5/24/2016

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.

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

Date:

elinqu		Relinquish	Special	10	8	20-	2	200	Ŕ	20	R	R	6	LAB # (lab use only)	ORDER #:	Sa (lab use only)					Rifer:
Kelinquisned by:		ished by	I Instructions: Bill to Plain			199 <i>9.20</i> 0									- 7	San	Tele	City	Con	Соп	Project Manag
		K	nstructions: Bill to Plains,												2	Sampler Signature:	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:
				Sa	San	Sa	Sa	Sa	Sa	SK	SK	P	קי		RE OG	ignatu	No	Zip:	Addre	Name	Inager
		9	HOLD for BTEX and Chloride	Sample-6 @ 1'	Sample-5 @ 2.5	Sample-4 @ 1'	Sample-3 @ 1'	Sample-2 @ 3"	Sample-1 @ 1'	SK-200 A @ 1	SK-500 A @ 1.5	P-410 A @	P-400 A @ 2	FIELD CODE	Ď			Mi		11	
		γ	- BTE)	6 @ 1	@ 2.	4@1	3@1	2@3	1@1	A @ 1	@ 1.	@ 3.5'	@ 2) ODE	010	$ \{$	(432)5207	Midland/TX/79703	2057 Commerce Dr.	TRC Environmental Corporation	Curt Stanley
			(and		01		-		-	-	<u>5</u>				$ \bigcirc$	λF		X/797(nmerce	ironme	ley
Jale		1	Chlori													4 ¥	1	ບ ເ ເ	Dr.	ntal Co	
		й (ide											.	ана. П. с	VF				rporati	
HITIE		Time												Beginning Depth	-	K				l S	
*												18 . 1		Ending Depth				•			• • •
Received by PBEL		Received by:		5/6/2016	5/6/2016	5/6/2016	5/6/2016	5/6/2016	5/6/2016	5/6/2016	5/6/2016	5/6/2016	5/6/2016	Date Sampled						•	
	5 	by:		016	016	016	016	016	016	016	016	016	016								
				1	1	со 10	ы С	6	G	ы С	G	6	ю				-		*.		
				1005	1000	950	940	930	920	915	910	905	900	Time Sampled		e-mail:	Fax No:	4		-	
2	1					•								Field Filtered	- ·		1 ¹				Mid
				<u> </u>	<u> </u>	<u> </u>	<u>_</u>	<u> </u>	<u> </u>	<u> </u>	<u>_</u>	<u> </u>	<u></u>	Total #. of Containers		costaniey@tro: cibryant@t		e ^{te} re			10014 S. County Road 1213 Midland, Texas 79706
			194 1947 - 194 1947 - 194	Ě	×	×	×	×	×	×	×	×	×	Ice HNO ₃	Pre		-				, Tex
				F				-	<u> </u>					HCI	servation	yan			. T.		unty
			1.11					1.1		1			1.1	H ₂ SO ₄	2 0					1 · · · ·	' Roa 7970
			1.											NaCH	# of	Sol			1.1		ad 12
Since Since							<u> </u>							Na ₂ S ₂ O ₃	# of Containers	paalp.com				-	13
5		100		<u> </u>			1			2				None Other (Specify)	ners	ins.					
5	Date	Date Date	-			-		<u> </u>						DW=Drinking Water SL=Sludge				1	1	1	1
16				Soil	Soil	Soil	Soil	Soil	Soi	Soi	Soil	Soi	Soil	GW = Groundwater S=Soil/Solid	Matrix	. I ,	Rep				
		1] * * *		<u> </u>	=		=	-	-	-			NP=Non-Potable Specify Other	×	· · ·	oort		P	n an th	Proj
1347	lime	Time		×	×	×	×	×	×	×	×	×	×		015B		Report Format:		Project Loc:	Project #:	Project Name
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	a.									<u> </u>				TPH: TX 1005 TX 1006	3		nat	PO 券	Б.	ject	Vam
Received Adjusted:	Fen -	abe Cust Cust	and Sam		· . · ·		<u> </u>				1			Cations (Ca, Mg, Na, K)			ाज्य		· 유. ·]	* 	ë
sted	y Sa Y Co	ody ody ody	ple (s Fr				-							Anions (CI, SO4, Alkalinity)	TOTAL:	TCLP:	N S	1.1		• •	
	Imple	h col seal: seal: seal:	ont cont		_		_				1	1	-	Metals: As Ag Ba Cd Cr Pb H			Standard				
	°, NDo	s on s on s on	vomi aine f He		-		-	-	1	-		•.•		Volatiles	900	Anal	ard				
	by Sampler/Client Rep. ? by Courier? UPS I Temperature Upon Receipt	Labels on container(s) Custody seals on container(s) Custody seals on cooler(S) Samnle Hand Delivered	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?			-	- -	1		1	+	+		Semivolatiles		Analyze For:			ea (Cott
ီဂီ.	v sep Sep) ler(s) id	tact" ace		1.		1	\mathbf{T}		+			1	BTEX 8021B/5030 or BTEX 8	260	- ș			oun	20	on
°C °C <u>Factor</u>	pt ? DHL	۹۲(S))	~ ~	-	1.		┼─	+					1	RCI] TRRP		Lea County, New Mexico	2016-057	Cotton Draw Station
đ	F					1		1				1		N.O.R.M.			RP		lew	057	Cotton Draw St
	Æ													Chlorides E 300				- 1	Mexi		atio
	FedÉx	≺ <i>≺</i> -	<≺≺							•				Paint Filter					8		Ĵ
	<u>چ</u> .													TCLP Benzene						·	
	N Lone Star	zzzz	zzz							1				RUSH TAT (Pre-Schedule) 2	4, 48, 72 i	nrs	DES		· · · ·	а — ¹	
- 36 4 M A Store 20 5	10 S. C.			×	Ι×	×	×	×	×	×	×	×	×	Standard TAT				I			

Char e de la sectorita Casa e de la sectorita<	Relin	Keim	Relin	Spec	al de la		2	3 3	で		0	0		で	LAB # (lab use only)	ORI	(lab ı							
CHAN OF CLUSTOOP RECORD AWDAKLYSS REQUEST Prove 4224414 Prove 42244	quishe	quishe	Ruishe	ial In:			Ň	Ĺ	6			3					JSE OF		· ·	C ¹				
CHAN OF CUSTOON RECORD AND ANALYSS REPORTS Form and Enformment Law P Prove Asset 1414 Form and Enformment Law P Prove Asset 1414 Prove Asset 1414 <th c<="" td=""><td>d by:</td><td>diby</td><td>Ly</td><td>Sill to</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>ŀ</td><td></td><td></td><td></td><td></td><td>ily)</td><td>Sam</td><td>eler</td><td>City/</td><td>Com</td><td>Som</td><td>Proje</td></th>	<td>d by:</td> <td>diby</td> <td>Ly</td> <td>Sill to</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ŀ</td> <td></td> <td></td> <td></td> <td></td> <td>ily)</td> <td>Sam</td> <td>eler</td> <td>City/</td> <td>Com</td> <td>Som</td> <td>Proje</td>	d by:	diby	Ly	Sill to								ŀ					ily)	Sam	eler	City/	Com	Som	Proje
CHAN OF CUSTOON RECORD AND ANALYSS REPORTS Form and Enformment Law P Prove Asset 1414 Form and Enformment Law P Prove Asset 1414 Prove Asset 1414 <th c<="" td=""><td></td><td>/</td><td>1/</td><td>) Pla</td><td></td><td></td><td></td><td>ч. </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>XX</td><td>Š</td><td>pler</td><td>ohor</td><td>State</td><td>pany</td><td>pany</td><td>Port N</td></th>	<td></td> <td>/</td> <td>1/</td> <td>) Pla</td> <td></td> <td></td> <td></td> <td>ч. </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>XX</td> <td>Š</td> <td>pler</td> <td>ohor</td> <td>State</td> <td>pany</td> <td>pany</td> <td>Port N</td>		/	1/) Pla				ч. 								XX	Š	pler	ohor	State	pany	pany	Port N
Wight of Clustropy RECORD AND ANALYSS RECUEST Page 10 and Extra Partial And Extra And Extra Partial And Extra Paris And Extra Partial And Extra Partial And Ex		$ \bigcirc$	K	ins,												Č	17	Sigr	ie Z	diZ/e	Ad	v Na	lana	
Chain OF CUSTOPY RECORD AND ANALYXIS RECURSY remains law and an analysis of analysis of an analysis of			R	НО			San	San	San	San	San	Sam	Sam	San	π	Ś	5	hatu	<u>0</u>	<u>.</u>	dres	me	igen	
Page 3 of 2 CHAIN OF CLUSTODY RECUEST Page 3 of 2 Torring Page 3 of 2 <th colsp<="" td=""><td></td><td> . </td><td></td><td>E f</td><td>· · . ·</td><td></td><td>nple</td><td>nple</td><td>nple</td><td>nple</td><td>nple</td><td>ple-</td><td>ple</td><td>nple</td><td></td><td></td><td>\bar{Q}</td><td>Ē</td><td></td><td> -a</td><td></td><td>ات آ</td><td></td></th>	<td></td> <td> . </td> <td></td> <td>E f</td> <td>· · . ·</td> <td></td> <td>nple</td> <td>nple</td> <td>nple</td> <td>nple</td> <td>nple</td> <td>ple-</td> <td>ple</td> <td>nple</td> <td></td> <td></td> <td>\bar{Q}</td> <td>Ē</td> <td></td> <td> -a</td> <td></td> <td>ات آ</td> <td></td>		. 		E f	· · . ·		nple	nple	nple	nple	nple	ple-	ple	nple			\bar{Q}	Ē		-a		ات آ	
Page 3 of 2 CHAIN OF CLUSTODY RECUEST Page 3 of 2 Torring Page 3 of 2 <th colsp<="" td=""><td></td><td></td><td>2</td><td>or B</td><td></td><td></td><td>-28</td><td>-27</td><td>-26</td><td>25</td><td>24</td><td>23</td><td>22</td><td>2</td><td>CO</td><td>2</td><td>Ъ</td><td></td><td>482</td><td>Midla</td><td>2057</td><td>RC</td><td>Surt:</td></th>	<td></td> <td></td> <td>2</td> <td>or B</td> <td></td> <td></td> <td>-28</td> <td>-27</td> <td>-26</td> <td>25</td> <td>24</td> <td>23</td> <td>22</td> <td>2</td> <td>CO</td> <td>2</td> <td>Ъ</td> <td></td> <td>482</td> <td>Midla</td> <td>2057</td> <td>RC</td> <td>Surt:</td>			2	or B			-28	-27	-26	25	24	23	22	2	CO	2	Ъ		482	Midla	2057	RC	Surt:
Page 3 of 2 CHAIN OF CLUSTODY RECUEST Page 3 of 2 Torring Page 3 of 2 <th colsp<="" td=""><td></td><td></td><td>۲</td><td>Ē</td><td></td><td></td><td>(Ω) ω</td><td>® З</td><td>® 2</td><td>@ 2</td><td>® 5</td><td>2</td><td>22</td><td></td><td>m</td><td>C</td><td>1</td><td></td><td>5207</td><td>nd/T</td><td>Corr</td><td>Envii</td><td>Stanl</td></th>	<td></td> <td></td> <td>۲</td> <td>Ē</td> <td></td> <td></td> <td>(Ω) ω</td> <td>® З</td> <td>® 2</td> <td>@ 2</td> <td>® 5</td> <td>2</td> <td>22</td> <td></td> <td>m</td> <td>C</td> <td>1</td> <td></td> <td>5207</td> <td>nd/T</td> <td>Corr</td> <td>Envii</td> <td>Stanl</td>			۲	Ē			(Ω) ω	® З	® 2	@ 2	® 5	2	22		m	C	1		5207	nd/T	Corr	Envii	Stanl
Toustopy RECORD AND ANALLYSIS RECOURSY Procession 2000 Procession 2000 <th colspan<="" td=""><td></td><td></td><td><u> </u></td><td>and</td><td>1</td><td></td><td></td><td>-</td><td>-</td><td></td><td></td><td>0<u>1</u></td><td>10<u>1</u></td><td>-</td><td></td><td></td><td>Y</td><td></td><td>720</td><td>X79</td><td>men</td><td>onm</td><td></td></th>	<td></td> <td></td> <td><u> </u></td> <td>and</td> <td>1</td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td>0<u>1</u></td> <td>10<u>1</u></td> <td>-</td> <td></td> <td></td> <td>Y</td> <td></td> <td>720</td> <td>X79</td> <td>men</td> <td>onm</td> <td></td>			<u> </u>	and	1			-	-			0 <u>1</u>	10 <u>1</u>	-			Y		720	X79	men	onm	
Toustopy RECORD AND ANALLYSIS RECOURSY Procession 2000 Procession 2000 <th colspan<="" td=""><td></td><td></td><td>p 7 0</td><td>L C L</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>5</td><td>703</td><td></td><td>enta</td><td>CHIA</td></th>	<td></td> <td></td> <td>p 7 0</td> <td>L C L</td> <td></td> <td>5</td> <td>703</td> <td></td> <td>enta</td> <td>CHIA</td>			p 7 0	L C L															5	703		enta	CHIA
Toustopy RECORD AND ANALLYSIS RECOURSY Procession 2000 Procession 2000 <th colspan<="" td=""><td>ate</td><td>are</td><td>5</td><td>lorio</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>ĺ</td><td></td><td></td><td>. 4983</td><td>-</td><td></td><td>47</td><td></td><td></td><td>Cor</td><td>N N</td></th>	<td>ate</td> <td>are</td> <td>5</td> <td>lorio</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ĺ</td> <td></td> <td></td> <td>. 4983</td> <td>-</td> <td></td> <td>47</td> <td></td> <td></td> <td>Cor</td> <td>N N</td>	ate	are	5	lorio									ĺ			. 4983	-		47			Cor	N N
Processed 123 Processed 123 <th co<="" td=""><td></td><td></td><td>P.</td><td>ĕ</td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td>14</td><td></td><td></td><td></td><td>pora</td><td>Это</td></th>	<td></td> <td></td> <td>P.</td> <td>ĕ</td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td>14</td> <td></td> <td></td> <td></td> <td>pora</td> <td>Это</td>			P.	ĕ	_									-				14				pora	Э т о
Init Revironmental Lab, LP Phone: 432-661-4184 Tage 3 org 3 as 79706 Project Name: Cotton Diraw Station Project I:3:3 Project Name: Cotton Diraw Station Project I:3:3 Project I:3:3 Project I:3:3	lim			a ta an A											Beginning Depth			Y.	1		a an	tion	UST	
Init Revironmental Lab, LP Phone: 432-661-4184 Tage 3 org 3 as 79706 Project Name: Cotton Diraw Station Project I:3:3 Project Name: Cotton Diraw Station Project I:3:3 Project I:3:3 Project I:3:3			44						- 			* . *			Ending Depth			K	\$				ODY	
Init Revironmental Lab, LP Phone: 432-661-4184 Tage 3 org 3 as 79706 Project Name: Cotton Diraw Station Project I:3:3 Project Name: Cotton Diraw Station Project I:3:3 Project I:3:3 Project I:3:3	A	Rece	Rece				5/	5/0	5	5	5/	5/0	5	5			-	ſ		1.			REC	
Init Revironmental Lab, LP Phone: 432-661-4184 Tage 3 org 3 as 79706 Project Name: Cotton Diraw Station Project I:3:3 Project Name: Cotton Diraw Station Project I:3:3 Project I:3:3 Project I:3:3	₩ Æ	Ved	Wed				6/20	6/20	6/20	6/20	6/20	6/20	6/20	6/20	Date Sampled	1					ана 1944 — Ал		Й Я	
Init Revironmental Lab, LP Phone: 432-661-4184 Tage 3 org 3 as 79706 Project Name: Cotton Diraw Station Project I:3:3 Project Name: Cotton Diraw Station Project I:3:3 Project I:3:3 Project I:3:3	N 8	// s	Š		-		16	16	16	16	16	16	16	16			n st Litera						DA	
Init Revironmental Lab, LP Phone: 432-661-4184 Tage 3 org 3 as 79706 Project Name: Cotton Diraw Station Project I:3:3 Project Name: Cotton Diraw Station Project I:3:3 Project I:3:3 Project I:3:3	N F	\mathcal{N}						\square			-							∎* .	•		с. н. с. с. 1		N	
Init Revironmental Lab, LP Phone: 432-661-4184 Tage 3 org 3 as 79706 Project Name: Cotton Diraw Station Project I:3:3 Project Name: Cotton Diraw Station Project I:3:3 Project I:3:3 Project I:3:3	\mathbb{N}						1	1		11	<u> </u>	=	11	1	Time Sampled			a	Ţ			-	AN	
Init Revironmental Lab, LP Phone: 432-661-4184 Tage 3 org 3 as 79706 Project Name: Cotton Diraw Station Project I:3:3 Project Name: Cotton Diraw Station Project I:3:3 Project I:3:3 Project I:3:3	1			1.1			ទ្រ	8	6	8	ភ	1	ល	8				-ma	X			1		
Init Revironmental Lab, LP Phone: 432-661-4184 Tage 3 org 3 as 79706 Project Name: Cotton Diraw Station Project I:3:3 Project Name: Cotton Diraw Station Project I:3:3 Project I:3:3 Project I:3:3	$ \wedge \rangle$					┢	· ·	-				1			Field Filtered	_			<u>9</u>				SIS P	
Init Revironmental Lab, LP Phone: 432-661-4184 Tage 3 org 3 as 79706 Project Name: Cotton Diraw Station Project I:3:3 Project Name: Cotton Diraw Station Project I:3:3 Project I:3:3 Project I:3:3	$\ N\ $			14 A			<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	-		-		8					REQ Prmia 1014	
Init Revironmental Lab, LP Phone: 432-661-4184 Tage 3 org 3 as 79706 Project Name: Cotton Diraw Station Project I:3:3 Project Name: Cotton Diraw Station Project I:3:3 Project I:3:3 Project I:3:3							×	×	×	×	×	×	×	×	Ice			star					UES	
Project Name: Cotton Draw Station Project Name: Cotton Draw Station Project Name: 2016-057 Project I.or: Lea Counity, New Mexico PO #: TCLP: Po #: Soli Soli X Soli X Soli X Soli X Soli X Soli X VOCS: Free of Hatas Soli X Soli X VOCS: Free of Hatas Soli X VOCS: Volatiles Soli X VOCS: Free of Hatas Soli X								<u> </u>							HNO ₃	reser						· • • • • •	ioun exa:	
Project Name: Cotton Draw Station Project Name: Cotton Draw Station Project Name: 2016-057 Project I.or: Lea Counity, New Mexico PO #: TCLP: Po #: Soli Soli X Soli X Soli X Soli X Soli X Soli X VOCS: Free of Hatas Soli X Soli X VOCS: Free of Hatas Soli X VOCS: Volatiles Soli X VOCS: Free of Hatas Soli X	\mathcal{V}					<u> </u>	-				<u> </u>			ļ.		vatio							s ty R	
Project Name: Cotton Draw Station Project Name: Cotton Draw Station Project Name: 2016-057 Project I.or: Lea Counity, New Mexico PO #: TCLP: Po #: Soli Soli X Soli X Soli X Soli X Soli X Soli X VOCS: Free of Hatas Soli X Soli X VOCS: Free of Hatas Soli X VOCS: Volatiles Soli X VOCS: Free of Hatas Soli X						-	<u>.</u>						<u> </u>	<u> </u>		- %							oad 706	
Project Name: Cotton Draw Station Project Name: Cotton Draw Station Project Name: 2016-057 Project I.or: Lea Counity, New Mexico PO #: TCLP: Po #: Soli Soli X Soli X Soli X Soli X Soli X Soli X VOCS: Free of Hatas Soli X Soli X VOCS: Free of Hatas Soli X VOCS: Volatiles Soli X VOCS: Free of Hatas Soli X					-									1 A.		- Cor	1.1	alp					nent 121:	
Project Name: Cotton Draw Station Project Name: Cotton Draw Station Project Name: 2016-057 Project I.or: Lea Counity, New Mexico PO #: TCLP: Po #: Soli Soli X Soli X Soli X Soli X Soli X Soli X VOCS: Free of Hatas Soli X Soli X VOCS: Free of Hatas Soli X VOCS: Volatiles Soli X VOCS: Free of Hatas Soli X	6			1												ntaine	n de la composition de la comp	S IO					ບ <u>ຄ</u> 5	
Project Name: Cotton Draw Station Project Name: Cotton Draw Station Project Name: 2016-057 Project I.or: Lea Counity, New Mexico PO #: TCLP: Po #: Soli Soli X Soli X Soli X Soli X Soli X Soli X VOCS: Free of Hatas Soli X Soli X VOCS: Free of Hatas Soli X VOCS: Volatiles Soli X VOCS: Free of Hatas Soli X	The second secon			,										1.1	Other (Specify)	- IS		D S E	- 	ľ			Ţ Ţ	
Project Name: Cotton Draw Station project Loc: Lee County, New Mexico project Loc: TrrRp Nonex Anions (Cl, SO4, Alkalinity) Nonex Sar/ESP / CEC Anions (Cl, SO4, Alkalinity) Anions (Cl, SO4, Alkalinity) Nonex Sar/ESP / CEC Anions (Cl, SO4, Alkalinity) Sar/ESP / CEC Sarriele Containers Sarriele Containers Sarriele Containers Sarriele Sages Sarriele Containers N.O.R.M. Classics on containers Y Standard TAT N.O.R.M. Chorides E 300 Y Volatiles Y Standard TAT Y V Sarriele Sages Y Y V N.O.			8				6	6	6	6	6	6	G	6		M		Ĕ	71				σ	
Project Name: Cotton Draw Station project Loc: Lee County, New Mexico project Loc: TrrRp Nonex Anions (Cl, SO4, Alkalinity) Nonex Sar/ESP / CEC Anions (Cl, SO4, Alkalinity) Anions (Cl, SO4, Alkalinity) Nonex Sar/ESP / CEC Anions (Cl, SO4, Alkalinity) Sar/ESP / CEC Sarriele Containers Sarriele Containers Sarriele Containers Sarriele Sages Sarriele Containers N.O.R.M. Classics on containers Y Standard TAT N.O.R.M. Chorides E 300 Y Volatiles Y Standard TAT Y V Sarriele Sages Y Y V N.O.	0						<u>ŏ</u> .	l≌́	Ŭ.	l≌́	ů.	l <u>ĕ</u>	<u>Ö</u>	l≗́.		atrix			epo			ν.	2	
Phone: Cations (Ca, Mg, Na, K) ** * * ** ** **	13				⊢	1	×	×	×	×	×	×	×	×					rt Fo		Proj	P	ojec	
Phone: Cations (Ca, Mg, Na, K) ** * * ** ** **	E.	5 8	۵ ۵		—		t	\square		t					TPH: TX 1005 TX 100	6	1		rmat	PC	∍ct L	ojec	tNar	
Phone: 432-661 4184 Page 3 of 3 Phone: 432-661 4184 Phone: 448, 724 Phone: 448, 724 Phone: 448, 724 Phone: 448, 72	Adju			Lat San Voo											Cations (Ca, Mg, Na, K)	2.1					000	#	ne:	
Phone: 432-661 4184 Page 3 of 3 Phone: 432-661 4184 Phone: 448, 724 Phone: 448, 724 Phone: 448, 724 Phone: 448, 72	eive: stec	by S	tody	nple Ss Fi													50							
ard or or or star OF or star Image: Star Image: Star <td< td=""><td>t: d:</td><td>ampl</td><td>seal seal</td><td>Cont Cont</td><td></td><td></td><td></td><td> </td><td>·</td><td></td><td></td><td><u> </u></td><td>•</td><td> </td><td></td><td>la 6-</td><td><u> </u> <u>-</u> <u>-</u> <u>-</u></td><td>1.1</td><td>Stanc</td><td>л^а .</td><td></td><td></td><td>말</td></td<>	t: d:	ampl	seal seal	Cont Cont					·			<u> </u>	•			la 6-	<u> </u> <u>-</u> <u>-</u> <u>-</u>	1.1	Stanc	л ^а .			말	
ard or or or star OF or star Image: Star Image: Star <td< td=""><td>C PC</td><td></td><td>ntair Is on Is on</td><td>Com laine of He</td><td></td><td></td><td>╞</td><td></td><td></td><td>┝</td><td></td><td></td><td> </td><td></td><td>1</td><td>ig Se</td><td></td><td>Anal</td><td>dard</td><td></td><td></td><td></td><td>lone</td></td<>	C PC		ntair Is on Is on	Com laine of He			╞			┝					1	ig Se		Anal	dard				lone	
ard or or or star OF or star Image: Star Image: Star <td< td=""><td></td><td></td><td>cool</td><td>men rs In adsp</td><td></td><td></td><td>+</td><td>+</td><td>-</td><td>+</td><td></td><td></td><td>$\left \right$</td><td>-</td><td></td><td></td><td>┢┼┝</td><td>yze</td><td></td><td></td><td>.ea (</td><td>· .</td><td>Cott</td></td<>			cool	men rs In adsp			+	+	-	+			$\left \right $	-			┢┼┝	yze			.ea (· .	Cott	
ard or or or star OF or star Image: Star Image: Star <td< td=""><td>ိုင်</td><td>о С С С С С С С С С С С С С С С С С С С</td><td>) taine er(s)</td><td>lace</td><td></td><td></td><td>╞╌</td><td></td><td></td><td></td><td>+</td><td></td><td>1</td><td></td><td></td><td>3260</td><td></td><td>9</td><td></td><td></td><td>oun</td><td>20</td><td>on [</td></td<>	ိုင်	о С С С С С С С С С С С С С С С С С С С) taine er(s)	lace			╞╌				+		1			3260		9			oun	20	on [
$\begin{bmatrix} \hline c \\ c$	Fact		r(s)							T					RCI				TŖ		ţy, Ņ	16-0	ST-4	
x y <td>9</td> <td></td> <td>2P</td> <td></td> <td>ew N</td> <td>)57</td> <td>184 Sta</td>	9																		2P		ew N)57	184 Sta	
x y <td></td> <td>FedE</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td>· · ·</td> <td></td> <td></td> <td></td> <td>lexic</td> <td></td> <td></td>		FedE								1				1			· · ·				lexic			
			~~~-	177	-	-	1.5		<b>.</b>	<u> </u>	-	-	. *	$\left  \right $							ŏ		⊃age	
			zzzz	zzz			┝	+	1	-	+		: <u>.</u>	+		24, 48	72 hrs	Ч	IPDE			1.00	30	
Page 43 of 43		Star			-	+	×	×	×	×	×	×	×	×				<b>-</b>	S	1			and the second second	
	AC IN CONTRACT	-21529 (3-92)	199		2.		<u> </u>	<u>1</u>		<u>, 11 - 1</u>									-	•		Pa	age 43 of 43	

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



# Analytical Report

## **Prepared for:**

Curt Stanley TRC Solutions- Midland, Texas 2057 Commerce Street Midland, TX 79703

Project: Cotton Draw Station Project Number: SRS# 2016 057 Location: Lea County, New Mexico

Lab Order Number: 6E18003



NELAP/TCEQ # T104704156-13-3

Report Date: 06/02/16

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample-2A @ 5'	6E18003-01	Soil	05/17/16 13:00	05-18-2016 08:47
Sample-11 @ 2'	6E18003-02	Soil	05/17/16 13:05	05-18-2016 08:47
Sample-13A @ 1.5'	6E18003-03	Soil	05/17/16 13:10	05-18-2016 08:47
Sample-17A@1'	6E18003-04	Soil	05/17/16 13:15	05-18-2016 08:47
Sample-18 @ 1.5'	6E18003-05	Soil	05/17/16 13:20	05-18-2016 08:47
Sample-19 @ 1'	6E18003-06	Soil	05/17/16 13:25	05-18-2016 08:47
Sample-20 @ 6"	6E18003-07	Soil	05/17/16 13:30	05-18-2016 08:47
Sample-22A @ 3'	6E18003-08	Soil	05/17/16 13:35	05-18-2016 08:47
Sample-27A @ 3.5'	6E18003-09	Soil	05/17/16 13:40	05-18-2016 08:47
Sample-29 @ 3"	6E18003-10	Soil	05/17/16 13:45	05-18-2016 08:47
Sample-30 @ 3"	6E18003-11	Soil	05/17/16 13:50	05-18-2016 08:47
Sample-31 @ 1'	6E18003-12	Soil	05/17/16 13:55	05-18-2016 08:47
Sample-32 @ 1'	6E18003-13	Soil	05/17/16 14:00	05-18-2016 08:47

#### Sample-2A @ 5' 6E18003-01 (Soil)

01210003-01 (501)													
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes				
	Pern	nian Basin H	Environmei	ital Lab, l	L <b>.P.</b>								
Organics by GC													
Benzene	0.0183	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B					
Toluene	0.335	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B					
Ethylbenzene	0.0952	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B					
Xylene (p/m)	0.386	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B					
Xylene (0)	0.117	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B					
Surrogate: 4-Bromofluorobenzene		98.6 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B					
Surrogate: 1,4-Difluorobenzene		108 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B					
General Chemistry Parameters by EPA	A / Standard Method	s											
Chloride	14.7	1.02	mg/kg dry	1	P6E2313	05/23/16	05/23/16	EPA 300.0					
% Moisture	2.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation					
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M											
C6-C12	27.5	25.5	mg/kg dry	1	P6E2001	05/19/16	05/19/16	TPH 8015M					
>C12-C28	988	25.5	mg/kg dry	1	P6E2001	05/19/16	05/19/16	TPH 8015M					
>C28-C35	116	25.5	mg/kg dry	1	P6E2001	05/19/16	05/19/16	TPH 8015M					
Surrogate: 1-Chlorooctane		70.4 %	70-1	30	P6E2001	05/19/16	05/19/16	TPH 8015M					
Surrogate: o-Terphenyl		94.8 %	70-1	30	P6E2001	05/19/16	05/19/16	TPH 8015M					
Total Petroleum Hydrocarbon C6-C35	1130	25.5	mg/kg dry	1	[CALC]	05/19/16	05/19/16	calc					

#### Permian Basin Environmental Lab, L.P.

# Sample-11 @ 2'

#### 6E18003-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin F	Environme	ntal Lab, I	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	0.0134	0.00208	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	0.00717	0.00104	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.0436	0.00208	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	0.0209	0.00104	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		116 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		128 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	S-GC
General Chemistry Parameters by EPA	/ Standard Method	ls							
Chloride	6.25	1.04	mg/kg dry	1	P6E2313	05/23/16	05/23/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 80	)15M							
C6-C12	ND	26.0	mg/kg dry	1	P6E2001	05/19/16	05/19/16	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P6E2001	05/19/16	05/19/16	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P6E2001	05/19/16	05/19/16	TPH 8015M	
Surrogate: 1-Chlorooctane		80.4 %	70-1	30	P6E2001	05/19/16	05/19/16	TPH 8015M	
Surrogate: o-Terphenyl		89.5 %	70-1	30	P6E2001	05/19/16	05/19/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	05/19/16	05/19/16	calc	

### Sample-13A @ 1.5'

#### 6E18003-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin F	Environme	ntal Lab, I	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		119 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		133 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	S-GC
General Chemistry Parameters by EPA	Standard Method	ls							
Chloride	10.9	1.02	mg/kg dry	1	P6E2313	05/23/16	05/23/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 80	15M							
C6-C12	ND	25.5	mg/kg dry	1	P6E2001	05/19/16	05/19/16	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P6E2001	05/19/16	05/19/16	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P6E2001	05/19/16	05/19/16	TPH 8015M	
Surrogate: 1-Chlorooctane		71.9 %	70-1	30	P6E2001	05/19/16	05/19/16	TPH 8015M	
Surrogate: o-Terphenyl		82.6 %	70-1	30	P6E2001	05/19/16	05/19/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/19/16	05/19/16	calc	

Permian Basin Environmental Lab, L.P.

## Sample-17A @ 1'

#### 6E18003-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	Invironmer	ntal Lab, 1	L <b>.P.</b>				
Organics by GC									
Benzene	0.0514	0.0204	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Toluene	1.31	0.0408	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Ethylbenzene	0.677	0.0204	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Xylene (p/m)	2.92	0.0408	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Xylene (o)	0.982	0.0204	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		120 %	75-1	25	P6E2604	05/25/16	05/25/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.6 %	75-1	25	P6E2604	05/25/16	05/25/16	EPA 8021B	
General Chemistry Parameters by EP.	A / Standard Method	S							
Chloride	44.9	1.02	mg/kg dry	1	P6E2313	05/23/16	05/23/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M							
C6-C12	364	25.5	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C12-C28	3160	25.5	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C28-C35	326	25.5	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: 1-Chlorooctane		82.8 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: o-Terphenyl		90.7 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	3850	25.5	mg/kg dry	1	[CALC]	05/19/16	05/20/16	calc	

## Sample-18 @ 1.5'

#### 6E18003-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin F	Cnvironme	ntal Lab, I	L. <b>P.</b>				
Organics by GC									
Benzene	3.42	0.0526	mg/kg dry	50	P6E2604	05/25/16	05/26/16	EPA 8021B	
Toluene	23.5	0.105	mg/kg dry	50	P6E2604	05/25/16	05/26/16	EPA 8021B	
Ethylbenzene	11.0	0.0526	mg/kg dry	50	P6E2604	05/25/16	05/26/16	EPA 8021B	
Xylene (p/m)	35.6	0.105	mg/kg dry	50	P6E2604	05/25/16	05/26/16	EPA 8021B	
Xylene (o)	14.2	0.0526	mg/kg dry	50	P6E2604	05/25/16	05/26/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		83.5 %	75-1	25	P6E2604	05/25/16	05/26/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		78.7%	75-1	25	P6E2604	05/25/16	05/26/16	EPA 8021B	
General Chemistry Parameters by EP	A / Standard Method	S							
Chloride	43.3	1.05	mg/kg dry	1	P6E2313	05/23/16	05/23/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	<b>35 by EPA Method 80</b>	15M							
C6-C12	7400	263	mg/kg dry	10	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C12-C28	11300	263	mg/kg dry	10	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C28-C35	1410	263	mg/kg dry	10	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: 1-Chlorooctane		126 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: o-Terphenyl		80.8 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	20100	263	mg/kg dry	10	[CALC]	05/19/16	05/20/16	calc	

## Sample-19 @ 1'

#### 6E18003-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin F	Environmen	tal Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P6E2604	05/25/16	05/25/16	EPA 8021B	
Toluene	ND	0.00204	mg/kg dry	1	P6E2604	05/25/16	05/25/16	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P6E2604	05/25/16	05/25/16	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P6E2604	05/25/16	05/25/16	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P6E2604	05/25/16	05/25/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		122 %	75-12	25	P6E2604	05/25/16	05/25/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		123 %	75-12	25	P6E2604	05/25/16	05/25/16	EPA 8021B	
General Chemistry Parameters by EPA /	Standard Method	ls							
Chloride	16.0	1.02	mg/kg dry	1	P6E2313	05/23/16	05/23/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
<u>Total Petroleum Hydrocarbons C6-C35 h</u>	oy EPA Method 80	15M							
C6-C12	ND	25.5	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: 1-Chlorooctane		74.2 %	70-1.	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: o-Terphenyl		88.3 %	70-1.	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/19/16	05/20/16	calc	

## Sample-20 @ 6''

#### 6E18003-07 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin H	Environme	ntal Lab, I	L. <b>P.</b>				
Organics by GC									
Benzene	0.0215	0.0211	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Toluene	0.327	0.0421	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Ethylbenzene	0.259	0.0211	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Xylene (p/m)	1.36	0.0421	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Xylene (o)	0.357	0.0211	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.1 %	75-1	25	P6E2604	05/25/16	05/25/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	75-1	25	P6E2604	05/25/16	05/25/16	EPA 8021B	
General Chemistry Parameters by El	PA / Standard Method	5							
Chloride	62.3	1.05	mg/kg dry	1	P6E2314	05/23/16	05/23/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 801	15M							
C6-C12	316	26.3	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C12-C28	2320	26.3	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C28-C35	241	26.3	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: 1-Chlorooctane		92.5 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: o-Terphenyl		99.6 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	2880	26.3	mg/kg dry	1	[CALC]	05/19/16	05/20/16	calc	

Г

#### Project: Cotton Draw Station Project Number: SRS# 2016 057 Project Manager: Curt Stanley

## Sample-22A @ 3'

#### 6E18003-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin F	Cnvironmer	ıtal Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00103	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00206	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		117 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by EPA	/ Standard Method	ls							
Chloride	8.62	1.03	mg/kg dry	1	P6E2314	05/23/16	05/23/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 80	15M							
C6-C12	ND	25.8	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: 1-Chlorooctane		73.5 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: o-Terphenyl		83.9 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	05/19/16	05/20/16	calc	

# Sample-27A @ 3.5'

#### 6E18003-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin H	Environmen	ital Lab, I	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	0.00735	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	0.00380	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		110 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		121 %	75-1.	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
General Chemistry Parameters by E	CPA / Standard Method	s							
Chloride	6.09	1.02	mg/kg dry	1	P6E2314	05/23/16	05/23/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
<u>Total Petroleum Hydrocarbons C6-C</u>	C35 by EPA Method 80	15M							
C6-C12	ND	25.5	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C12-C28	86.5	25.5	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: 1-Chlorooctane		81.3 %	70-1.	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: o-Terphenyl		92.9 %	70-1.	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	86.5	25.5	mg/kg dry	1	[CALC]	05/19/16	05/20/16	calc	

## Sample-29 @ 3''

#### 6E18003-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin F	Invironmen	ital Lab, I	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.0202	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Toluene	0.273	0.0404	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Ethylbenzene	0.152	0.0202	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Xylene (p/m)	0.951	0.0404	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Xylene (o)	0.206	0.0202	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	75-1.	25	P6E2604	05/25/16	05/25/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		121 %	75-1.	25	P6E2604	05/25/16	05/25/16	EPA 8021B	
General Chemistry Parameters by EPA /	Standard Method	5							
Chloride	105	1.01	mg/kg dry	1	P6E2314	05/23/16	05/23/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 h	oy EPA Method 80	15M							
C6-C12	ND	25.3	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: 1-Chlorooctane		62.5 %	70-1.	30	P6E2001	05/19/16	05/20/16	TPH 8015M	S-GC
Surrogate: o-Terphenyl		72.4 %	70-1.	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/19/16	05/20/16	calc	

## Sample-30 @ 3''

#### 6E18003-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin F	Environme	ntal Lab, I	L <b>.P.</b>				
Organics by GC									
Benzene	0.130	0.0204	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Toluene	1.41	0.0408	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Ethylbenzene	1.14	0.0204	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Xylene (p/m)	8.88	0.0408	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Xylene (o)	2.86	0.0204	mg/kg dry	20	P6E2604	05/25/16	05/25/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		121 %	75-1	25	P6E2604	05/25/16	05/25/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		127 %	75-1	25	P6E2604	05/25/16	05/25/16	EPA 8021B	S-GC
General Chemistry Parameters by EP	A / Standard Method	S							
Chloride	146	1.02	mg/kg dry	1	P6E2314	05/23/16	05/23/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M							
C6-C12	2020	255	mg/kg dry	10	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C12-C28	14800	255	mg/kg dry	10	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C28-C35	1720	255	mg/kg dry	10	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: 1-Chlorooctane		95.3 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: o-Terphenyl		82.6 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	18500	255	mg/kg dry	10	[CALC]	05/19/16	05/20/16	calc	

# Sample-31 @ 1'

#### 6E18003-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin H	Environmei	ıtal Lab, I	L <b>.P.</b>				
Organics by GC									
Benzene	7.68	0.258	mg/kg dry	250	P6E2604	05/25/16	05/26/16	EPA 8021B	
Toluene	72.3	0.515	mg/kg dry	250	P6E2604	05/25/16	05/26/16	EPA 8021B	
Ethylbenzene	23.9	0.258	mg/kg dry	250	P6E2604	05/25/16	05/26/16	EPA 8021B	
Xylene (p/m)	138	0.515	mg/kg dry	250	P6E2604	05/25/16	05/26/16	EPA 8021B	
Xylene (o)	29.3	0.258	mg/kg dry	250	P6E2604	05/25/16	05/26/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		87.8 %	75-1	25	P6E2604	05/25/16	05/26/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		79.8 %	75-1	25	P6E2604	05/25/16	05/26/16	EPA 8021B	
General Chemistry Parameters by EP	A / Standard Methods	5							
Chloride	49.6	1.03	mg/kg dry	1	P6E2314	05/23/16	05/23/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 801	5M							
C6-C12	4940	129	mg/kg dry	5	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C12-C28	7880	129	mg/kg dry	5	P6E2001	05/19/16	05/20/16	TPH 8015M	
>C28-C35	1030	129	mg/kg dry	5	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: 1-Chlorooctane		111 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Surrogate: o-Terphenyl		71.5 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	13800	129	mg/kg dry	5	[CALC]	05/19/16	05/20/16	calc	

# Sample-32 @ 1'

#### 6E18003-13 (Soil)

Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Per	mian Basin H	Environme	ıtal Lab, I	L <b>.P.</b>				
ND	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
ND	0.00202	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
ND	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
ND	0.00202	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
ND	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
	118 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
	109 %	75-1	25	P6E2307	05/18/16	05/19/16	EPA 8021B	
dard Metho	ds							
12.4	1.01	mg/kg dry	1	P6E2314	05/23/16	05/23/16	EPA 300.0	
1.0	0.1	%	1	P6E2002	05/20/16	05/20/16	% calculation	
A Method 8	015M							
ND	25.3	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
ND	25.3	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
ND	25.3	mg/kg dry	1	P6E2001	05/19/16	05/20/16	TPH 8015M	
	-			DIFFERENCE	05/10/16	05/00/11		
	76.8 %	70-1	30	P6E2001	05/19/16	05/20/16	TPH 8015M	
	76.8 % 90.9 %	70-1 70-1		P6E2001 P6E2001	05/19/16 05/19/16	05/20/16 05/20/16	ТРН 8015М ТРН 8015М	
	dard Methor 12.4 1.0 A Method 80 ND ND	ND         0.00101           118 %         109 %           dard Methods         109 %           12.4         1.01           1.0         0.1           A Method 8015M         ND           ND         25.3           ND         25.3	ND         0.00101         mg/kg dry           118 %         75-1           109 %         75-1           109 %         75-1           109 %         75-1           101 mg/kg dry         0.1           1.0         0.1           Method 8015M         %           ND         25.3         mg/kg dry           ND         25.3         mg/kg dry           ND         25.3         mg/kg dry	ND         0.00101         mg/kg dry         1           118 %         75-125         109 %         75-125           109 %         75-125         109 %         1           dard Methods         1         1         1           12.4         1.01         mg/kg dry         1           1.0         0.1         %         1           A Method 8015M         1         1           ND         25.3         mg/kg dry         1           ND         25.3         mg/kg dry         1           ND         25.3         mg/kg dry         1	ND         0.00101         mg/kg dry         1         P6E2307           118 %         75-125         P6E2307           109 %         75-125         P6E2307           dard Methods          P6E2307           12.4         1.01         mg/kg dry         1         P6E2314           1.0         0.1         %         1         P6E2002           A Method 8015M             P6E2001           ND         25.3         mg/kg dry         1         P6E2001	ND         0.00101         mg/kg dry         1         P6E2307         05/18/16           118 %         75-125         P6E2307         05/18/16           109 %         75-125         P6E2307         05/18/16           dard Methods               12.4         1.01         mg/kg dry         1         P6E2012         05/23/16           1.0         0.1         %         1         P6E2002         05/20/16           A Method 8015M           ND         25.3         mg/kg dry         1         P6E2001         05/19/16           ND         25.3         mg/kg dry         1         P6E2001         05/19/16           ND         25.3         mg/kg dry         1         P6E2001         05/19/16           ND         25.3         mg/kg dry         1         P6E2001         05/19/16	ND         0.00101         mg/kg dry         1         P6E2307         05/18/16         05/19/16           118 %         75-125         P6E2307         05/18/16         05/19/16           109 %         75-125         P6E2307         05/18/16         05/19/16           dard Methods           05/18/16         05/19/16           12.4         1.01         mg/kg dry         1         P6E2002         05/20/16         05/20/16           1.0         0.1         %         1         P6E2002         05/20/16         05/20/16           A Method 8015M           ND         25.3         mg/kg dry         1         P6E2001         05/19/16         05/20/16           ND         25.3         mg/kg dry         1         P6E2001         05/19/16         05/20/16	ND         0.00101         mg/kg dry         1         P6E2307         05/18/16         05/19/16         EPA 8021B           118 %         75-125         P6E2307         05/18/16         05/19/16         EPA 8021B           109 %         75-125         P6E2307         05/18/16         05/19/16         EPA 8021B           dard Methods           12.4         1.01         mg/kg dry         1         P6E2002         05/20/16         05/20/16         EPA 300.0           1.0         0.1         %         1         P6E2002         05/20/16         05/20/16         % calculation           A Method 8015M         ND         25.3         mg/kg dry         1         P6E2001         05/19/16         05/20/16         TPH 8015M           ND         25.3         mg/kg dry         1         P6E2001         05/19/16         05/20/16         TPH 8015M

#### **Organics by GC - 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 P6E2307 - General Preparation (GC)	)									
Blank (P6E2307-BLK1)				Prepared: (	05/18/16 A	nalyzed: 05	5/19/16			
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0578		"	0.0500		116	75-125			
Surrogate: 4-Bromofluorobenzene	0.0660		"	0.0500		132	75-125			S-GC
LCS (P6E2307-BS1)				Prepared: (	05/18/16 A	nalyzed: 05	5/19/16			
Benzene	0.0948	0.00100	mg/kg wet	0.100		94.8	70-130			
Toluene	0.0957	0.00200	"	0.100		95.7	70-130			
Ethylbenzene	0.109	0.00100	"	0.100		109	70-130			
Xylene (p/m)	0.202	0.00200	"	0.200		101	70-130			
Xylene (o)	0.101	0.00100	"	0.100		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.0629		"	0.0500		126	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.0595		"	0.0500		119	75-125			
LCS Dup (P6E2307-BSD1)				Prepared: (	05/18/16 A	nalyzed: 05	5/19/16			
Benzene	0.0905	0.00100	mg/kg wet	0.100		90.5	70-130	4.65	20	
Toluene	0.0940	0.00200	"	0.100		94.0	70-130	1.88	20	
Ethylbenzene	0.106	0.00100	"	0.100		106	70-130	2.99	20	
Xylene (p/m)	0.198	0.00200	"	0.200		98.8	70-130	2.37	20	
Xylene (o)	0.0985	0.00100	"	0.100		98.5	70-130	2.95	20	
Surrogate: 1,4-Difluorobenzene	0.0605		"	0.0500		121	75-125			
Surrogate: 4-Bromofluorobenzene	0.0650		"	0.0500		130	75-125			S-GC
Batch P6E2604 - General Preparation (GC)	)									
				Prepared &	Analyzed:	05/25/16				
Benzene	ND	0.00100	mg/kg wet	-	-					
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0620		"	0.0500		124	75-125			
Surrogate: 4-Bromofluorobenzene	0.0653		"	0.0500		131	75-125			S-GC

#### **Organics by GC - Quality Control**

#### Permian Basin Environmental Lab, L.P.

	D L	Reporting	TT :	Spike	Source	MARC	%REC	DDD	RPD	<b>N</b> T (
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6E2604 - General Preparation (GC)										
LCS (P6E2604-BS1)				Prepared &	Analyzed:	05/25/16				
Benzene	0.0972	0.00100	mg/kg wet	0.100		97.2	70-130			
Toluene	0.0994	0.00200		0.100		99.4	70-130			
Ethylbenzene	0.102	0.00100		0.100		102	70-130			
Xylene (p/m)	0.192	0.00200	"	0.200		95.9	70-130			
Xylene (o)	0.0986	0.00100	"	0.100		98.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0569		"	0.0500		114	75-125			
Surrogate: 1,4-Difluorobenzene	0.0628		"	0.0500		126	75-125			S-GO
LCS Dup (P6E2604-BSD1)				Prepared &	Analyzed:	05/25/16				
Benzene	0.0958	0.00100	mg/kg wet	0.100		95.8	70-130	1.43	20	
Toluene	0.102	0.00200		0.100		102	70-130	2.15	20	
Ethylbenzene	0.107	0.00100		0.100		107	70-130	4.79	20	
Xylene (p/m)	0.205	0.00200	"	0.200		102	70-130	6.60	20	
Xylene (o)	0.105	0.00100		0.100		105	70-130	5.92	20	
Surrogate: 1,4-Difluorobenzene	0.0628		"	0.0500		126	75-125			S-G
Surrogate: 4-Bromofluorobenzene	0.0609		"	0.0500		122	75-125			
Matrix Spike (P6E2604-MS1)	Sou	rce: 6E19002	-01	Prepared &	Analyzed:	05/25/16				
Benzene	0.101	0.00101	mg/kg dry	0.101	ND	100	80-120			
Toluene	0.101	0.00202	"	0.101	ND	99.9	80-120			
Ethylbenzene	0.0921	0.00101		0.101	ND	91.2	80-120			
Xylene (p/m)	0.198	0.00202		0.202	ND	98.2	80-120			
Xylene (o)	0.103	0.00101		0.101	ND	102	80-120			
Surrogate: 4-Bromofluorobenzene	0.0562		"	0.0505		111	75-125			
Surrogate: 1,4-Difluorobenzene	0.0621		"	0.0505		123	75-125			
Matrix Spike Dup (P6E2604-MSD1)	Sou	rce: 6E19002	-01	Prepared &	Analyzed:	05/25/16				
Benzene	0.0875	0.00101	mg/kg dry	0.101	ND	86.6	80-120	14.4	20	
Toluene	0.0979	0.00202		0.101	ND	96.9	80-120	3.00	20	
Ethylbenzene	0.118	0.00101		0.101	ND	117	80-120	24.6	20	QM-0
Xylene (p/m)	0.253	0.00202		0.202	ND	125	80-120	24.1	20	QM-0
Xylene (o)	0.110	0.00101		0.101	ND	109	80-120	6.53	20	
Surrogate: 4-Bromofluorobenzene	0.0622		"	0.0505		123	75-125			
Surrogate: 1,4-Difluorobenzene	0.0656		"	0.0505		130	75-125			S-G

#### 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 P6E2002 - *** DEFAULT PREP ***										
Blank (P6E2002-BLK1)				Prepared &	Analyzed:	05/20/16				
% Moisture	ND	0.1	%							
Duplicate (P6E2002-DUP1)	Sour	-ce: 6E17002-	07	Prepared &	Analyzed:	05/20/16				
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P6E2002-DUP2)	Sour	·ce: 6E18003-	04	Prepared &	analyzed:	05/20/16				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P6E2002-DUP3)	Sour	·ce: 6E18003-	13	Prepared &	analyzed:	05/20/16				
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P6E2002-DUP4)	Sour	-ce: 6E19002-	02	Prepared &	Analyzed:	05/20/16				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Batch P6E2313 - *** DEFAULT PREP ***										
Blank (P6E2313-BLK1)				Prepared &	Analyzed:	05/23/16				
Chloride	ND	1.00	mg/kg wet							
LCS (P6E2313-BS1)				Prepared &	Analyzed:	05/23/16				
Chloride	176	1.00	mg/kg wet	200	•	87.9	80-120			
LCS Dup (P6E2313-BSD1)				Prepared &	Analyzed:	05/23/16				
Chloride	179	1.00	mg/kg wet	200		89.4	80-120	1.75	20	
Duplicate (P6E2313-DUP2)	Sour	-ce: 6E17007-	01	Prepared &	analyzed:	05/23/16				
Chloride	743	5.88	mg/kg dry		740			0.397	20	

#### General Chemistry Parameters by EPA / Standard Methods - Quality Control

#### Permian Basin Environmental Lab, L.P.

RPD D Limit	Notes
) Limit	Notes
) 20	
4 20	
4 20	
	-
1	20

#### 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 P6E2001 - TX 1005										
Matrix Spike (P6E2001-MS1)	Sour	ce: 6E18003	6-01	Prepared:	05/19/16 A	nalyzed: 05	5/20/16			
C6-C12	738	25.5	mg/kg dry	1020	27.5	69.7	75-125			QM-05
>C12-C28	1300	25.5	"	1020	988	30.4	75-125			QM-05
Surrogate: 1-Chlorooctane	78.7		"	102		77.1	70-130			
Surrogate: o-Terphenyl	37.3		"	51.0		73.1	70-130			
Matrix Spike Dup (P6E2001-MSD1)	Sour	ce: 6E18003	3-01	Prepared:	05/19/16 A	nalyzed: 05	5/20/16			
C6-C12	779	25.5	mg/kg dry	1020	27.5	73.6	75-125	5.57	20	QM-05
>C12-C28	1350	25.5	"	1020	988	35.6	75-125	15.6	20	QM-05
Surrogate: 1-Chlorooctane	87.5		"	102		85.8	70-130			
Surrogate: o-Terphenyl	38.4		"	51.0		75.2	70-130			

#### **Notes and Definitions**

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
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: 6/2/2016

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.



	Relinquished by: Date T	Late	Jen 5-18-16 8	structions:						NU Sample-32 @ 1'	V// Sample-31 @ 1'	Sample-30 @ 3"	LAB # (lab use only) 패턴 당 영 머 Beginning Depth		(lab use only)	Sampler Signature:	Telephone No: (432)52077/20	City/State/Zip: Midland/TX/79703	Company Address: 2057 Commerce Dr.	Company Name TRC Environmental Corporation	Permian Basi 10014 S. Con Project Manager: Curt Stanley
	lime	Ime	ine ine					_	•	· · · ·			Ending Depth		i e st						STOD
1 and 1	Received by PBE	Received by:	Received by:							5/17/2016	5/17/2016	5/17/2016	Date Sampled		C						Y RECORD AN
										1400	1355	1350	Time Sampled			e-mail:	Fax No:				D ANALYSIS
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1					·	·	•:					Field Filtered Total #. of Containers	-		8					; REQUEST Permian Basin E 10014 S. Count Midland, Texas
a Tealline	1.							-		×	×	×	lce	$\mathbf{T}$		cdstanley@trcs					QUE ian E 4 S. ind,
08 482010					┢──								HNO ₃	Pres							<b>ΞST</b> Basin Environmenta County Road 1213 Texas 79706
1					-	14							HCI	Preservation	a			<b>.</b>			n En as
- 52 Cafe													H ₂ SO ₄	ion &		Ĩ				Ì	nvironn / Road 79706
1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -									****			1	NaOH	# of	Jac	S S				1.1	nme 1d 1
			·		-							·	Na ₂ S ₂ O ₃	- Con		휘드		100	· · · ·	1.1	213
			1.1	1.																	
	3												None	lainer	i c						
AWARK	៓៸៓													lainers		ons.co					al Lab, L
5	Date 5-18-16									Soil	Soil	Soil	None	lainers Matrix		solutions.com	Report				ו Lab, LP
5	1949 (C. 1955) 1949 (C. 1955)									Soil	Soil X	Soil X	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other			ons.com	Report For		Proje	Pro	
and the second second second	Time 8:47											<u>.</u>	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other	Matrix 015B		ons.com	Report Format	PC	Project L	Projec	
and the second second second	Time 8:47											<u>.</u>	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other TPH: 418.1 80.15M 80	Matrix 015B		ons.com	Report Format:	PO #:	Project Loc:	Project #:	I Lab, LP Project Name:
and the second second second	Time 8:47											<u>.</u>	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other TPH: 418.1 (80.15M) 80 TPH: TX 1005 TX 1006	Matrix 015B		ons.com		PO #	Project Loc:	Project #:	
and the second second second	Time 8:47											<u>.</u>	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other TPH: 418.1 8015M 80 TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K)	Matrix 015B		ons.com		PO #:	Project Loc:	Project #:	Project Name:
and the second second second	Time 8:47											<u>.</u>	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other TPH: 418.1 80.15M 80 TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity)	Matrix 015B	TCLP: TOTAL:			PO #	Project Loc:	Project #:	Project Name:
and the second second second	Time 8:47											<u>.</u>	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other TPH: 418.1 80.15M 80 TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity) SAR / ESP / CEC	Matrix 015B	TCLP: TOTAL:		Report Format: X Standard	PO #		Project #:	Project Name:
	Time Temperature Upon Rec $\mathcal{O}$ $\mathcal{O}$ Received: $\mathcal{I}_{\mathcal{O}}$ Adjusted: $\mathcal{I}_{\mathcal{O}}$											<u>.</u>	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other TPH: 418.1 80.15M 80 TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity) SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Volatiles Semivolatiles	Matrix 0015B 3	TCLP: TOTAL:		X Standard	PO #			Project Name:
	Time Temperature Upon Rec $\mathcal{O}$ $\mathcal{O}$ Received: $\mathcal{I}_{\mathcal{O}}$ Adjusted: $\mathcal{I}_{\mathcal{O}}$	by Sampler/Client Rep. ?										<u>.</u>	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other TPH: 418.1 8015M 80 TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity) SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Volatiles Semivolatiles BTEX 8021B/5030 or BTEX 82	Matrix 0015B 3			X Standard	PO #			Project Name:
	Time Temperature Upon Rec $\mathcal{O}$ $\mathcal{O}$ Received: $\mathcal{I}_{\mathcal{O}}$ Adjusted: $\mathcal{I}_{\mathcal{O}}$											×	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other TPH: 418.1 80.15M 80 TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity) SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Volatiles Semivolatiles BTEX 8021B/5030 or BTEX 82 RCI	Matrix 0015B 3	TCLP: TOTAL:		X Standard				Project Name:
	Time Temperature Upon Rec $\mathcal{O}$ $\mathcal{O}$ Received: $\mathcal{I}_{\mathcal{O}}$ Adjusted: $\mathcal{I}_{\mathcal{O}}$	by Sample raing Delivered by Sampler/Client Rep. ? by Courier? UPS_DHL										×	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other TPH: 418.1 80.15M 80 TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity) SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Volatilles Semivolatilles BTEX 8021B/5030 or BTEX 82 RCI N.O.R.M.	Matrix 0015B 3	TCLP: TOTAL:			PO #		Project #: 2016-057	Project Name:
	Time Temperature Upon Rec $\mathcal{O}$ $\mathcal{O}$ Received: $\mathcal{I}_{\mathcal{O}}$ Adjusted: $\mathcal{I}_{\mathcal{O}}$	by Sample raing Delivered by Sampler/Client Rep. ? by Courier? UPS_DHL										×	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other TPH: 418.1 80.15M 800 TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity) SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Volatiles Semivolatiles BTEX 8021B/5030 or BTEX 82 RCI N.O.R.M. Chlorides E 300	Matrix 0015B 3	TCLP: TOTAL:		Standard TRRP	PO #			Phone: 432-661-4184 Project Name: Cotton Draw Static
	Time Temperature Upon Rec $\mathcal{O}$ $\mathcal{O}$ Received: $\mathcal{I}_{\mathcal{O}}$ Adjusted: $\mathcal{I}_{\mathcal{O}}$	by Sampler Hariu Deinvereu by Sampler/Client Rep. ? by Courie? UPS DHL FedEx										×	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other TPH: 418.1 (80.15M) 80 TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity) SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Volatiles Semivolatiles BTEX 8021B/5030 or BTEX 82 RCI N.O.R.M. Chlorides E 300 Paint Filter	Matrix 0015B 3	TCLP: TOTAL:		Standard TRRP		Project Loc: Lea County, New Mexico		Phone: 432-661-4184 Project Name: Cotton Draw Static
	Time 8:47	by Sampler Hariu Deinvereu by Sampler/Client Rep. ? by Courie? UPS DHL FedEx	Custody seals on container(s) Custody seals on container(s) Custody seals on cooler(s)	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?								×	None         Other ( Specify)         DW=Drinking Water SL=Sludge         GW = Groundwater S=Soil/Solid         NP=Non-Potable       Specify-Other         TPH:       418.1       80.15M       80         TPH:       TX 1005       TX 1006       Cations (Ca, Mg, Na, K)         Anions (Cl, SO4, Alkalinity)       SAR / ESP / CEC       Metals: As Ag Ba Cd Cr Pb Hg         Volatiles       Semivolatiles       BTEX 8021B/5030 or BTEX 82         RCI       N.O.R.M.       Chlorides E 300         Paint Filter       TCLP Benzene	y Se			Standard TRRP	PO #			Phone: 432-661-4184 Project Name: Cotton Draw Static
	Time Temperature Upon Rec $\mathcal{O}$ $\mathcal{O}$ Received: $\mathcal{I}_{\mathcal{O}}$ Adjusted: $\mathcal{I}_{\mathcal{O}}$	by Sampler Hariu Deinvereu by Sampler/Client Rep. ? by Courie? UPS DHL FedEx Lor		Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?								×	None Other ( Specify) DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify-Other TPH: 418.1 (80.15M) 80 TPH: TX 1005 TX 1006 Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity) SAR / ESP / CEC Metals: As Ag Ba Cd Cr Pb Hg Volatiles Semivolatiles BTEX 8021B/5030 or BTEX 82 RCI N.O.R.M. Chlorides E 300 Paint Filter	y Se			X Standard			2016-057	Project Name:

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



# Analytical Report

## **Prepared for:**

Curt Stanley TRC Solutions- Midland, Texas 2057 Commerce Street Midland, TX 79703

Project: Cotton Draw Station Project Number: 2016-057 Location: Lea Couny, New Mexico

Lab Order Number: 6F07004



NELAP/TCEQ # T104704156-13-3

Report Date: 06/15/16

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample-21A @ 1.5'	6F07004-01	Soil	06/06/16 14:31	06-07-2016 12:10
Sample-7A @ 1'	6F07004-02	Soil	06/06/16 14:54	06-07-2016 12:10
Sample-18A @ 2'	6F07004-03	Soil	06/06/16 14:22	06-07-2016 12:10
Sample-30A @ 1'	6F07004-04	Soil	06/06/16 14:12	06-07-2016 12:10
Sample-31A @ 1.5'	6F07004-05	Soil	06/06/16 14:46	06-07-2016 12:10

#### Sample-21A @ 1.5' 6F07004-01 (Soil)

		01.07	004-01 (30)	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin I	Environmer	ital Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.0510	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Toluene	1.51	0.102	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Ethylbenzene	1.14	0.0510	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Xylene (p/m)	10.1	0.102	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Xylene (0)	2.33	0.0510	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		76.9 %	75-1	25	P6F1503	06/13/16	06/13/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	75-1	25	P6F1503	06/13/16	06/13/16	EPA 8021B	
General Chemistry Parameters by EPA	/ Standard Method	S							
Chloride	33.4	1.02	mg/kg dry	1	P6F0803	06/08/16	06/10/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6F0901	06/09/16	06/09/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	by EPA Method 80	15M							
C6-C12	772	25.5	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
>C12-C28	3790	25.5	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
>C28-C35	366	25.5	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
Surrogate: 1-Chlorooctane		52.2 %	70-1	30	P6F1005	06/08/16	06/08/16	TPH 8015M	
Surrogate: o-Terphenyl		47.4 %	70-1	30	P6F1005	06/08/16	06/08/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	4930	25.5	mg/kg dry	1	[CALC]	06/08/16	06/08/16	calc	

# Sample-7A @ 1'

#### 6F07004-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin F	Environme	ntal Lab, I	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.0515	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Toluene	ND	0.103	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Ethylbenzene	ND	0.0515	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Xylene (p/m)	ND	0.103	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Xylene (o)	1.21	0.0515	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	75-1	25	P6F1503	06/13/16	06/13/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	75-1	25	P6F1503	06/13/16	06/13/16	EPA 8021B	
General Chemistry Parameters by El	PA / Standard Methods	s							
Chloride	27.5	1.03	mg/kg dry	1	P6F0803	06/08/16	06/10/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F0901	06/09/16	06/09/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 801	5M							
C6-C12	ND	25.8	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
>C12-C28	53.9	25.8	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
Surrogate: 1-Chlorooctane		45.6 %	70-1	30	P6F1005	06/08/16	06/08/16	TPH 8015M	
Surrogate: o-Terphenyl		44.6 %	70-1	30	P6F1005	06/08/16	06/08/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	53.9	25.8	mg/kg dry	1	[CALC]	06/08/16	06/08/16	calc	

Permian Basin Environmental Lab, L.P.

# Sample-18A @ 2'

#### 6F07004-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	Environmer	ıtal Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.0510	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Toluene	ND	0.102	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Ethylbenzene	ND	0.0510	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Xylene (p/m)	ND	0.102	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Xylene (o)	ND	0.0510	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	75-1	25	P6F1503	06/13/16	06/13/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		114 %	75-1	25	P6F1503	06/13/16	06/13/16	EPA 8021B	
General Chemistry Parameters by EPA	Standard Method	ls							
Chloride	39.9	1.02	mg/kg dry	1	P6F0803	06/08/16	06/10/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6F0901	06/09/16	06/09/16	% calculation	
Total Petroleum Hydrocarbons C6-C35	oy EPA Method 80	15M							
C6-C12	ND	25.5	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
Surrogate: 1-Chlorooctane		45.0 %	70-1	30	P6F1005	06/08/16	06/08/16	TPH 8015M	
Surrogate: o-Terphenyl		45.4 %	70-1	30	P6F1005	06/08/16	06/08/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	06/08/16	06/08/16	calc	

Г

#### Project: Cotton Draw Station Project Number: 2016-057 Project Manager: Curt Stanley

# Sample-30A @ 1'

#### 6F07004-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	1ian Basin E	nvironmen	ıtal Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.0510	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Toluene	ND	0.102	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Ethylbenzene	ND	0.0510	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Xylene (p/m)	ND	0.102	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Xylene (o)	ND	0.0510	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		114 %	75-1	25	P6F1503	06/13/16	06/13/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		111 %	75-1	25	P6F1503	06/13/16	06/13/16	EPA 8021B	
General Chemistry Parameters by El	PA / Standard Method	<u>s</u>							
Chloride	29.1	1.02	mg/kg dry	1	P6F0803	06/08/16	06/10/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6F0901	06/09/16	06/09/16	% calculation	
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	15M							
C6-C12	ND	25.5	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
>C12-C28	41.9	25.5	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
Surrogate: 1-Chlorooctane		45.6 %	70-1	30	P6F1005	06/08/16	06/08/16	TPH 8015M	
Surrogate: o-Terphenyl		45.4 %	70-1	30	P6F1005	06/08/16	06/08/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	41.9	25.5	mg/kg dry	1	[CALC]	06/08/16	06/08/16	calc	

Permian Basin Environmental Lab, L.P.

# Sample-31A @ 1.5'

#### 6F07004-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	Environme	ntal Lab, I	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.0515	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Toluene	ND	0.103	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Ethylbenzene	ND	0.0515	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Xylene (p/m)	ND	0.103	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Xylene (o)	ND	0.0515	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		110 %	75-1	25	P6F1503	06/13/16	06/13/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	75-1	25	P6F1503	06/13/16	06/13/16	EPA 8021B	
General Chemistry Parameters by EPA /	Standard Method	ls							
Chloride	9.87	1.03	mg/kg dry	1	P6F0803	06/08/16	06/10/16	EPA 300.0	
% Moisture	3.0	0.1	%	1	P6F0901	06/09/16	06/09/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 h	oy EPA Method 80	15M							
C6-C12	ND	25.8	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P6F1005	06/08/16	06/08/16	TPH 8015M	
Surrogate: 1-Chlorooctane		44.8 %	70-1	30	P6F1005	06/08/16	06/08/16	TPH 8015M	
Surrogate: o-Terphenyl		44.6 %	70-1	30	P6F1005	06/08/16	06/08/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	06/08/16	06/08/16	calc	

Permian Basin Environmental Lab, L.P.
#### Project: Cotton Draw Station Project Number: 2016-057 Project Manager: Curt Stanley

#### **Organics by GC - Quality Control**

Permian Basin Environmental Lab, L.P.

Amelanda	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC	RPD	RPD Limit	Natar
Analyte	Kesuit	Limit	Units	Level	Kesuit	70KEC	Limits	RPD	Limit	Notes
Batch P6F1503 - General Preparation (GC)										
Blank (P6F1503-BLK1)				Prepared &	Analyzed:	06/13/16				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200								
Ethylbenzene	ND	0.00100								
Xylene (p/m)	ND	0.00200								
Xylene (o)	ND	0.00100								
Surrogate: 1,4-Difluorobenzene	0.0667		"	0.0500		133	75-125			
Surrogate: 4-Bromofluorobenzene	0.0576		"	0.0500		115	75-125			
LCS (P6F1503-BS1)				Prepared &	Analyzed:	06/13/16				
Benzene	0.107	0.00100	mg/kg wet	0.100	-	107	70-130			
Toluene	0.111	0.00200		0.100		111	70-130			
Ethylbenzene	0.115	0.00100	"	0.100		115	70-130			
Xylene (p/m)	0.190	0.00200	"	0.200		95.1	70-130			
Xylene (o)	0.117	0.00100		0.100		117	70-130			
Surrogate: 4-Bromofluorobenzene	0.0607		"	0.0500		121	75-125			
Surrogate: 1,4-Difluorobenzene	0.0627		"	0.0500		125	75-125			
LCS Dup (P6F1503-BSD1)				Prepared &	Analyzed:	06/13/16				
Benzene	0.105	0.00100	mg/kg wet	0.100		105	70-130	2.14	20	
Toluene	0.112	0.00200		0.100		112	70-130	1.66	20	
Ethylbenzene	0.111	0.00100		0.100		111	70-130	3.81	20	
Xylene (p/m)	0.194	0.00200		0.200		97.2	70-130	2.13	20	
Xylene (o)	0.117	0.00100		0.100		117	70-130	0.803	20	
Surrogate: 4-Bromofluorobenzene	0.0640		"	0.0500		128	75-125			
Surrogate: 1,4-Difluorobenzene	0.0636		"	0.0500		127	75-125			
Duplicate (P6F1503-DUP1)	Sou	ırce: 6F06003	-22	Prepared &	Analyzed:	06/13/16				
Benzene	0.00223	0.00133	mg/kg dry		0.00195			13.4	20	
Toluene	0.101	0.00267	"		0.103			1.18	20	
Ethylbenzene	ND	0.00133			ND				20	
Xylene (p/m)	0.630	0.00267			0.625			0.663	20	
Xylene (o)	0.114	0.00133			0.197			53.3	20	
Surrogate: 4-Bromofluorobenzene	0.0545		"	0.0333		163	75-125			
Surrogate: 1,4-Difluorobenzene	0.0538		"	0.0333		161	75-125			

#### General Chemistry Parameters by EPA / Standard Methods - Quality Control

#### Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6F0803 - *** DEFAULT PREP ***										
Blank (P6F0803-BLK1)				Prepared &	& Analyzed:	06/08/16				
Chloride	ND	1.00	mg/kg wet							
LCS (P6F0803-BS1)				Prepared &	& Analyzed:	06/08/16				
Chloride	183	1.00	mg/kg wet	200		91.7	80-120			
LCS Dup (P6F0803-BSD1)				Prepared &	& Analyzed:	06/08/16				
Chloride	185	1.00	mg/kg wet	200	÷	92.4	80-120	0.793	20	
Duplicate (P6F0803-DUP1)	Sour	·ce: 6F08001	-02	Prepared &	& Analyzed:	06/08/16				
Chloride	2290	11.2	mg/kg dry		2240			2.25	20	
Duplicate (P6F0803-DUP2)	Sour	-ce: 6E27002	-01	Prepared: (	06/08/16 A	nalyzed: 06	/10/16			
Chloride	5120	26.3	mg/kg dry		5180			1.33	20	
Batch P6F0901 - *** DEFAULT PREP ***										
Blank (P6F0901-BLK1)				Prepared &	& Analyzed:	06/09/16				
% Moisture	ND	0.1	%							
Duplicate (P6F0901-DUP1)	Sour	·ce: 6F06004	-21	Prepared &	& Analyzed:	06/09/16				
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P6F0901-DUP2)	Sour	ce: 6F07004	-01	Prepared &	& Analyzed:	06/09/16				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P6F0901-DUP3)	Sour	·ce: 6F07005	-01	Prepared &	& Analyzed:	06/09/16				
% Moisture	6.0	0.1	%		7.0			15.4	20	

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

#### Permian Basin Environmental Lab, L.P.

Amelyte	<b>D</b> coult	Reporting Limit	Linita	Spike	Source	0/DEC	%REC	רות מ	RPD Limit	Noter
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6F1005 - TX 1005										
Blank (P6F1005-BLK1)				Prepared &	Analyzed:	06/08/16				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	72.9		"	200		36.5	70-130			
Surrogate: o-Terphenyl	36.8		"	100		36.8	70-130			
LCS (P6F1005-BS1)				Prepared &	Analyzed:	06/08/16				
C6-C12	939	25.0	mg/kg wet				75-125			
>C12-C28	923	25.0	"				75-125			
Surrogate: 1-Chlorooctane	97.2		"	200		48.6	70-130			
Surrogate: o-Terphenyl	38.6		"	100		38.6	70-130			
LCS Dup (P6F1005-BSD1)				Prepared &	z Analyzed:	06/08/16				
C6-C12	788	25.0	mg/kg wet				75-125		20	
>C12-C28	1020	25.0	"				75-125		20	
Surrogate: 1-Chlorooctane	107		"	200		53.7	70-130			
Surrogate: o-Terphenyl	39.8		"	100		39.8	70-130			
Matrix Spike (P6F1005-MS1)	Sour	ce: 6F07004	-04	Prepared: (	06/08/16 A	nalyzed: 06	/09/16			
C6-C12	829	25.5	mg/kg dry		16.3		75-125			
>C12-C28	1190	25.5	"		41.9		75-125			
Surrogate: 1-Chlorooctane	116		"	204		56.9	70-130			
Surrogate: o-Terphenyl	42.0		"	102		41.2	70-130			
Matrix Spike Dup (P6F1005-MSD1)	Sour	ce: 6F07004	-04	Prepared: (	06/08/16 A	nalyzed: 06	/09/16			
C6-C12	875	25.5	mg/kg dry		16.3		75-125		20	
>C12-C28	1110	25.5	"		41.9		75-125		20	
Surrogate: 1-Chlorooctane	117		"	204		57.2	70-130			
Surrogate: o-Terphenyl	43.7		"	102		42.8	70-130			

#### **Notes and Definitions**

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:

Bun Barron

Date: 6/15/2016

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.

Relino	Relind	Relind	Special			1959 1959			Ŕ	de de	2	0	6	LAB # (lab use only)	ORC	(lab use only					÷	
Relinquished by:	Relinquished by	Relinquished by							~1	X	C	$\sim$			ORDER #:	ise on	6		0	0	0	
d by:	d by:	H D	Instructions: Soil samples may contain surfactants												Ê	, S	Sampler Signature;	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:
		M							÷.,						4	2	oler	hon	òtate	bany	bany	ct M
		W	s: ples						S				S		_\	J	Sign	e Z	ν/Ζip	Ado	Na	ana
			may						Sample-31A @ 1.5	Sample-30A @	Sample-18A @ 2'	Sample-7A @ 1'	Sample-21A @		<b>N</b>	1	atur	9		dres	me	ger:
a a			1 00						le-3	ple	ple-	nple	le-2	FIELD CODE		5			12			
			ntair						Å1A	30A	18A	-7A	A	8	$\sim$	5	Kar	(432)5207720	Midland/TX/79703	2057 Commerce Dr.	TRC Environmental Corporation	Curt Stanley
			l SU	1					8	0	0	8	1		1_		bloc	5207	nd/T	Con Con	Envir	Stanl
		_	rfac						່ຫຼ		Ň	-	1.5				2	720	X/79	men	onm	ey
	-	(4/17) (4/17)	ant														15	<u>)</u>	703	8	enta	
Date	Date	17/10/10/10	. ເທ												324590	1497.2					1 Co	
														· · · · · · · · · · · · · · · · · · ·	-1		bell				rpora	
	T	121												Beginning Depth							ation	- -
Time	Time	100												Ending Depth			far	2				
	Rec	Rec			1				p	ŋ	<u>م</u> .	ŋ	<u>م</u>		1		141					<b>.</b> .
N	Received by:	Received by:							6/6/2016	6/6/2016	6/6/2016	6/6/2016	6/6/2016	Date Sampled			8					
	by:	t by:							016	016	016	016	016				£	:				
ン画	N .			-		-						┢	1 		- I		HIbert El ardez-mail:	' I '				
										, ,	<u>,</u>	<b> </b> -					dec	т				
$\mathcal{A}$								- A.	1446	1412	1422	1454	1431	Time Sampled			е-т	Fax No:				
																	ail:	No.				
(			·	<u> </u>		<u> </u>	ļ	<b> </b>			ĺ	ļ	·	Field Filtered			0					Midland, Texas 79706
				F	-								<u>-</u>   ×	Total #. of Containers	╈┓		cdstanley@trcs clbryant@p					and,
1				<u> </u>	-	-	-		×	×	×	×	Ê	HNO ₃	Pre				÷.			Tex
		•		-		┢──								НСІ	Preservation &		and show					as as
					1.	<u> </u>						┟──	†	H ₂ SO ₄	- tion &							79706
		1							. !		•			NaOH			solutions.c					06 1;
														Na ₂ S ₂ O ₃	# of Containers		solutions.com paalp.com					213
6 2 late						<u> </u>								None	iners		con					
	Date	Date		┝										Other ( Specify) DW=Drinking Water SL=Sludge	$\square$		<u>کا ۲</u>	I	I	I	I	l ç
	,				· ·	× .	Ľ		Soil	Soil	Soil	Soil	Soil	GW = Groundwater S=Soil/Solid	Matrix		IJ	Re				
									<u> </u>	<b>—</b>	-	=	=	NP=Non-Potable Specify Other	×			port		P		Proj
Time 12.10	Time	Time	a ayara						×	×	×	×	×		015B			Report Format:		Project Loc:	Pro	Project Name:
										<u>                                      </u>				TPH: TX 1005 TX 1006				nat:	PO #:	τĢ	Project #:	Vam
Temperal Received	b g	abel Justo Justo	.abo iamp /OCs				-				-			Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity)		_		বেস	# 	<u>ି ମ</u>	#  -	<u>e</u> 
Temperati Received: Adjusted	/San /CoL	idy s idy s	ie C Fre		-		•				<u> </u>			SAR / ESP / CEC		TOTAL:		X St				
ure (	and npler. Irier?	con eals eals	onta e of		$\vdash$					$\vdash$		<u> </u>		Metals: As Ag Ba Cd Cr Pb Hg		<u>· · · · ·</u>	⊳	Standard				
lpon	Deliv /Clier	aine on c	iners Heac									Ĺ	Ĺ	Volatiles			Analyze	Ĩď		Lea		
Temperature Upon Receipt Received: °C Adjusted °C	Sample Hand Delivered by Sampler/Client Rep. ? by Courier? UPS	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?	-										Semivolatiles			ze For:			ä		Cotton Draw Station
ိုင်းခိုင်		iner(: (s)	ct? ce?						×	×	×	×	×	BTEX 8021B 5030 or BTEX 82	260	×	ň			County, New Mexico	201	
eipt °C Factor	PH	s)				· ·	1				<b>_</b>	<u> </u>	<u> </u>	RCI						, Ne	2016-057	raw 4
	E.				-		-							N.O.R.M. Chlorides ( 300				Ρ		M M	57	Stat
	FedEy ≺ ≺	<b>≺</b>	× -			┢──		$\left  \right $	×	×	×	×	×	Paint Filter	· .			<b>—</b>		exico	1	tion
	6				-		$\vdash$		-	<u> </u>	-		┢──	TCLP Benzene				ц Ц		Ĩ	1	
a contrata de		zzz	zz		$\square$		$\square$				-			RUSH TAT (Pre-Schedule) 24,	, 48, 7	72 hrs	Ч					
	Star					<b>1</b>			-		<del> </del>		-					0	1	1	E E	1

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



# Analytical Report

## **Prepared for:**

Curt Stanley TRC Solutions- Midland, Texas 2057 Commerce Street Midland, TX 79703

Project: Cotton Draw Station Project Number: 2016-057 Location: Lea County, New Mexico

Lab Order Number: 6F15007



NELAP/TCEQ # T104704156-13-3

Report Date: 06/21/16

### Project: Cotton Draw Station Project Number: 2016-057 Project Manager: Curt Stanley

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample-3A @ 6"	6F15007-01	Soil	06/14/16 11:15	06-15-2016 14:10
SK-500B @ 1.5'	6F15007-02	Soil	06/14/16 11:05	06-15-2016 14:10
SK-200B @ 1'	6F15007-03	Soil	06/14/16 11:00	06-15-2016 14:10
P400B @ 2'	6F15007-04	Soil	06/14/16 11:10	06-15-2016 14:10

#### Sample-3A @ 6'' 6F15007-01 (Soil)

6F 15007-01 (S011)													
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note				
	Pern	1ian Basin F	Environme	ntal Lab, I	L <b>.P.</b>								
Organics by GC													
Benzene	0.174	0.111	mg/kg dry	100	P6F2012	06/17/16	06/17/16	EPA 8021B					
Toluene	4.19	0.222	mg/kg dry	100	P6F2012	06/17/16	06/17/16	EPA 8021B					
Ethylbenzene	1.79	0.111	mg/kg dry	100	P6F2012	06/17/16	06/17/16	EPA 8021B					
Xylene (p/m)	13.5	0.222	mg/kg dry	100	P6F2012	06/17/16	06/17/16	EPA 8021B					
Xylene (o)	4.22	0.111	mg/kg dry	100	P6F2012	06/17/16	06/17/16	EPA 8021B					
Surrogate: 4-Bromofluorobenzene		110 %	75-1	25	P6F2012	06/17/16	06/17/16	EPA 8021B					
Surrogate: 1,4-Difluorobenzene		98.4 %	75-1	25	P6F2012	06/17/16	06/17/16	EPA 8021B					
General Chemistry Parameters by EPA	A / Standard Method	ls											
Chloride	48.4	1.11	mg/kg dry	1	P6F1703	06/17/16	06/17/16	EPA 300.0					
% Moisture	10.0	0.1	%	1	P6F1603	06/16/16	06/16/16	% calculation					
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	)15M											
C6-C12	1240	278	mg/kg dry	10	P6F1610	06/15/16	06/16/16	TPH 8015M					
>C12-C28	11500	278	mg/kg dry	10	P6F1610	06/15/16	06/16/16	TPH 8015M					
>C28-C35	1650	278	mg/kg dry	10	P6F1610	06/15/16	06/16/16	TPH 8015M					
Surrogate: 1-Chlorooctane		101 %	70-1	30	P6F1610	06/15/16	06/16/16	TPH 8015M					
Surrogate: o-Terphenyl		84.0 %	70-1	30	P6F1610	06/15/16	06/16/16	TPH 8015M					
Total Petroleum Hydrocarbon C6-C35	14400	278	mg/kg dry	10	[CALC]	06/15/16	06/16/16	calc					

#### Project: Cotton Draw Station Project Number: 2016-057 Project Manager: Curt Stanley

## SK-500B @ 1.5'

#### 6F15007-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	1ian Basin E	nvironmer	ntal Lab, 1	L. <b>P.</b>				
Organics by GC									
Benzene	ND	0.0202	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Toluene	ND	0.0404	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Ethylbenzene	0.0210	0.0202	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Xylene (p/m)	0.138	0.0404	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Xylene (o)	0.104	0.0202	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	75-1	25	P6F2021	06/18/16	06/18/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.5 %	75-1	25	P6F2021	06/18/16	06/18/16	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Method	ls							
Chloride	124	1.01	mg/kg dry	1	P6F1703	06/17/16	06/17/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6F1603	06/16/16	06/16/16	% calculation	
Total Petroleum Hydrocarbons C6-C	C35 by EPA Method 80	)15M							
C6-C12	ND	25.3	mg/kg dry	1	P6F1610	06/15/16	06/16/16	TPH 8015M	
>C12-C28	927	25.3	mg/kg dry	1	P6F1610	06/15/16	06/16/16	TPH 8015M	
>C28-C35	219	25.3	mg/kg dry	1	P6F1610	06/15/16	06/16/16	TPH 8015M	
Surrogate: 1-Chlorooctane		87.0 %	70-1	30	P6F1610	06/15/16	06/16/16	TPH 8015M	
Surrogate: o-Terphenyl		94.7 %	70-1	30	P6F1610	06/15/16	06/16/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1150	25.3	mg/kg dry	1	[CALC]	06/15/16	06/16/16	calc	

#### Project: Cotton Draw Station Project Number: 2016-057 Project Manager: Curt Stanley

٦

## SK-200B @ 1'

#### 6F15007-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	1ian Basin F	Environmen	ıtal Lab, l	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.0202	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Toluene	0.772	0.0404	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Ethylbenzene	0.633	0.0202	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Xylene (p/m)	4.47	0.0404	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Xylene (o)	1.41	0.0202	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	75-1	25	P6F2021	06/18/16	06/18/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		96.7 %	75-1	25	P6F2021	06/18/16	06/18/16	EPA 8021B	
General Chemistry Parameters by EP	A / Standard Method	ls							
Chloride	308	1.01	mg/kg dry	1	P6F1703	06/17/16	06/17/16	EPA 300.0	
% Moisture	1.0	0.1	%	1	P6F1603	06/16/16	06/16/16	% calculation	
Total Petroleum Hydrocarbons C6-C3	35 by EPA Method 80	)15M							
C6-C12	668	126	mg/kg dry	5	P6F1610	06/15/16	06/16/16	TPH 8015M	
>C12-C28	8980	126	mg/kg dry	5	P6F1610	06/15/16	06/16/16	TPH 8015M	
>C28-C35	1110	126	mg/kg dry	5	P6F1610	06/15/16	06/16/16	TPH 8015M	
Surrogate: 1-Chlorooctane		104 %	70-1	30	P6F1610	06/15/16	06/16/16	TPH 8015M	
Surrogate: o-Terphenyl		87.7 %	70-1	30	P6F1610	06/15/16	06/16/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	10800	126	mg/kg dry	5	[CALC]	06/15/16	06/16/16	calc	

#### Project: Cotton Draw Station Project Number: 2016-057 Project Manager: Curt Stanley

## P400B @ 2'

#### 6F15007-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	1ian Basin F	nvironme	ntal Lab, 1	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.0204	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Toluene	0.736	0.0408	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Ethylbenzene	ND	0.0204	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Xylene (p/m)	5.03	0.0408	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Xylene (o)	1.89	0.0204	mg/kg dry	20	P6F2021	06/18/16	06/18/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	75-1	25	P6F2021	06/18/16	06/18/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		112 %	75-1	25	P6F2021	06/18/16	06/18/16	EPA 8021B	
General Chemistry Parameters by El	PA / Standard Method	ls							
Chloride	12.8	1.02	mg/kg dry	1	P6F1703	06/17/16	06/17/16	EPA 300.0	
% Moisture	2.0	0.1	%	1	P6F1603	06/16/16	06/16/16	% calculation	
<u>Total Petroleum Hydrocarbons C6-C</u>	35 by EPA Method 80	015M							
C6-C12	1060	128	mg/kg dry	5	P6F1610	06/15/16	06/16/16	TPH 8015M	
>C12-C28	7410	128	mg/kg dry	5	P6F1610	06/15/16	06/16/16	TPH 8015M	
>C28-C35	914	128	mg/kg dry	5	P6F1610	06/15/16	06/16/16	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-1	30	P6F1610	06/15/16	06/16/16	TPH 8015M	
Surrogate: o-Terphenyl		93.4 %	70-1	30	P6F1610	06/15/16	06/16/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	9390	128	mg/kg dry	5	[CALC]	06/15/16	06/16/16	calc	

#### Project: Cotton Draw Station Project Number: 2016-057 Project Manager: Curt Stanley

#### **Organics by GC - Quality Control**

Permian Basin Environmental Lab, L.P.

	-	Reporting	<b>.</b>	Spike	Source	a	%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6F2012 - General Preparation (C	<u>iC)</u>									
Blank (P6F2012-BLK1)				Prepared &	Analyzed:	06/17/16				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0602		"	0.0600		100	75-125			
Surrogate: 4-Bromofluorobenzene	0.0642		"	0.0600		107	75-125			
LCS (P6F2012-BS1)				Prepared &	Analyzed:	06/17/16				
Benzene	0.118	0.00100	mg/kg wet	0.100		118	70-130			
Toluene	0.0936	0.00200	"	0.100		93.6	70-130			
Ethylbenzene	0.114	0.00100	"	0.100		114	70-130			
Xylene (p/m)	0.212	0.00200	"	0.200		106	70-130			
Xylene (o)	0.121	0.00100	"	0.100		121	70-130			
Surrogate: 1,4-Difluorobenzene	0.0603		"	0.0600		101	75-125			
Surrogate: 4-Bromofluorobenzene	0.0688		"	0.0600		115	75-125			
LCS Dup (P6F2012-BSD1)				Prepared &	Analyzed:	06/17/16				
Benzene	0.117	0.00100	mg/kg wet	0.100		117	70-130	0.637	20	
Toluene	0.0942	0.00200	"	0.100		94.2	70-130	0.660	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	70-130	1.83	20	
Xylene (p/m)	0.210	0.00200	"	0.200		105	70-130	0.673	20	
Xylene (o)	0.116	0.00100	"	0.100		116	70-130	4.35	20	
Surrogate: 1,4-Difluorobenzene	0.0608		"	0.0600		101	75-125			
Surrogate: 4-Bromofluorobenzene	0.0700		"	0.0600		117	75-125			
Matrix Spike (P6F2012-MS1)	Sou	ırce: 6F09011-	-05	Prepared &	a Analyzed:	06/17/16				
Benzene	0.0998	0.0208	mg/kg dry	0.104	ND	95.8	80-120			
Toluene	0.0812	0.0417	"	0.104	ND	78.0	80-120			QM-0
Ethylbenzene	0.164	0.0208	"	0.104	ND	157	80-120			QM-0
Xylene (p/m)	0.598	0.0417	"	0.208	0.360	115	80-120			
Xylene (o)	0.142	0.0208	"	0.104	0.0444	93.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.0679		"	0.0625		109	75-125			
Surrogate: 4-Bromofluorobenzene	0.0473		"	0.0625		75.6	75-125			

#### **Organics by GC - 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 P6F2012 - General Preparation (GC)

Matrix Spike Dup (P6F2012-MSD1)	Sour	Source: 6F09011-05			Prepared & Analyzed: 06/17/16					
Benzene	0.120	0.0208	mg/kg dry	0.104	ND	115	80-120	18.0	20	
Toluene	0.126	0.0417	"	0.104	ND	121	80-120	43.5	20	QM-07
Ethylbenzene	0.138	0.0208	"	0.104	ND	132	80-120	17.3	20	QM-07
Xylene (p/m)	0.354	0.0417	"	0.208	0.360	NR	80-120	NR	20	QM-07
Xylene (o)	0.193	0.0208	"	0.104	0.0444	143	80-120	41.8	20	QM-07
Surrogate: 4-Bromofluorobenzene	1.19		"	0.0625		NR	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.0703		"	0.0625		113	75-125			

#### **Batch P6F2021 - General Preparation (GC)**

Blank (P6F2021-BLK1)	Prepared & Analyzed: 06/18/16									
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0615		"	0.0600	103	75-125				
Surrogate: 4-Bromofluorobenzene	0.0626		"	0.0600	104	75-125				
LCS (P6F2021-BS1)				Prepared & Anal	yzed: 06/18/16					
D	0.115	0.00100	<i>л</i> ,	0.100	115	70,120				

Benzene	0.115	0.00100	mg/kg wet	0.100	115	70-130	
Toluene	0.0946	0.00200	"	0.100	94.6	70-130	
Ethylbenzene	0.112	0.00100	"	0.100	112	70-130	
Xylene (p/m)	0.204	0.00200	"	0.200	102	70-130	
Xylene (o)	0.116	0.00100	"	0.100	116	70-130	
Surrogate: 4-Bromofluorobenzene	0.0666		"	0.0600	111	75-125	
Surrogate: 1,4-Difluorobenzene	0.0609		"	0.0600	102	75-125	

#### **Organics by GC - 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 P6F2021 - General Preparation (GC)										
LCS Dup (P6F2021-BSD1)				Prepared &	Analyzed:	06/18/16				
Benzene	0.108	0.00100	mg/kg wet	0.100		108	70-130	6.69	20	
Toluene	0.0874	0.00200	"	0.100		87.4	70-130	7.94	20	
Ethylbenzene	0.107	0.00100	"	0.100		107	70-130	4.34	20	
Xylene (p/m)	0.183	0.00200	"	0.200		91.7	70-130	10.4	20	
Xylene (o)	0.106	0.00100	"	0.100		106	70-130	9.01	20	
Surrogate: 1,4-Difluorobenzene	0.0633		"	0.0600		106	75-125			
Surrogate: 4-Bromofluorobenzene	0.0657		"	0.0600		109	75-125			
Duplicate (P6F2021-DUP1)	Sou	rce: 6F15007	-04	Prepared &	Analyzed:	06/18/16				
Benzene	ND	0.0204	mg/kg dry		ND				20	
Toluene	0.834	0.0408	"		0.736			12.6	20	
Ethylbenzene	ND	0.0204	"		ND				20	
Xylene (p/m)	4.81	0.0408	"		5.03			4.44	20	
Xylene (o)	1.87	0.0204	"		1.89			1.09	20	
Surrogate: 4-Bromofluorobenzene	0.0599		"	0.0612		97.8	75-125			
Surrogate: 1,4-Difluorobenzene	0.0564		"	0.0612		92.1	75-125			

#### General Chemistry Parameters by EPA / Standard Methods - Quality Control

#### Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6F1603 - *** DEFAULT PREP ***										
Blank (P6F1603-BLK1)				Prepared &	a Analyzed	: 06/16/16				
% Moisture	ND	0.1	%							
Duplicate (P6F1603-DUP2)	Sou	rce: 6F16003	-01	Prepared &	k Analyzed	: 06/16/16				
% Moisture	8.0	0.1	%		7.0			13.3	20	
Batch P6F1703 - *** DEFAULT PREP ***										
Blank (P6F1703-BLK1)				Prepared &	a Analyzed	: 06/17/16				
Chloride	ND	1.00	mg/kg wet							
LCS (P6F1703-BS1)				Prepared &	a Analyzed	: 06/17/16				
Chloride	163	1.00	mg/kg wet	150		108	80-120			
LCS Dup (P6F1703-BSD1)				Prepared &	k Analyzed	: 06/17/16				
Chloride	159	1.00	mg/kg wet	150		106	80-120	2.01	20	
Duplicate (P6F1703-DUP1)	Sou	Source: 6F14005-21 F			a Analyzed	: 06/17/16				
Chloride	2460	10.6	mg/kg dry		2420			1.90	20	
Duplicate (P6F1703-DUP2)	<b>Source: 6F09007-06</b> P			Prepared & Analyzed: 06/17/16						
Chloride	2410	11.6	mg/kg dry		2410			0.116	20	

### 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 P6F1610 - TX 1005										
Blank (P6F1610-BLK1)				Prepared: 0	06/15/16 A	nalyzed: 06	6/16/16			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	101		"	100		101	70-130			
Surrogate: o-Terphenyl	52.8		"	50.0		106	70-130			
LCS (P6F1610-BS1)				Prepared: 0	06/15/16 A	nalyzed: 06	6/16/16			
C6-C12	800	25.0	mg/kg wet	1000		80.0	75-125			
>C12-C28	1070	25.0	"	1000		107	75-125			
Surrogate: 1-Chlorooctane	91.1		"	100		91.1	70-130			
Surrogate: o-Terphenyl	41.5		"	50.0		83.1	70-130			
LCS Dup (P6F1610-BSD1)				Prepared: 0	06/15/16 A	nalyzed: 06	6/16/16			
C6-C12	850	25.0	mg/kg wet	1000		85.0	75-125	6.03	20	
>C12-C28	1120	25.0	"	1000		112	75-125	4.51	20	
Surrogate: 1-Chlorooctane	99.5		"	100		99.5	70-130			
Surrogate: o-Terphenyl	43.7		"	50.0		87.4	70-130			
Matrix Spike (P6F1610-MS1)	Sour	ce: 6F13010	-02	Prepared: 0	06/15/16 A	nalyzed: 06	6/16/16			
C6-C12	997	28.7	mg/kg dry	1150	ND	86.8	75-125			
>C12-C28	1300	28.7	"	1150	139	101	75-125			
Surrogate: 1-Chlorooctane	116		"	115		101	70-130			
Surrogate: o-Terphenyl	58.6		"	57.5		102	70-130			
Matrix Spike Dup (P6F1610-MSD1)	Sour	ce: 6F13010	-02	Prepared: 0	06/15/16 A	nalyzed: 06	6/16/16			
C6-C12	1040	28.7	mg/kg dry	1150	ND	90.8	75-125	4.59	20	
>C12-C28	1370	28.7	"	1150	139	107	75-125	5.90	20	
Surrogate: 1-Chlorooctane	129		"	115		112	70-130			
Surrogate: o-Terphenyl	55.5		"	57.5		96.5	70-130			

#### **Notes and Definitions**

S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:

Bun Barron

6/21/2016

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

Date:



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



# Analytical Report

## **Prepared for:**

Curt Stanley TRC Solutions- Midland, Texas 2057 Commerce Street Midland, TX 79703

Project: Cotton Draw Station Project Number: AFE 20362 Location: Lea County, New Mexico

Lab Order Number: 6L19011



NELAP/TCEQ # T104704156-13-3

Report Date: 12/22/16

### Project: Cotton Draw Station Project Number: AFE 20362 Project Manager: Curt Stanley

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample-3B @ 6"	6L19011-01	Soil	12/16/16 09:00	12-19-2016 13:45
SK-200C @ 1'	6L19011-02	Soil	12/16/16 09:10	12-19-2016 13:45
P400C @ 2'	6L19011-03	Soil	12/16/16 09:20	12-19-2016 13:45

### Sample-3B @ 6'' 6L19011-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note			
	Pern	nian Basin E	Invironmen	ital Lab, l	L.P.							
Organics by GC												
Benzene	0.00278	0.00109	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B				
Toluene	0.0125	0.00217	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B				
Ethylbenzene	0.0117	0.00109	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B				
Xylene (p/m)	0.0585	0.00217	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B				
Xylene (o)	0.123	0.00109	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B				
Surrogate: 4-Bromofluorobenzene		77.7 %	75-1	25	P6L2201	12/20/16	12/20/16	EPA 8021B				
Surrogate: 1,4-Difluorobenzene		102 %	75-1.	25	P6L2201	12/20/16	12/20/16	EPA 8021B				
General Chemistry Parameters by El	PA / Standard Method	ls										
Chloride	33.6	1.09	mg/kg dry	1	P6L1904	12/19/16	12/20/16	EPA 300.0				
% Moisture	8.0	0.1	%	1	P6L2101	12/21/16	12/21/16	% calculation				
Total Petroleum Hydrocarbons C6-C	35 by EPA Method 80	)15M										
C6-C12	737	27.2	mg/kg dry	1	P6L2007	12/19/16	12/20/16	TPH 8015M				
>C12-C28	3500	27.2	mg/kg dry	1	P6L2007	12/19/16	12/20/16	TPH 8015M				
>C28-C35	504	27.2	mg/kg dry	1	P6L2007	12/19/16	12/20/16	TPH 8015M				
Surrogate: 1-Chlorooctane		93.6 %	70-1.	30	P6L2007	12/19/16	12/20/16	TPH 8015M				
Surrogate: o-Terphenyl		105 %	70-1.	30	P6L2007	12/19/16	12/20/16	TPH 8015M				
Total Petroleum Hydrocarbon C6-C35	4740	27.2	mg/kg dry	1	[CALC]	12/19/16	12/20/16	calc				

#### Project: Cotton Draw Station Project Number: AFE 20362 Project Manager: Curt Stanley

## SK-200C @ 1'

#### 6L19011-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	Environme	ntal Lab, I	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00104	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B	
Toluene	0.00250	0.00208	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B	
Ethylbenzene	0.00288	0.00104	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B	
Xylene (p/m)	0.0291	0.00208	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B	
Xylene (o)	0.0248	0.00104	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		85.6 %	75-1	25	P6L2201	12/20/16	12/20/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		86.4 %	75-1	25	P6L2201	12/20/16	12/20/16	EPA 8021B	
General Chemistry Parameters by E	CPA / Standard Method	ls							
Chloride	4.82	1.04	mg/kg dry	1	P6L1904	12/19/16	12/20/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P6L2101	12/21/16	12/21/16	% calculation	
Total Petroleum Hydrocarbons C6-0	C35 by EPA Method 8	015M							
C6-C12	267	26.0	mg/kg dry	1	P6L2007	12/19/16	12/20/16	TPH 8015M	
>C12-C28	1330	26.0	mg/kg dry	1	P6L2007	12/19/16	12/20/16	TPH 8015M	
>C28-C35	198	26.0	mg/kg dry	1	P6L2007	12/19/16	12/20/16	TPH 8015M	
Surrogate: 1-Chlorooctane		87.5 %	70-1	30	P6L2007	12/19/16	12/20/16	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-1	30	P6L2007	12/19/16	12/20/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1790	26.0	mg/kg dry	1	[CALC]	12/19/16	12/20/16	calc	

Permian Basin Environmental Lab, L.P.

#### Project: Cotton Draw Station Project Number: AFE 20362 Project Manager: Curt Stanley

## P400C @ 2'

### 6L19011-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin E	nvironme	ıtal Lab, I	L <b>.P.</b>				
Organics by GC									
Benzene	ND	0.00106	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B	
Toluene	0.00414	0.00213	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B	
Ethylbenzene	0.0153	0.00106	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B	
Xylene (p/m)	0.0394	0.00213	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B	
Xylene (0)	0.0172	0.00106	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		92.3 %	75-1	25	P6L2201	12/20/16	12/20/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		87.4 %	75-1	25	P6L2201	12/20/16	12/20/16	EPA 8021B	
General Chemistry Parameters by E	PA / Standard Metho	ls							
Chloride	10.4	1.06	mg/kg dry	1	P6L2002	12/20/16	12/20/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P6L2101	12/21/16	12/21/16	% calculation	
Total Petroleum Hydrocarbons C6-C	C35 by EPA Method 8	015M							
C6-C12	421	26.6	mg/kg dry	1	P6L2007	12/19/16	12/20/16	TPH 8015M	
>C12-C28	2170	26.6	mg/kg dry	1	P6L2007	12/19/16	12/20/16	TPH 8015M	
>C28-C35	302	26.6	mg/kg dry	1	P6L2007	12/19/16	12/20/16	TPH 8015M	
Surrogate: 1-Chlorooctane		79.6 %	70-1	30	P6L2007	12/19/16	12/20/16	TPH 8015M	
Surrogate: o-Terphenyl		98.8 %	70-1	30	P6L2007	12/19/16	12/20/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	2890	26.6	mg/kg dry	1	[CALC]	12/19/16	12/20/16	calc	

#### Permian Basin Environmental Lab, L.P.

#### Project: Cotton Draw Station Project Number: AFE 20362 Project Manager: Curt Stanley

#### **Organics by GC - 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 P6L2201 - General Preparation (G	C)									
Blank (P6L2201-BLK1)				Prepared &	Analyzed:	12/20/16				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100								
Surrogate: 1,4-Difluorobenzene	0.0546		"	0.0600		90.9	75-125			
Surrogate: 4-Bromofluorobenzene	0.0613		"	0.0600		102	75-125			
LCS (P6L2201-BS1)				Prepared &	Analyzed:	12/20/16				
Benzene	0.0975	0.00100	mg/kg wet	0.100		97.5	70-130			
Toluene	0.101	0.00200	"	0.100		101	70-130			
Ethylbenzene	0.115	0.00100		0.100		115	70-130			
Xylene (p/m)	0.209	0.00200	"	0.200		105	70-130			
Xylene (o)	0.100	0.00100	"	0.100		100	70-130			
Surrogate: 1,4-Difluorobenzene	0.0565		"	0.0600		94.1	75-125			
Surrogate: 4-Bromofluorobenzene	0.0611		"	0.0600		102	75-125			
LCS Dup (P6L2201-BSD1)				Prepared &	Analyzed:	12/20/16				
Benzene	0.0968	0.00100	mg/kg wet	0.100		96.8	70-130	0.690	20	
Toluene	0.103	0.00200	"	0.100		103	70-130	1.97	20	
Ethylbenzene	0.121	0.00100	"	0.100		121	70-130	5.40	20	
Xylene (p/m)	0.214	0.00200	"	0.200		107	70-130	2.17	20	
Xylene (o)	0.102	0.00100	"	0.100		102	70-130	1.97	20	
Surrogate: 4-Bromofluorobenzene	0.0664		"	0.0600		111	75-125			
Surrogate: 1,4-Difluorobenzene	0.0585		"	0.0600		97.5	75-125			
Matrix Spike (P6L2201-MS1)	Sou	rce: 6L19011	-03	Prepared &	Analyzed:	12/20/16				
Benzene	0.105	0.00106	mg/kg dry	0.106	ND	98.4	80-120			
Toluene	0.0619	0.00213	"	0.106	0.00414	54.3	80-120			QM-0
Ethylbenzene	0.0480	0.00106	"	0.106	0.0153	30.8	80-120			QM-0
Xylene (p/m)	0.0899	0.00213	"	0.213	0.0394	23.7	80-120			QM-0
Xylene (o)	0.0428	0.00106		0.106	0.0172	24.1	80-120			QM-0
Surrogate: 1,4-Difluorobenzene	0.0654		"	0.0638		102	75-125			
Surrogate: 4-Bromofluorobenzene	0.0645		"	0.0638		101	75-125			

#### Project: Cotton Draw Station Project Number: AFE 20362 Project Manager: Curt Stanley

#### **Organics by GC - Quality Control**

#### Permian Basin Environmental Lab, L.P.

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

#### **Batch P6L2201 - General Preparation (GC)**

Matrix Spike Dup (P6L2201-MSD1)	Sour	ce: 6L19011	-03	Prepared &	& Analyzed:	12/20/16				
Benzene	0.160	0.00106	mg/kg dry	0.213	ND	75.0	80-120	26.9	20	QM-07, R2
Toluene	0.136	0.00213	"	0.213	0.00414	61.9	80-120	13.1	20	QM-07
Ethylbenzene	0.116	0.00106	"	0.213	0.0153	47.4	80-120	42.5	20	QM-07, R2
Xylene (p/m)	0.231	0.00213	"	0.426	0.0394	45.1	80-120	62.1	20	QM-07, R2
Xylene (o)	0.139	0.00106	"	0.213	0.0172	57.5	80-120	82.0	20	QM-07, R2
Surrogate: 4-Bromofluorobenzene	0.0644		"	0.0638		101	75-125			
Surrogate: 1,4-Difluorobenzene	0.0721		"	0.0638		113	75-125			

#### 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 P6L1904 - *** DEFAULT PREP ***										
Blank (P6L1904-BLK1)				Prepared: 1	2/19/16 A	nalyzed: 12	2/20/16			
Chloride	ND	1.00	mg/kg wet							
LCS (P6L1904-BS1)				Prepared: 1	2/19/16 A	nalyzed: 12	2/20/16			
Chloride	384	1.00	mg/kg wet	400		96.1	80-120			
LCS Dup (P6L1904-BSD1)				Prepared: 1	2/19/16 A	nalyzed: 12	2/20/16			
Chloride	390	1.00	mg/kg wet	400		97.5	80-120	1.45	20	
Duplicate (P6L1904-DUP1)	Sou	rce: 6L19002	-08	Prepared: 1	2/19/16 A	nalyzed: 12	2/20/16			
Chloride	280	1.06	mg/kg dry		296			5.52	20	
Duplicate (P6L1904-DUP2)	Sou	rce: 6L19010	-03	Prepared: 1	2/19/16 A	nalyzed: 12	2/20/16			
Chloride	533	1.05	mg/kg dry		527			1.15	20	
Matrix Spike (P6L1904-MS1)	Sou	rce: 6L19002	-08	Prepared: 1	2/19/16 A	nalyzed: 12	2/20/16			
Chloride	1250	1.06	mg/kg dry	1060	296	89.6	80-120			
Batch P6L2002 - *** DEFAULT PREP ***										
				Prepared &	Analyzed:	12/20/16				
Chloride	ND	1.00	mg/kg wet	-	•					
LCS (P6L2002-BS1)				Prepared &	Analyzed:	12/20/16				
Chloride	382	1.00	mg/kg wet	400		95.5	80-120			
LCS Dup (P6L2002-BSD1)				Prepared &	Analyzed:	12/20/16				
Chloride	393	1.00	mg/kg wet	400	•	98.3	80-120	2.85	20	

Permian Basin Environmental Lab, L.P.

#### General Chemistry Parameters by EPA / Standard Methods - Quality Control

#### Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P6L2002 - *** DEFAULT PREP ***										
Duplicate (P6L2002-DUP1)	Prepared &	Analyzed:	12/20/16							
Chloride	12.6	1.06	mg/kg dry		10.4			18.5	20	
Matrix Spike (P6L2002-MS1)	Source	e: 6L19011-(	03	Prepared &	Analyzed:	12/20/16				
Chloride	888	1.06	mg/kg dry	1060	10.4	82.5	80-120			
Batch P6L2101 - % Solids										
Blank (P6L2101-BLK1)				Prepared &	Analyzed:	12/21/16				
% Moisture	ND	0.1	%							
Duplicate (P6L2101-DUP1)	Sourc	e: 6L19012-(	07	Prepared &	Analyzed:	12/21/16				
% Moisture	24.0	0.1	%		25.0			4.08	20	

#### **Notes and Definitions**

R2	The RPD exceeded the acceptance limit.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:

Bun Barron

12/22/2016

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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

Date:

Relinquished by:	Relinquished by:	Relinquished	Special								6	702	9	LAB # (lab use only)	ORDER #:	(lab use only)						L.
ished b	ished by	ished b	. =					- - -		<u>998</u>	17618				; ; ;	e only)	Sar	Tele	City	Cor	Cor	Project Manager
	$\bigwedge$		Instructions: Soil samples contain surfactants												R	95. 19	Sampler Signature:	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:
		A	s: oles o							•••		1.1	S		$\sum_{i=1}^{n}$		Signa		∍/Zip:	Add	/ Nan	Ianag
		~ `	ontai		:						P40	SK-200C @ 1'	Sample-3B @ 6"	FIEL	1001		iture:			ress:	le	CONTRACT OF CONTRACT.
	$\sim$	l	n sur								P400C @ 2'		e-3B	FIELD CODE	F		5	(432)	Midla	2057 Commerce Dr.	TRC	Curt
	Q		facta								N	(9)  -	(0) ଜୁ	D				(432)5207720	Midland/TX/79703	Com	TRC Environmental Corporation	Curt Stanley
		$\overline{)}$	nts								· .						1	120	U7970	nerce	onmer	
Date	Date	/ Date														م 🗠		$\mathbf{D}^{-1}$	а П	₽.	ntal C	IAIN
							ļ							1 1 1 1				1	1		orpora	OF
Time	Time	Time												Beginning Depth			T	J.			ition	CUST
ne	ne	ne										· .		Ending Depth								CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST Permian Basi 10014 S. Cor Midland, Tey
Recei	Received by:	Received by:									12/1	12/1	12/1				1	2				REC
Ved by	ved by	ved by									12/16/2016	12/16/2016	12/16/2016	Date Sampled			$\mathcal{Y}$					ORD
by PBEI											<u>б</u>	16	6		-							AND
SEL:											8	ß	8	Time Committed				Π				AN
M											0920	0910	0900	Time Sampled			e-mail:	Fax No:				ALYS
10													-	Field, Filtered	-	1						Pe 10 Mi
1											-	۔ م	<u> </u>	Total #. of Containers			cdstanley@trcs				4 - ¹	) <i>REQUEST</i> Permian Basin Environmental Lab, LP 10014 S. County Road 1213 Midland, Texas 79706
$\gamma$											×	×	×	Ice							1	I. A. T
			•											HNO ₃	Preservation &							in exa
						11 A.	· · ·						1	HCI	vatio							Enviro Ity Roa s 797(
							<u> </u>				<u> </u>			H ₂ SO ₄		1	Solution			·   .		ironn Ioad 9706
				┝	┨	<u> </u>							[	NaOH	- 2							men 121
			( · · · ·		+				· · ·		<u> </u>		-	Na ₂ S ₂ O ₃ None	# of Containers		solutions.com					
24		_			-	<u> </u>		<u> </u>		10 10	<u> </u>	┢─	1	Other ( Specify)	- Is		SIG		1. 1			ab,
	Date	Date											+	DW=Drinking Water SL=Sludge	+-		ğ	1	Ι.	l i	1	I Ş
_∕_		la s		{					l		Soil	Soil	Soil	GW= Groundwater S=Soil/Solid	Matrix		. <b>.</b>	Rep	,			
$\overline{\mathcal{Y}}$										1. r -				NP=Non-Potable Specify Other	×			Report Format:		Pr		Project Name:
	Ime	lime									×	×	×		3015B			orn		Project Loc:	Project #:	ect N
$\sum_{n=1}^{\infty}$	1						<u> </u>				<u> </u>	<u> </u>	-	TPH: TX 1005 TX 1006	6			nat:	PO #:	۲.	ect	lam
i emperat Received Adjusted	bami	abe Justo	abo ami /OC		+		-		<u> </u>		<u> </u>			Cations (Ca, Mg, Na, K)			4		.∰ 	· 유	. <del>7</del> 7	. <u>P</u>
oera iived sted	nple Hand I by Sampler by Courier?	ody ody	ole ( s Fre		+	┢				-	-	-	+	Anions (CI, SO4, Alkalinity) SAR / ESP / CEC	<u> </u>	TCLP:		N S			1	
	fand mple urier	eals seals	ie of		+	+-	1	-			+	+	+	Metals: As Ag Ba Cd Cr Pb H				Standard	].			Ph
		on Son	ine Tea			+		+				+		Volatiles			Inal	ard				one
	ent Rep	er(s) cont	Laboratory Comments: Sample Containers Intac VOCs Free of Headspac		┢╌	+		+-		$\left  \right $	1	+	1	Semivolatiles			Analvze For:			ea C		ott
remperature Upon Receipt Received: こしん 。C Adjusted: こん 。C F	Sample Hand Delivered by Sampler/Client Rep. ? by Counier? UPS	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?		$\top$		$\top$			:	×	×	×	BTEX 8021B/5030 or BTEX 8	8260		9			Lea County, New Mexico	A	Phone: 432-661-4184 Cotton Draw Station
Fact	. PHL	r(s)			1				1			1		RCI						V, N	AFE 20362	Jrav
P P	Г.,													N.O.R.M.				RP		ew h	362	184 V St
°C °C <u>Factor</u> ↓ ()	₹¥	<b>N</b>	167								×	×	×	Chlorides E 300			1			<b>Jexi</b>		atio
$[\mathcal{T}]$	必义	KK)K)												Paint Filter						8		Pag
	- Green -				1_				<u> </u>	<u> </u>	<u> </u>	1_		TCLP Benzene			_					Page 1 of 1
6	Lone Star	2 Z Z Z	zzz	<b></b>	-	-			<u> </u>		1	4	_	RUSH TAT (Pre-Schedule) 2	24, 48, 7	2 hrs		Š				
<u> </u>	<u>y</u>			5			Ļ	1	ľ	L			L	Standard TAT					1	$ \mathbf{I}  $	Pa	ige 11 of 11

Appendix C Certificate of Non-Exempt Waste Status (NMOCD Form C-138) Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-138 Revised August 1, 2011 •

*Surface Waste Management Facility Operator and Generator shall maintain and make this Documentation available for Division inspection.

## **REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE**

1. Generator Name and Address:
Plains Pipeline 2530 State Hwy 214
Denver City, Texas 79323
2. Originating Site: Plains Cotton Draw Station
3. Location of Material (Street Address, City, State or ULSTR): ULT "E", Section 03, Township 26 S, Range 32 East, Lea County, New Mexico
4. Source and Description of Waste:
Waste was generated due to a crude oil release at the Plains Cotton Draw Station.
Estimated Volume       5,500       yd³ / bbls       Known Volume (to be entered by the operator at the end of the haul)       yd³ / bbls         5.       GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS         I,       Camille Bryant       , representative or authorized agent for       Plains Pipeline, LP       do hereby         certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988       regulatory determination, the above described waste is: (Check the appropriate classification)
RCRA Exempt:       Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non- exempt waste.         Operator Use Only:       Waste Acceptance Frequency       Monthly       Weekly       Per Load
RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)
🗇 MSDS Information 🛛 RCRA Hazardous Waste Analysis 🗋 Process Knowledge 📋 Other (Provide description in Box 4)
GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS
I, <u>Camille Bryant</u> , representative for <u>Plains Pipeline, LP</u> do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.
5. Transporter: Various
OCD Permitted Surface Waste Management Facility
Name and Facility Permit #: Lea Landfill - NMOCD Permit #NM-1-0035
Address of Facility: MM64, HWY 62/180 East, Carlsbud, NM 88220
Method of Treatment and/or Disposal:
Evaporation Injection Treating Plant I Landfarm Landfill Other
Waste Acceptance Status:
Description         Description           Description         Description
PRINT NAME: <u>Saraly Hall</u> TITLE: <u>MKG. Manager</u> DATE: <u>6/1/16</u> SIGNATURE: <u>Surface Waste Management Facility Authorized Agent</u> TELEPHONE NO.: <u>405-579-1187</u>
SIGNATURE: <u>June June</u> TELEPHONE NO.: <u>405-579-1187</u> Surface Waste Management Facility Authorized Agent

# Appendix D Non-Hazardous Waste Manifests

		LEAT	AND, LLC			^		
	1300 WEST MAIN		DMA CITY, OK 73106 •	PHONE	(405) 236-4	257	rin	Ď
NO	N-HAZARDOUS WASTE MANI	FEST NO	114604	1. PA	GEOF	2. TRAI	LER NO.	D.F
	3. COMPANY NAME	4. ADDRESS			1	PICK-UP DATI		
<b>G</b>	PHONE NO	2530 State	Highway 214 STATE	us seguines.		8/6/2011		
E	an (575).44/1+1088 M = 100 m		, Maliferationant, Xusta (sain	- 19 <b>-7</b> 9			5.	
a katala ka	7. NAME OR DESCRIPTION OF WASTE SHIP	PED:	and the second	8. CON No.	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXA WASTE II
Ne.		istext	torivising of the statistic for the statistic state			2011111		
	un in a di stato di 2000 ana anti cana di strumente cana di anti. b.	······································				2	<u> </u>	
E	С.							,
	dur 28MDA 11 -	200 2	DAto					
R	12. COMMENTS OR SPECIAL INSTRUCTION	$S_{XU}$	8440	L	]	13. WASTE P		
$\mathbf{A}^{-1}$	PLAINS COTTON DRAW STATION			nd.	Darana (	13. WASTE P		
А			$\frac{ (a)   4 }{  4 }$	$\frac{1}{1}$	UTA CT			
T	NAME	PHONE NO		L, CO	VIACI	24-HOUR	EMERGE	NCY NO.
- <b>*</b> **							i konstantina masang	
0	15. <b>GENERATOR'S CERTIFICATION</b> shipping name and are classified, packed, marked, a international and national government regulations, i	nd labeled, and are i	n all respects in proper co	ndition fo	or transport	by highway acc	cording to an	pplicable
R								
	PRINTED/TYPED NAME		SIGNATURE		*	, , , , , , , , , , , , , , , , , , ,	-	DATE
	PRINTED/TYPED NAME		SIGNATURE					
T R	16. TRANSPORTER (1)	Chine 2019 and 2018 Start Ball Contract, second a	SIGNATURE	TF	LANSPO	RTER (2)		
R A		Chine your you the Same Barbaroon and an ar		TF	ANSPO			
R	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO.		17. NAME: TEXAS I.D. NO.	TF	RANSPO			
R A N S P	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: 16U		17. NAME: TEXAS I.D. NO. IN CASE OF EME.	RGENCY		RTER (2)		
R A N S P O R	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: 16U	-3294	17. NAME: TEXAS I.D. NO. IN CASE OF EME EMERGENCY PHO	RGENCY ONE:	Y CONTAC	<b>RTER (2)</b> T:		DATE
R A N S P O	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: 16U EMERGENCY PHONE: (432) 559 18. TRANSPORTER (1): Acknowledgment	- 3294 of receipt of materia	17. NAME: TEXAS I.D. NO. IN CASE OF EME <u>EMERGENCY PH</u> 1 19. <b>TRANSPOF</b>	RGENCY ONE: RTER (	2): Acknow	<b>RTER (2)</b> T: wledgment of r	eceipt of ma	DATE
R A N S P O R T E R	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: 16U EMERGENCY PHONE: (432) 559 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME	- <u>3294</u> of receipt of materia	17. NAME: TEXAS I.D. NO. IN CASE OF EME EMERGENCY PHO	RGENCY ONE: RTER (	2): Acknow	<b>RTER (2)</b> T: wledgment of r	eceipt of ma	DATE
R A N S P O R T E	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: 16U EMERGENCY PHONE: (432) 559 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME 2011	- <u>3294</u> of receipt of materia	17. NAME: TEXAS I.D. NO. IN CASE OF EME EMERGENCY PHO 19. TRANSPOR PRINTED/TYPED	RGENCY <u>ONE:</u> <b>XTER (</b> NAME _	CONTAC	RTER (2) T: wledgment of r	eceipt of ma	DATE
R A N S P O R T E R	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: 16U EMERGENCY PHONE: (432) 559 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME 11/1/2015 SIGNATURE 2000	- 3294 of receipt of materia Cerin 7 DATE ADDRESS:	17. NAME: TEXAS I.D. NO. IN CASE OF EME EMERGENCY PHO 19. TRANSPOH PRINTED/TYPED 70 2016 act SIGNATURE	RGENCY <u>ONE:</u> <b>TTER (</b> NAME _	CONTAC	RTER (2) T: wledgment of r D PHONE:	eceipt of ma	DATE aterial
R N S P O R T E R S	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: 16U EMERGENCY PHONE: (432) 559 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME	- 3294 of receipt of materia Cering DATE ADDRESS: M	17. NAME: TEXAS I.D. NO. IN CASE OF EME <u>EMERGENCY PH</u> 19. <b>TRANSPOF</b> PRINTED/TYPED 76 2016 SIGNATURE SIGNATURE ille Marker 64, U.S	rgency one: <b>RTER (</b> NAME_ S. Hwy	Y CONTAC 2): Acknow y 62/18(	RTER (2) T: wledgment of r D PHONE:	eccipt of ma	DATE aterial
R N S P O R T E R S D F I A	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: [6] EMERGENCY PHONE: (4-32) 559 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME [1] SIGNATURE Lea Land, LLC PERMIT NO.	- 3294 of receipt of materia Cering DATE ADDRESS: M 30	17. NAME: TEXAS I.D. NO. IN CASE OF EME EMERGENCY PHO 19. TRANSPOH PRINTED/TYPED 70 2016 act SIGNATURE	rgency one: <b>RTER (</b> NAME_ S. Hwy	Y CONTAC 2): Acknow y 62/18(	RTER (2) T: wledgment of r D PHONE:	eceipt of ma	DATE aterial
R A N S P O R T E R S D F A C P I	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: [6] EMERGENCY PHONE: (432) 559 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME / 1/1/2/ SIGNATURE / 1/1/2/ Lea Land, LLC PERMIT NO. WM-01-035 - New Mea	- 3294 of receipt of materia Cering DATE ADDRESS: M 30 Kico	17.         NAME:         TEXAS I.D. NO.         IN CASE OF EME         EMERGENCY PHO         19. TRANSPOH         PRINTED/TYPED         76 2046         SIGNATURE            NAME:         TEXAS I.D. NO.         PRINTED/TYPED         76 2046         2046         SIGNATURE            SIGNATURE 64, U.S.         Miles East of Ca         20. COMMENTS	rgency <u>one:</u> <b>TER (</b> NAME_ S. Hwy rlsbad	( CONTAC 2): Acknow y 62/18( , NM	RTER (2) T: wledgment of r D PHONE: ),	ecceipt of ma	DATE
R A N S P O R T E R S D F A S C	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: [6] EMERGENCY PHONE: (4-32) 559 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME [1] SIGNATURE Lea Land, LLC PERMIT NO.	- 32.94 of receipt of materia Cering DATE ADDRESS: M 30 Kico	17.         NAME:         TEXAS I.D. NO.         IN CASE OF EME         EMERGENCY PHO         19. TRANSPOH         PRINTED/TYPED         76 2046         SIGNATURE            NAME:         TEXAS I.D. NO.         PRINTED/TYPED         76 2046         2046         SIGNATURE            SIGNATURE 64, U.S.         Miles East of Ca         20. COMMENTS	rgency <u>one:</u> <b>TER (</b> NAME_ S. Hwy rlsbad	( CONTAC 2): Acknow y 62/18( , NM	RTER (2) T: wledgment of r D PHONE: ),	ecceipt of ma	DATE
R A N S P O R T E R S D F A C P I L S I S	16. TRANSPORTER (1) NAME: TRC TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: [6]U EMERGENCY PHONE: (432) 559 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME [1] SIGNATURE UI''C' Lea Land, LLC PERMIT NO. WM-01-035 - New Mez 21. DISPOSAL FACILITY'S CERTIFIC	- 32.94 of receipt of materia Cering DATE ADDRESS: M 30 Kico	17.         NAME:         TEXAS I.D. NO.         IN CASE OF EME         EMERGENCY PHO         19. TRANSPOH         PRINTED/TYPED         70 2016         SIGNATURE         ile Marker 64, U.S.         Miles East of Ca         20. COMMENTS         y certify that the above de	rgency <u>one:</u> <b>TER (</b> NAME_ S. Hwy rlsbad	2): Acknow 2): Acknow y 62/180 , NM	RTER (2) T: wledgment of r D PHONE: ),	eceipt of ma ATE 575-88 ⁴ is facility, th	DATE

	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MILES					XIC	0
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	. <b>ND, LLC</b> a city, ok 73106 • 1	PHONE (	405) 236-4	1257 - M	lari	$\hat{\mathbf{u}}$
NO	N-HAZARDOUS WASTE MANIFEST NO	114605	1. PA	GEOF	2. TRAII	LER NO.	m#1
	3. COMPANY NAME 4. ADDRESS				PICK-UP DATE		
$\mathbf{G}_{\mathbf{S}_{1},\mathbf{S}}$	Plains Pipeline: LP	ghway 214			6/8/2016 INRCC I.D. NO		
$\mathbf{E}^{i}$	(575):441-1098 Elizabeth (175):441-1098	er feler an fa <b>r X</b> araan et d	79	323			
en e ragiones	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
<≏ <b>N</b> ak	Non-Regulated Non Hazardous Waster	n a s <b>er</b> range by hydrod a gan.	nores <b>t</b> ion	r÷ CM≈		<u> </u>	
	b.						
Е	с.						
. Seta	dWT: TELAD ZI -OD ZE	- Do					
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	380			13. WASTE P	DOFU E N	
A	PLAINS COTTON DRAW STATION ULT "E"	-70 10	Main	$\overline{\mathcal{D}}$	15. WASTEF	COFILE IN	708588
	14. IN CASE OF EMERG	the second s	$\frac{1}{1}$				100000
Т	NAME PHONE NO	· · · · · · · · · · · · · · · · · · ·	<u>, cor</u>		24-HOUR	EMERGE	NCY NO.
44,04 (A <b>11</b> 44)	Kin Slaughter 575-887-4048	particular and a second s		a na ga yang mananan ya s	n an		
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable sta	l respects in proper con	ndition fo	r transport	by highway acc	ording to an	oplicable
R	PRINTED/TYPED NAME	SIGNATURE					DATE
				10 <b>1</b> - 100 - 20 000 000 00	and the second		
T R	16. TRANSPORTER (1)	17.	TR	ANSPO	RTER (2)		
A N	NAME: TRC	NAME:					
S	TEXAS I.D. NO.	TEXAS I.D. NO.					
P O	IN CASE OF EMERGENCY CONTACT: KUFT Stanley EMERGENCY PHONE: (432) 559-3294			CONTAC	2 <b>T</b> :		
R T	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material	EMERGENCY PHO 19. TRANSPOR		2): Ackno	wledgment of re	eceipt of ma	nterial
Е	PRINTED/TYPED NAME March 30 Mi open	PRINTED/TYPED	NAME				
R S	PRINTED/TYPED NAME March 30 MOTON SIGNATURE WARCIZO MARTE M	2016			_		
		SIGNATURE		CHICK MINISTER (10.57, 2012)		ATE	
	Lea Land, LLC ADDRESS: Mile	Marker 64, U.S	S. Hwv	v 62/180	PHONE:	575-887	7-4048
DF IA		liles East of Ca	•		- ,		
S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS					
OL SI AT	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby ca facility is authorized and permitted to receive such wastes.	ertify that the above de	scribed w	astes were			nat the
LY	AUTHORIZED SIGNATURE	CELL NO.		DATE	- 8/6/2016	TIM	Έ
24	ININHA JOnzaliz					<i>ID</i>	:25
GENER	NTOR: COPIES 1 & 6 DISPOSAL SITE	COPIES 2 & 3			TRANSPO	ORTERS: C	OPIES 4 & 5

	LEA LAND DIS MILE MARKER #64 US HW					ICO
	1300 WEST MAIN S		<b>ND, LLC</b> IA CITY, OK 73106 • 1	PHONE (405) 236-425	⁵⁷ Aa	ron's
NO	N-HAZARDOUS WASTE MANI	FEST NO	114606	1. PAGEOF	_ 2. TRAILE	RNO. 2511
	3. COMPANY NAME	4. ADDRESS		1	CK-UP DATE	and the second secon
et <b>G</b> are	Plains Ripeline, LP PHONE NO.	CITY	ighway 214		6/6/2016 RCC I.D. NO.	5
E	*(575)*441=1088**********************************					
	7. NAME OR DESCRIPTION OF WASTE SHIPP	ED:		8. CONTAINERS No. Type		0. UNIT 11. TEXAS Wt/Vol. WASTE ID #
$\mathbb{R}^{n}$	^a Non-Regulated, Non Hazardous Wa	stegatoriantesta	y, am franssau	crossing and GMO g		
	b.	····				
Е	с.					
V – patri	dWT 1/1/1 00.0	R ION	ຽດ			
R	12. COMMENTS OR SPECIAL INSTRUCTIONS	$0_{40}$	20			
A	PLAINS COTTON DRAW STATION		-1010	1	3. WASTE PRO	FILE NO. 708588
	14. IN C	ASE OF FMFDC	$\frac{1}{2} \frac{(\omega)}{(\omega)} \frac{1}{2} $	$\underline{\mathcal{O}}$	The second state and the second state of the second state of the second state of the second state of the second	
T	NAME	PHONE NO		L, CONTACT	24-HOUR EN	MERGENCY NO.
	n Kin Slaughter manager and anges and					
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	nd labeled, and are in a	ll respects in proper cor	dition for transport by	highway accord	ing to applicable
R	PRINTED/TYPED NAME		SIGNATURE			DATE
Т	16. TRANSPORTER (1)		17.	TRANSPOR	TER (2)	
R A	NAME: TRC		NAME:			
Ν	TEXAS I.D. NO.		TEXAS I.D. NO.			
S P	IN CASE OF EMERGENCY CONTACT: 1411	+ Stanley	IN CASE OF EMEI	RGENCY CONTACT:		
O R		- <u>3294</u>	EMERGENCY PHO			
T E	18. TRANSPORTER (1): Acknowledgment	1		TER (2): Acknowle	edgment of recei	ipt of material
R	PRINTED/TYPED NAME //G. 510 ///	tamidan o	PRINTED/TYPED	NAME		
S	SIGNATURE Alle Manna	DATE	SIGNATURE	••••••••••••••••••••••••••••••••••••••	DATI	E
		ADDRESS:			PHONE:	
DF	Lea Land, LLC		Marker 64, U.S	•	57	5-887-4048
I A S C	PERMIT NO.	<u>30 Iv</u>	Iiles East of Car         20. COMMENTS	lisbad, NM	<u>I</u>	
ΡΙ	WM-01-035 - New Mex	ico				
O L S I	21.DISPOSAL FACILITY'S CERTIFIC	ATION: I Hereby c	ertify that the above de	scribed wastes were de	livered to this fa	acility, that the
A T	facility is authorized and permitted to receive such w	vastes.	<del>n - <u>1999</u> goding dan sitasi a</del>	<del>n phine an </del>	8/8/2018	
* 1	AUTHORIZED SIGNATURE		CELL NO.	DATE		TIME
CENTER	LUMAN VIUNZC	iliz				10:30
GENERA	TOR: COPIES 1 & 6	BISPOSAL SITE			TRANSPORT	TERS: COPIES 4 & 5

i	LEA LAND DIS	POSA	L SITE	NI	EW	ME	XIC	0
	MILE MARKER #64 US HWY							-
	1300 WEST MAIN ST		<b>ND, LLC</b> a city, ok 73106 • 1	PHONE (	405) 236-4	257	I nīnr	)oIL
NO	N-HAZARDOUS WASTE MANIF	EST NO	114607	1. PA	GEOF_	2. TRAII	LER NOT	the
	3. COMPANY NAME	4. ADDRESS			5. F	PICK-UP DATE		04
G G	Plains Pipeline, LP	2530 State Hi CITY	ghway 214					
	PHONE NO. (575):441-1099		STATE SE Promoting			NRCC I.D. NC	).	
E	7. NAME OR DESCRIPTION OF WASTE SHIPPE	n New Brits and Alexandrian (NMBR) and Alexandrian A		8. CON	TAINERS	9. TOTAL	10. UNIT	
<b>N</b> e-3	Non-Regulated, Non Hazardous Wast	<b>e</b> nser astronom	ananan dara sa	No.	Type CM	QUANTITY	Wt/Vol.	WASTE ID #
1	<ul> <li>Second and a second statements of a second statement of a s second statement of a second statemen</li></ul>		· .		u transmanna Martines en la companya			
Е								
	c.							
R	4074D 41587	, 390	2D					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE P	ROFILE N	0.
А	PLAINS COTTON DRAW STATION L	JLT "E"	Q 122	24C	<b>)</b> Maskiji – P	× želi s		708588
	14. IN CAS		ENCY OR SPIL	L, CON	NTACT			
$\mathbf{T}_{\mathbf{r},\mathbf{r},\mathbf{r},\mathbf{r}}$	name * Kin Slaughten waard dat in the set of the set	PHONE NO 575-887-4048	May _{er}			24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: 1 shipping name and are classified, packed, marked, and international and national government regulations, inc	Hereby declare that labeled, and are in all	the contents of this con l respects in proper cor	dition fo	r transport	by highway acc	ording to ar	pplicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
Т	16. TRANSPORTER (1)		17.	TR	ANSPO	RTER (2)	*****	
R A	NAME:		NAME:					
Ν	TEXAS I.D. NO.		TEXAS I.D. NO.					
S P	IN CASE OF EMERGENCY CONTACT: HUF+	Stanley	IN CASE OF EME	RGENCY	CONTAC	T:		
O R	EMERGENCY PHONE: $(432)$ 559-	3294	EMERGENCY PHO					
Т	18. TRANSPORTER (1): Acknowledgment of	()	19. TRANSPOR	,		-	•	nterial
E R	PRINTED/TYPED NAME THOS	6/6	PRINTED/TYPED	NAME_				
S	SIGNATURE XCA	DATE	SIGNATURE			DA	ATE	
		ADDRESS:				PHONE:		
DF	Lea Land, LLC		Marker 64, U.S	•		),	575-887	7-4048
I A	PERMIT NO.	<u> </u>	liles East of Car 20. COMMENTS	Isbad,	NM	<u> </u>		
S C P I	WM-01-035 - New Mexic	co	20. COMMENTS					
OL SI AT	21. DISPOSAL FACILITY'S CERTIFICA facility is authorized and permitted to receive such was	TION: I Hereby co stes.	ertify that the above de	scribed w	astes were	de <b>6/8/2001.6</b> i	s facility, th	at the
TV	AUTHORIZED SIGNATURE	Δ	CELL NO.		DATE		TIM	E
	Montal Nonari	len,			1,11	,12011	p 10	35
GENERA	ATOR: COPIES 1 & 6	DISPOSAL SITE	COPIES 2 & 3		<u></u>	TRANSPO	RTERS: C	OPIES 4 & 5
		V ^^i	NV 1					
3	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MILE					XIC	0	
-------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------	---------------	------------------------------------------------------------------------------------------------------------------	----------------------	-------------------------------------------	-------------------------	
	LEA L. 1300 WEST MAIN STREET • OKLAHO	AND, LLC MA CITY, OK 73106 •	PHONE (	405) 236-4	1257	iñt	nez	
NO	N-HAZARDOUS WASTE MANIFEST NO	114609	1. PA	GEOF	2. TRAII	LER NO.Ŧ	‡03	
<b>G</b> .,	3. COMPANY NAME 4. ADDRESS			1	PICK-UP DATE			
1.10	Plains Pipeline EPara and a constant of the second	Highway 214 STATE		L	6/6/2016			
<b>. .</b>	(575)-441-1099	Selection and the Astronomy and the Ast		12	<b>.</b>		<b>.</b>	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	ψe.	8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
.≈. <b>№</b> ≈.	^a Non-Regulated: Non-Hazardous-Waster recommendent to	. 1 Alton (1995), con common con activity, com o	1 <b>1</b>	CM.				
	b.							
Е	с.							
R	dwr ZIN/ IN 2MOND							
	12. COMMENTS OR SPECIAL INSTRUCTIONS:				13. WASTE P	ROFILE N	0.	
А	PLAINS COTTON DRAW STATION ULT "E	-TG) 1	451	5	and a second		708588	
	14. IN CASE OF EMER	GENCY OR SPIL	L, CON	VTACT		er en		
<b></b>	NAME PHONE NO Kin Slaughter	1 <b>8</b> 8655		• •	24-HOUR	EMERGE	NCY NO.	
0	15.GENERATOR'S CERTIFICATION: I Hereby declare the shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicable	at the contents of this co all respects in proper co	ndition for	r transport	by highway acc	ording to an	oplicable	
R	PRINTED/TYPED NAME	SIGNATURE					DATE	
T R	16. TRANSPORTER (1)	17.	TR	ANSPO	RTER (2)			
A		NAME:						
N S	TEXAS I.D. NO.	TEXAS I.D. NO.						
P O	IN CASE OF EMERGENCY CONTACT: HURT Stan-	IN CASE OF EME	RGENCY	CONTAC	T:			
R	EMERGENCY PHONE (4.32) 559- 32.94 18 TRANSPORTER (1): Acknowledgment of receipt of materia	EMERGENCY PHO 19. TRANSPOR		2): Acknow	wledgment of re	ceint of ma	iterial	
T E				•		oonpe or me	ionar	
R S		6/2016	NAME _	·····				
	SIGNATURE AND CATE 60/16	SIGNATURE			D	ATE		
	Lea Land, LLC ADDRESS:	le Marker 64, U.S	S Hur	767/190	PHONE:	575-887	7 4049	
DF	-	Miles East of Ca	-		,	00-01	-4040	
I A S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS						
OL SI AT	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby facility is authorized and permitted to receive such wastes.	certify that the above de					at the	
LY	AUTHORIZED SIGNATURE	CELL NO.		DATE	1 20 <i>11</i>		е (47)	
GENERA	for: Copies 1 & 6	TE: COPIES 2 & 3		territoria de la constante de la	TRANSPO	RTERS: C	OPIES 4 & 5	

1	LEA LAND DIS MILE MARKER #64 US HW						XIC	20
		LEA L	<b>AND, LLC</b> MA CITY, OK 73106 • 1		********	$\wedge$	rin	)
NO	N-HAZARDOUS WASTE MANII	EST NO	114610	1. PA	GEOF_	2. TRAI	LER NO.	<b>第11</b> 1
းြေးန	3. COMPANY NAME	4. ADDRESS 2530 State	and the second second	1	. Philippine and a second	ICK-UP DATE	<b>İ</b> st _{i -}	
· · · · · · · · · · · · · · · · · · ·	1107517444-1099 and second	Denver City	STATE Selatore TX - enter equin the c		ZIP 6. T 323	NRCC I.D. NO	).	
	7. NAME OR DESCRIPTION OF WASTE SHIPP			8. CON No.	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	a. Non-Regulated, Non-Hazardous-Mat a		San-Antista oregen de Nationalage en a	T THE TOTAL	Type Clvin	4 1		
Е	b. c.							
an araba								
R	<u>40060 38,44</u>	10 4	D, OLeD					L
A	12. COMMENTS OR SPECIAL INSTRUCTIONS PLAINS COTTON DRAW STATION		Ta 118:	58Č	size alto act	13. WASTE P		0. 708588
• <b>T</b> ess	NAME KinsSlaughtersenseterenterseteren ober		GENCY OR SPIL	L, CON	NTACT	24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, and are in	all respects in proper con	idition fo	r transport h	ov highway acc	ording to a	nnlicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
T	16. TRANSPORTER (1)		17.	TR	ANSPOI	RTER (2)		
R A	NAME:		NAME:					
N S	TEXAS I.D. NO.		TEXAS I.D. NO.					
P O	IN CASE OF EMERGENCY CONTACT: HUF		IN CASE OF EME	RGENCY	CONTAC	Г:		
R	EMERGENCY PHONE: (432) 5:59	<u>.3294</u>	EMERGENCY PHO		2): Acknow	vledgment of re	ceipt of m	aterial
T E D		, - ,	6 20 RENTED/TYPED			-	•	
R S	signature for Clate	DATE					ATE	
	Ŷ	ADDRESS:		Alladaicteachaichean		PHONE:		
DF	Lea Land, LLC		le Marker 64, U.S Miles East of Car	-		,	575-883	7-4048
I A S C	PERMIT NO.		20. COMMENTS	usuau,	TATAT		·····	
PI OL	WM-01-035 - New Mex	ico						
SI AT	21.DISPOSAL FACILITY'S CERTIFIC. facility is authorized and permitted to receive such w	ATION: I Hereby astes.	certify that the above de	scribed w	astes were o	delivered to thi	s facility, th	hat the
LY	AUTHORIZED SIGNATURE	laller	CELL NO.	~ <u>~~~~</u>	DATE	Inal		ιε ` λ <<
- N I	フルイオルトバワー ヘノ ルボイン	TYV12			1 ( 0//	al 7/11		1 (1)

	LEA LAND DIS MILE MARKER #64 US HW						XIC	0
	1300 WEST MAIN S		<b>ND, LLC</b> MA CITY, OK 73106 •	PHONE (	405) 236-	4257	เกิก	nes
NO	N-HAZARDOUS WASTE MANII	FEST NO	114620	1. PA	GEOF	7 2. TRAII	LER NO.	ED3
G	3. COMPANY NAME	4. ADDRESS	1:_h			PICK-UP DATE		
- <b>U</b> -se	Plains Pipeline, LRassesson or Adams and association of the second statement o		ngriway 21400000 STATE			TNRCC I.D. NC	!	
n - Maria F Regio	(575):444-1089 (Markov and Arabian Arabian)	Denver City		uetos <b>79</b>	323	Intee I.D. Ne		
	7. NAME OR DESCRIPTION OF WASTE SHIPP				TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
Ň	a.Non-Regulated, Non Hazardous Wa	ste	an an an the Contract of the second strength	an - <b>A</b> l Cal	E CM	1. 7	WD VOI.	WASTE ID #
	b.							
Е	c.							
an ang	awinz Ar Ar							
R	_ 31,540							
	12. COMMENTS OR SPECIAL INSTRUCTIONS PLAINS COTTON DRAW STATION		u, talar kasa ananarana sara siya ta	lang berna		13. WASTE P		
A								
T			GENCY OR SPIL	L, CON	TACT	24-HOUR	EMERGEN	
T ₍₂₆₎	NAME FKiniSlaughter organiskaskaskaskaskaska Constantio Marke Ministrationer	575-887-404	<b>3</b> ***			2+11001	LINERCOLI	NOT INO.
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, ar international and national government regulations, in	nd labeled, and are in a	all respects in proper con	ndition for	r transport	t by highway acc	ording to ar	nlicable
R	PRINTED/TYPED NAME	<u></u>	SIGNATURE					DATE
T R	16. TRANSPORTER (1)		17.	TR	ANSPO	ORTER (2)		
Α	NAME:		NAME:					
N S	TEXAS I.D. NO.	Kurt Stanley	TEXAS I.D. NO.					
Р	IN CASE OF EMERGENCY CONTACT:	(432),559-32	3 IN CASE OF EME	RGENCY	CONTAC	CT:		
O R	EMERGENCY PHONE:		EMERGENCY PHO					
T E	18. TRANSPORTER (1): Acknowledgment of	X	19. TRANSPOF			-	-	terial
R	PRINTED/TYPED NAME	- CXVIN EVE	20 RENTED/TYPED	NAME _				
S	SIGNATURE CALL	DATE	SIGNATURE				ATE	
		ADDRESS:				PHONE:		
DF	Lea Land, LLC		Marker 64, U.S			0,	575-887	/-4048
I A	PERMIT NO.	<u>30 N</u>	Ailes East of Ca 20. COMMENTS	rlsbad,	NM			
S C P I	WM-01-035 - New Mex	ico	20. COMIVIENTS					
OL SI AT	21. DISPOSAL FACILITY'S CERTIFIC. facility is authorized and permitted to receive such w	astes.	certify that the above de					at the
LY	AUTHORIZED SIGNATURE	A	CELL NO.	<u></u>	DATE		TIM	E
8	Mintal Inna	aliz.					4	$\mathcal{D}$
GENERA	ATOR: COPIES 1 & 6	DISEOSAL SITE	E: COPIES 2 & 3			TRANSPO	RTERS: CO	OPIES 4 & 5

;	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 · 30 MILES					XIC	0
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	ND, LLC	PHONE (4	05) 236-42	57 AAV	nn-	4
NO	N-HAZARDOUS WASTE MANIFEST NO	114624	1. PAC	E_OF_	$-\frac{f_{1}}{2}$ 2. TRAILI	ER NO.	251
G ĸ	3. COMPANY NAME Plains Pipeline, LP 2530 State H	ighway 214	et s i tan a sa s	5. PI	ICK-UP DATE		<u> </u>
teren en	PHONE NO. (575) 441–1099	STATE	2 793	CIP 6. TI 323	NRCC I.D. NO.		
E	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONT		1	10. UNIT	11. TEXAS
Ň	a.Non-Regulated, Non-Hazardous-Wastewicz webbindus- in of the statement of the	an an the second second second	No.	Type CM	QUANTITY	Wt/Vol.	WASTE ID #
Е	b. 41,540						
R	× 37700 42.780 391	3477					
* A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E"		018	15	13. WASTE PR	OFILE NO	D. 170 <b>8588</b> aka
- <b>T</b>	14. IN CASE OF EMERC NAME Slaughter		<i>Ψ Γ, Δ</i> ( L, CON	TACT	24-HOUR E	MERGEN	ICY NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable sta	the contents of this con ll respects in proper cor	idition for	transport b	y highway accor	ding to an	nlicable
R	PRINTED/TYPED NAME	SIGNATURE	H				DATE
T	16. TRANSPORTER (1)	17.	TRA	ANSPOR	RTER (2)	545-245 <b>4</b> -1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
R	NAME:	NAME:					
N S	TEXAS I.D. NO. Kurt-Stanley	TEXAS I.D. NO.					
Р	IN CASE OF EMERGENCY CONTACT: (432) 559-329	³ IN CASE OF EMER	RGENCY	CONTACT	:		
O R	EMERGENCY PHONE:	EMERGENCY PHO					
Т	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPOR	TER (2	): Acknow	ledgment of reco	eipt of mai	terial
E R	PRINTED/TYPED NAME H- Che'er 617	201101120/TYPED	NAME				
S	SIGNATURE Lugichony DATE	SIGNATURE			DAT	Е	
	ADDRESS:				PHONE:		
DF		Marker 64, U.S files East of Car		,	5	75-887	-4048
I A S C P I	permit no. WM-01-035 - New Mexico	20. COMMENTS			• • • • • • • • • • • • • • • • • • •		
OL SI AT	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby c facility is authorized and permitted to receive such wastes.	ertify that the above des	scribed wa	stes were d	elivered to this	facility, the	at the
T V	AUTHORIZED SIGNATURE	CELL'NO.	( teacheanthraice	DATE	6/7/2016	TIME	E AL
GENERA	TOR: COPIES 1 & 6	: COPIES 2 & 3			TRANSPOR	TERS: CC	UPIES 4 & 5

-

3	LEA LAND DIS MILE MARKER #64 US HW						XIC	0
	1300 WEST MAIN S		AND, LLC MA CITY, OK 73106 • 1	PHÓNE (	405) 236-4	257	stil	10
NO	N-HAZARDOUS WASTE MANII	FEST NO	114625	1. PA	GEOF_	2. TRAI	ler no. 🛱	#N8
G	3. COMPANY NAME	4. ADDRESS	Highway 214			PICK-UP DATE		
G	Plains Pipeline EP to a second statement of the Phone No.	CITY	STATE		ZIP 6.T	8/7/2016		
:	( <b>575) 441–1099</b>	Denver City	ladada yanarata <b>TeX</b> isa asiyoyo - 1989	акары ( <b>79</b>	323			
	7. NAME OR DESCRIPTION OF WASTE SHIPP	·		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
ni de persona N	a Non-Regulated, Non Hazardous Wa	216 ³ COLORADORADOR	an a	2011 y 1	ÊM	2000000		
	· 38910							
Е	c.							
ay it was	d.WT ZIDDA DO DO	7	1 - 00					
R	12. COMMENTS OR SPECIAL INSTRUCTIONS	<u>V 3'</u>	1,580					
A	PLAINS COTTON DRAW STATION	•		an porto	- Marianan	13. WASTE P		
А	14. IN C		(a) 149'	$\frac{1}{1}$			anna a she in 20 may ka ka ka sa	
i <b>T</b> érri	NAME KiniSlaughter		<u>GENCY OR SPIL</u>	L, COr	TACI	24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, ar international and national government regulations, in	nd labeled, and are in	all respects in proper con	ndition fo	r transport	by highway acc	ording to ar	onlicable
R	PRINTED/TYPED NAME		SIGNATURE		ı			DATE
Т	16. TRANSPORTER (1)	W521874.029974.099974.099974.099974.099974.09974	17.	TR	ANSPO	RTER (2)		
R A	NAME:		NAME:					
Ν	TEXAS I.D. NO.		TEXAS I.D. NO.					
S P			93 IN CASE OF EME	RGENCY	CONTAC	T:		
O R	EMERGENCY PHONE:		EMERGENCY PHO					
Т	18. TRANSPORTER (1): Acknowledgment of	-				-	•	
E R	PRINTED/TYPED NAME TUANN	<u> \$110 8/</u>	7/20180NTED/TYPED	NAME _				
S	SIGNATURE	DATE	SIGNATURE			D	ATE	
	A CA	ADDRESS:		ii (Manani na congolo)		PHONE:		
DF	Lea Land, LLC		le Marker 64, U.S	-		,	575-887	7-4048
ΙΑ	PERMIT NO.	30	Miles East of Ca	rlsbad,	NM			
S C P I O L	WM-01-035 - New Mex	ico	20. COMMENTS					
S I A T	21. <b>DISPOSAL FACILITY'S CERTIFIC</b> facility is authorized and permitted to receive such w	ATION: I Hereby vastes.	certify that the above de	scribed w	astes were	delivered to thi	s facility, th	at the
LY	AUTHORIZED SIGNATURE	innen en eneretan Zi	CELL NO.	gatasurre	DATE	6/7/2018	TIM Q	e 'DD
GENER	ATOR: COPIES 1 & 6	DISPOSAL SI	E: COPIES 2 & 3			TRANSPO	RTERS: CO	OPIES 4 & 5

, ,	LEA LAND DISPOSA	L SITE	NI	R W	ME	XIC	10
	MILE MARKER #64 US HWY 62/180 • 30 MILE:						ý V
	LEA LA 1300 WEST MAIN STREET • OKLAHON	<b>ND, LLC</b> MA CITY, OK 73106 • F	PHONE (	405) 236-4	257	lari	n
NO	N-HAZARDOUS WASTE MANIFEST NO	114626	1. PA	GEOF_	2. TRA1	LER NO.	M-1
Ğ	3. COMPANY NAME Plains Pipeline, LP	lighway:214	an ta	S. I	PICK HP DATI		
., ,a * 3002 <b>E</b>	PHONE NO -(575) 441–1099 Control of the second seco	STATE STATE States of TX and states of the s	e se <b>79</b>	323 6. 1	NRCC I.D. NO	).	
Litere	7. NAME OR DESCRIPTION OF WASTE SHIPPED: Non-Regulated, Non-Hazardous-Waste	ಬ್ರಕ್ಷ ಬ್ರಕ್ಷ ಸ್ಪಾರ ಹಿಡುಗಳು ಪ್ರತಿಗೊಳಿಸುತ್ತ	8. CON N <b>q</b> ,	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	a. 3.35,580	inne a leve Martin and a contraction of the State					
Е	b. ,						
in serie	с.						
R	" 36860 38980 .3	0.BUD					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: REAINS COTTON DRAW STATION ULT "E"	a lodiachair fhaochraidhean	y it in a	er tradestationes Tradestationes	13. WASTE P	ROFILE N	0. 7 <b>08588</b>
A	14. IN CASE OF EMER	Ta 14	187	<u>60</u>	1727 Martin and Photo State Sciences Stat		
T	NAME Slaughter		L, COr	MACT	24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicable st	all respects in proper cor	idition fo	r transport	by highway acc	ording to a	oplicable
R	PRINTED/TYPED NAME	SIGNATURE	*****				DATE
T	16. TRANSPORTER (1)	17.	TR	ANSPO	RTER (2)		
R A	NAME:	NAME:					
N S	TEXAS I.D. NO. Kurt-Stanley	v laz.					
P O	IN CASE OF EMERGENCY CONTACT: (432) 559-32	IN CASE OF EMEN		CONTAC	T:		
R T	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material	EMERGENCY PHO 19. TRANSPOR		2): Acknow	vledgment of re	eceipt of ma	aterial
E R	PRINTED/TYPED NAME NARCIZO MARIN BE	20716NTED/TYPED	NAME				
s	SIGNATURE MOWLATE	SIGNATURE				ATE	
	ADDRESS:				PHONE:		
DF		e Marker 64, U.S Miles East of Car	-		),	575-887	7-4048
I A S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	150000				
A T	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby facility is authorized and permitted to receive such wastes.	certify that the above des	scribed w	astes were	delivered to thi	s facility, tł	nat the
LY	AUTHORIZED SIGNATURE	CELLINO	Rept Holds	non <b>DATE</b> (	6/7/2016	G TIM	_Е Д5
JENER ⁷	TOR: COPIES 1 & 6	E: COPIES 2 & 3		L	TRANSPO	ORTERS: C	OPIES 4 & 5

,	LEA LAND DISPOSA	I. SITF	NI			VIC	'n
	MILE MARKER #64 US HWY 62/180 • 30 MILES	EAST OF CARLSBA	□ <b>□ □</b> D, NM • P	└ <b>/</b> ♥♥ HONE (57	<b>م نام الا ۷</b> 887-4048 (75		U.
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	ND, LLC A CITY, OK 73106 • 1	PHONE (4	105) 236-4	257 AI	ar Dr	<u>) ج</u>
NOI	N-HAZARDOUS WASTE MANIFEST NO	114627	1. PA	GEOF_	2. TRAI	LER NO.	257
• <b>G</b> : *	3. COMPANY NAME       4. ADDRESS         Plains Pipeline, LP       2530 State Hi         PHONE NO.       CITY	ghway 214 second STATE		gaan bir.	· · · · ·	Beat.	<u></u>
r for ar		esteniarian <b>TX</b> states of s			NRCC I.D. NO	).	
Ň	7. NAME OR DESCRIPTION OF WASTE SHIPPED: a.Non-Regulated Non Hazardous Waste	Alto o to to to to the second of	8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
1	^{πο} λογικό το μετρήμετα με ποληγοριθμο πόματα μεταγβάζητατα το παρατικό το βάρτημα το βράγορβα το το το το το το b.			14 ₆ .2			
Е	C.						
R	^{dw1} 40180 40,580						
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT."E	Ta, 8	507	$\mathcal{T}$	13. WASTE P		o. 708588
. <b>T</b> roc	14. IN CASE OF EMERG NAME PHONE NO Kin Slaught	· ·	L, CON	TACT	24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable sta	l respects in proper con	ndition for	transport	by highway acc	ording to a	onlicable
R	PRINTED/TYPED NAME	SIGNATURE					DATE
T R A N S P O		17. NAME: TEXAS I.D. NO. 3, IN CASE OF EME:	RGENCY		<b>RTER (2)</b> T:		
R T E R		EMERGENCY PHO 19. TRANSPOF 20100000000000000000000000000000000000	RTER (2	2): Acknow	wledgment of re	eceipt of ma	aterial
S	SIGNATURE STATE	SIGNATURE			D	ATE	
DF		Marker 64, U.S liles East of Ca	-		), PHONE:	575-887	7-4048
I A S C P I O L	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS					
S I A T	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby ca facility is authorized and permitted to receive such wastes.	ertify that the above de	scribed w	astes were	delivered to thi	s facility, th	nat the
¥.	AUTIORIZED SIGNATURE	A STATE OF THE OWNER	las. Mu socialis	DATE	- 6/7/2016		 1.05
ENERA	TOR: COPIES 1 & 6 / DISPOSAL SITE	: COPIES 2 & 3			TRANSPC	RTERS: C	OPIES 4 & 5

,	LEA LAND DIS MILE MARKER #64 US HW						XIC	<b>O</b>
	1300 WEST MAIN S		<b>ND, LLC</b> (A CITY, OK 73106 •	PHONE (	(405) 236-4	257 H	đ L	
NO	N-HAZARDOUS WASTE MANII		114628	1. PA	GEOF_	2. TRAI	LER NO.	#D2
G	COMPANY NAME Plains Pipeline, LP	4253075fSte H	ighway 214	North Anna States (	2.000 <b>5.</b> F	PICK6H7/20T	Station and States	an the second gradient of the Construction of the
i di deerte tori, tëpit <b>E</b>	P(575) X91-1099	CHY Denver City	STATE			NRCC I.D. NO	).	
17.18 <b>4</b> .28	7. NAME OR DESCRIPTION OF WASTE SHIPP	ED:		1	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	$a_{39000}$			2	<u></u>	QOMUTIT		WASTE ID #
E	с.							
anta en R	a ZOBAD ANDRE	) 1000	~					
K	12. COMMENTS OR SPECIAL INSTRUCTIONS	42,20	0			13. WASTE P	POFILE N	
Α	RLAINS COTTON DRAW STATION	UDTe"EXania (second	-Ta 1	619	80	I.S. WASTEF	KOFILE IN Géneral Bros	
•••• <b>T</b> _	14. IN CA		ENCY OR SPIL	.L, ĊON	VTACT	24-HOUR	EMERGEN	NCY NO.
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, and are in a	ll respects in proper co	ndition fo	r transport l	w highway acc	ording to ar	nlicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
T	16. TRANSPORTER (1)		17.	TR	ANSPO	RTER (2)		
R A	NAME:		NAME:					
N S	TEXAS I.D. NO.	Kurt Stanley	TEXAS I.D. NO.					
Р	IN CASE OF EMERGENCY CONTACT:	(432) 559-329	3 IN CASE OF EME	RGENCY	CONTAC	Г:		
O R	EMERGENCY PHONE:		EMERGENCY PH	ONE:		·····		
Т	18. TRANSPORTER (1): Acknowledgment c	i i	19. TRANSPOF	RTER (2	2): Acknov	vledgment of re	ceipt of ma	terial
E R	PRINTED/TYPED NAME	2 JUARE TO	20 RINTED/TYPED	NAME_			····	
S	SIGNATURE Cherry	DATE	SIGNATURE			DA	<b>ATE</b>	
		ADDRESS:		Xarace a mini operation b		PHONE:		
DF	Lea Land, LLC		Marker 64, U.S	-		,	575-887	-4048
ΙΑ	PERMIT NO.		liles East of Ca	rlsbad,	NM			
S C P I O L	WM-01-035 - New Mex		20. COMMENTS					
S I A T	21.DISPOSAL FACILITY'S CERTIFIC, facility is authorized and permitted to receive such w	ATION: I Hereby co astes.	ertify that the above de	escribed w	astes were	delivered to this	s facility, th	at the
LY	authorized signature	rliz	CELL NO.		DATE	6/7/2016	TIMI G	E. ID
GENER	ATOR: COPIES 1 & 6	DISPOSAL SITE	COPIES 2 & 3			TRANSPO	RTERS: CO	OPIES 4 & 5

COPY 1

,	LEA LAND DISPO MILE MARKER #64 US HWY 62/180						XIC	<b>'O</b>
	LF 1300 WEST MAIN STREET •		<b>ND, LLC</b> (A CITY, OK 73106 •	PHONE (4	05) 236-4	257	erin	10
NO	N-HAZARDOUS WASTE MANIFEST	NO	114629	1. PAG	EOF_	2. TRAI	LER NO.	D-11
G	3. COMPANY NAME 4. ADD Plains Pipeline LP		ighway 214 marao			ICK-UP DATE		
	PHONE NO.	ng ta sang ng tang tang tang tang tang tang tan	STATE	Z	IP 6. T	NRCC I.D. NO		<u></u>
E ·	6 (575):444-1098	∕er City	eranan <b>TX</b> anan de	793	23			
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:			8. CONT. No. 1	AINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/VoI.	11. TEXAS WASTE ID #
$\overset{\mathrm{opt}}{\mathbf{N}}$	aNon-Regulated, Non Hazardous Waster	an a	n) i friter provinsi op nom programme	: <b>1</b>	⊂ ĈM⊚	·. (		
	· 40080			++				
Е	<u>с.</u>							
11 AMA	WTO AN 220	20	~ [m]	┼──┼				
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	_30,	580			13. WASTE P		
A	PLAINS COTTON DRAW STATION ULT "E	Researce of	17151	9-1	7	Galesanaaa	KOFILE N	0. 708588
	14. IN CASE OF	EMERG	ENCY OR SPIL	$\frac{1}{1}$				
T. S.	NAME PHON Kin Slaughter 575-8	E NO	······································			24-HOUR	EMERGEN	NCY NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby shipping name and are classified, packed, marked, and labeled, international and national government regulations, including approximation of the second	and are in a	ll respects in proper con	ndition for	transnort l	w highway acc	ording to ar	nlicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
T	16. TRANSPORTER (1)		17.	TRA	NSPOI	RTER (2)		
R	NAME:		NAME:	I IC.		(12)		
A N	TEXAS LD NO	_	TEXAS I.D. NO.					
S P	IN CASE OF EMERGENCY CONTACT:		3 IN CASE OF EME	RGENCY (	CONTAC	۲·		
O	EMERGENCY PHONE:	ana Kanasini seta tang	EMERGENCY PHO			-,		
R T	18. TRANSPORTER (1): Acknowledgment of receipt of		19. TRANSPOF	• • •		-	ceipt of ma	iterial
E R	PRINTED/TYPED NAME	_D 6/7	20 RONTED/TYPED	NAME				
S	SIGNATURE JUNN DCCTZIDATE		SIGNATURE				ATE	
	ADDR	ESS:				PHONE:		
ЪΕ	Lea Land, LLC	Mile	Marker 64, U.S	S. Hwy	62/180		575-887	7-4048
D F I A			files East of Ca	rlsbad, 1	NM			
SC PI OL	WM-01-035 - New Mexico		20. COMMENTS					
S I A T	21. DISPOSAL FACILITY'S CERTIFICATION: facility is authorized and permitted to receive such wastes.	I Hereby co	ertify that the above de	scribed was	stes were (	delivered to this	s facility, th	at the
LY	AUTHORIZED SIGNATURE	n tet kaja na na na kaja sija. Li	CEEL NO. Marsurger	derle propriotorie -	DATE	6/7/2016	тім	E 15
GENER	ITOR: COPIES 1 & 6	OSAL SITE	: COPIES 2 & 3			TRANSPO	RTERS: CO	OPIES 4 & 5

	MILE MARKER #64 US HWY 62/180 •	30 MILES EAST OF CAR	ENI LSBAD, NM • P		5) 887-4048					
	$\mathbf{LE}$ 1300 WEST MAIN STREET • C	A LAND, LL DKLAHOMA CITY, OK 73		405) 236-42	57 DI	Uĥ	Dnes			
NO	N-HAZARDOUS WASTE MANIFEST	NO 11463	0 1. PAG	GEOF	_ 2. TRAI	LER NO.	#D3			
^{el} G ^o	3. COMPANY NAME Plains Pipeline: 2530 PHONE NO.	State Highway 214	an guine ann an Anna a An Anna an Anna	an transformer in 1993 An an	CK-UP DATE 8/7/2010	₿ ^a rc				
n negata Na Étata	- ak(575)×44:1+1099==================================	STATE er City		323 ₍ .)	NRCC I.D. NO					
N N	7. NAME OR DESCRIPTION OF WASTE SHIPPED: a. Non-Regulated, Non-Hazardous Waste	in a graden and an and been walked	8. CON No.	TAINERS Type CM	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID			
Е	* 37,880									
	WT 37480 38420	ADQ7D								
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E	hu <u>nn</u> Ta'l	52101	20	13. WASTE P	ROFILE N	0. 			
Т	14.       IN CASE OF EMERGENCY OR SPILL, CONTACT         NAME NINESlaughter       BHB-BSY-4048         24-HOUR EMERGENCY NO.									
0	15.GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations, and are the same materials previously approved by LEA LAN									
R	PRINTED/TYPED NAME	SIGNATURE					DATE			
T R A	16. TRANSPORTER (1) NAME:	17. NAME:	TR	ANSPOR	TER (2)					
N S P	TEXAS I.D. NO. Kurt IN CASE OF EMERGENCY CONTACT: (432)	Stanley TEXAS I.D. 1 559-3293 IN CASE OF		CONTACT	:					
N S	IN CASE OF EMERGENCY CONTACT: (432). EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt o	559-3293 IN CASE OF EMERGENC f material 19. TRANS	EMERGENCY <u>Y PHONE:</u> PORTER (2	2): Acknowl	ledgment of re	-				
N S P O R T	IN CASE OF EMERGENCY CONTACT: (432) EMERGENCY PHONE:	559-3293 IN CASE OF EMERGENC f material 19. TRANS 6/7/2016NTED/TY	EMERGENCY <u>Y PHONE:</u> PORTER (2	2): Acknowl	ledgment of re	-				
N S P O R T E R S D F	IN CASE OF EMERGENCY CONTACT: (432) EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt o PRINTED/TYPED NAME NOC SoT O	559-3293 IN CASE OF <u>EMERGENC</u> f material 19. <b>TRANS</b> 6/7 20980NTED/TY SIGNATURE ESS: Mile Marker 64	EMERGENCY <u>Y PHONE:</u> PORTER (2 (PED NAME) , U.S. Hwy	2): Acknowl	ledgment of re D/ PHONE:	-				
N S P O R T E R S D F I A C P I	IN CASE OF EMERGENCY CONTACT: (432) EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt o PRINTED/TYPED NAME NOE SOTO SIGNATURE MATE DATE ADDR	559-3293 IN CASE OF EMERGENC f material 19. TRANS 6/7 2016 NTED/TY SIGNATURE ESS:	EMERGENCY <u>Y PHONE:</u> PORTER (2 (PED NAME) , U.S. Hwy f Carlsbad,	2): Acknowl	ledgment of re D/ PHONE:	ATE				
N S P O R T E R S D F I A S C	IN CASE OF EMERGENCY CONTACT: (432) EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt o PRINTED/TYPED NAME NOE SOTO SIGNATURE ADDE Lea Land, LLC ADDRI PERMIT NO.	559-3293 IN CASE OF EMERGENC f material 19. TRANS 6/7 20MENTED/TY SIGNATURE ESS: Mile Marker 64 30 Miles East of 20. COMMENT	EMERGENCY <u>Y PHONE:</u> PORTER (2 (PED NAME	62/180,	PHONE:	ATE 575-887	7-4048			

<u>MANV 1</u>

	MILE MARKER #64 US HWY 62/180 • 30 MILES	EAST OF CARLSBA	D, NM • I	PHONE (5'	75) 887-4048		0
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	<b>ND, LLC</b> 14 CITY, OK 73106 • 1	PHONE (	405) 236-4	257	ndi	hes
NO	N-HAZARDOUS WASTE MANIFEST NO	114631	1. PA	GEOF_	2. TRAII	LER NO.	# 04
G	3. COMPANY NAME 4. ADDRESS	ighway 214	ng sa salata		PICK-UP DATE 6/7/2010		
Ē	PHONE NO. (575) 441–1099	STATE STATE	otraș <b>79</b>	ZIP 6. T 323	NRCC I.D. NO	).	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON Ng.	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	^a A state of the second s	an a			QUANTIT		WASTEID
E	^b 40,5(0						
eritt.	c.						
R	37820 40420 37.41	<u> 0</u> 1					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E"	2.子别人的爱尔曼被感激消。 	e materia e	istatika ata i	13. WASTE P	ROFILE N	0. 708588
A		TQ 15(	1,7	ID.	-		
T a	14. IN CASE OF EMERO NAME Kin Slaughter		L, CON	TACT	24-HOUR	EMERGEI	NCY NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable sta	Il respects in proper cor	ndition for	r transnort l	by highway acc	ording to ar	nticable
R	PRINTED/TYPED NAME	SIGNATURE					DATE
T	16. TRANSPORTER (1)	17.	TR	ANSPO	RTER (2)		
R A	NAME:	NAME:					
N S	TEXAS I.D. NO. Kurt-Stanley:	TEXAS I.D. NO.					
P O	IN CASE OF EMERGENCY CONTACT: (432) 559-329	B IN CASE OF EME	RGENCY	CONTAC	T:		
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material	EMERGENCY PHO		2). Acknow	vledgment of re	ceint of ma	terial
T E		S 20180NTED/TYPED			roughtent of re	copt of ma	
R S	SIGNATURE X AND DATE OG -2-				DA	<u>NTE</u>	
	ADDRESS:				PHONE:		
F		Marker 64, U.S	-		,	575-887	-4048
Α	PERMIT NO.	Illes East of Car         20. COMMENTS	isoau,				<u></u>
$\mathbf{C}$	WM-01-035 - New Mexico						
C I I							
I L I	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby c facility is authorized and permitted to receive such wastes.	ertify that the above des	scribed w	astes were	delivered to this	s facility, th	at the

⁰⁰⁰V 1

	LEA LA 1300 WEST MAIN STREET • OKLAHOI	AND, LLC MA CITY, OK 73106 •	PHONE (405) 23	6-4257	st:	ĺΪĎ
NOI	N-HAZARDOUS WASTE MANIFEST NO	114639	1. PAGE	OF 2. TRAI	LER NO.	IR
<b>C</b>	3. COMPANY NAME 4. ADDRESS	5. Marine 1. Jacob Contractor and Contractor Contractor Contractor Contractor Contractor Contractor Contractor		5. PICK-UP DAT		
Geo attaca E	PHONE NO.	lighway 214 STATE TX	ZIP	6. TNRCC I.D. NO		
Ľ	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAINE		10. UNIT	11. TEXA
N.	a Non-Regulated, Non Hazardous Waste	prataka nakentangéne	No. Type	`	Wt/Vol.	WASTE II
	^b 40/e20					
erseo, R	d.WT. ZLARD ZIERON 20	NA				
•	12. COMMENTS OR SPECIAL INSTRUCTIONS:	040	L	13. WASTE F	PROFILE N	l 0.
A	PLAINS COTTON DRAW STATION ULT "E"	16) 15/1	127	o an go anna 2004 - O s	e k	70858
	14. IN CASE OF EMER	GENCY OR SPIL	L, CONTAC	ſ		2000
<b>r</b>	NAME PHONE NO Kin Staughter 575-887-401				EMERGE	NCY NO.
D R	15. GENERATOR'S CERTIFICATION: I Hereby declare tha shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicable st PRINTED/TYPED NAME	all respects in proper co	ndition for transp	ort by highway acc	cording to ap oved by LEA	onlicable
<u>к</u>						
[   	16. TRANSPORTER (1)	17.	TRANSI	PORTER (2)		
ι.	NAME:	NAME:				
N S	TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.				
P	IN CASE OF EMERGENCY CONTACT: (432) 559-32	B IN CASE OF EME	RGENCY CONT	ACT:		
O R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material	EMERGENCY PH		1.1		
r E	T Prilith	19. TRANSPO		-	eceipt of ma	iterial
R	PRINTED/TYPED NAME	20 RENTED/TYPED	NAME			
S	SIGNATURE Winn AMAT DATE	SIGNATURE		<u>D</u>	ATE	
	ADDRESS:		n ber lind en offenselsen en over het sind andere som	PHONE:		
F		e Marker 64, U.	•	80,	575-887	7-4048
	PERMIT NO.	Miles East of Ca	rlsbad, NM			
A		20. COMMENTS				
	WM-01-035 - New Mexico					

	LEA LAND DIS MILE MARKER #64 US HW						XIC	20
		LEA LA	ND, LLC A CITY, OK 73106 •		Aibid <u>er, ac</u> unation	Λ		)
NO	N-HAZARDOUS WASTE MANII	FEST NO	114640	1. PA	GEOF	2. TRAI	LER NO.	D-IT
G	3. COMPANY NAME Plains Pipeline, LP	4. ADDRESS	ighway 214	ed notedag	5. F	PICK-UP DATE 6/8/2016		<u> </u>
e a dae E	PHONE NO. (575) 441-1099	CITY Denver City	STATE	- <b>79</b>	ZIP 323 6. 1	NRCC I.D. NO	).	
~	7. NAME OR DESCRIPTION OF WASTE SHIPP		• MINAL	1	TAINERS	9. TOTAL OUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
Ν	a	ste 👘	<del>an an a</del>	Ng.		QUANTITY	w0 v01.	WASTE ID #
Е	^b 44,16D							
and the								
R	40,400 41,100	2 40.14	HD .					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS PLAINS COTTON DRAW STATION		$T \Theta I a^{\alpha}$	5 X	restatives estis VV	13. WASTE P	ROFILE N	0. 7 <b>08588</b> ///
	14. IN CA	SE OF EMERC	SENCY OR SPIL	L, CON	NTACT			
$^{-1}\mathbf{T}^{(2)}$		549158794048	bry.			24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, and are in a	Il respects in proper co	ndition fo	r transport ¹	by highway acc	ording to a	nlicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
T	16. TRANSPORTER (1)		17.	TR	ANSPO	RTER (2)		
R A	NAME:		NAME:					
N S	TEXAS I.D. NO.	Kurt Stanley	TEXAS I.D. NO.					
P P	IN CASE OF EMERGENCY CONTACT:	(432) 559-329	IN CASE OF EME	RGENCY	CONTAC	T:		
O R	EMERGENCY PHONE:		EMERGENCY PHO					
Т	18. TRANSPORTER (1): Acknowledgment o	of receipt of material	19. TRANSPOR	RTER (2	2): Acknow	vledgment of re	ceipt of ma	aterial
E R	PRINTED/TYPED NAME	CERIND8/8	2016NTED/TYPED	NAME_	·····			
S	SIGNATURET dun DCC	BATE	SIGNATURE			DA	ATE	
		ADDRESS:	L	all that income your		PHONE:		
	Lea Land, LLC		Marker 64, U.S	S. Hwy	62/180		575-887	7-4048
D F I A		<u>30 N</u>	Ailes East of Ca	rlsbad,	NM			
S C P I O L	PERMIT NO. WM-01-035 - New Mext	ico	20. COMMENTS					
S I A T	21. DISPOSAL FACILITY'S CERTIFICA facility is authorized and permitted to receive such w	ATION: I Hereby c astes.	ertify that the above de	scribed w	astes were	delivered to thi	s facility, th	at the
LY	AUTIORIZED SIGNATURE	nan manuera area	CELENO	<b>B</b> alana an	DATE	~ <b>6/8/2016</b> -	TIM 8	
	ATOR: COPIES 1 & 6	DISPOSAL SITE			L			,

			n felden sin an					
	LEA LAND DIS MILE MARKER #64 US HW						XIC	<b>0</b>
	1300 WEST MAIN S		AND, LLC MA CITY, OK 73106 •	PHONE (	405) 236-4	257	th	_
NO	N-HAZARDOUS WASTE MANII	FEST NO	114641	1. PA	GEOF	2. TRAI	LER NO.	+02
G	3. COMPANY NAME Plains Pipeline, LP	4. ADDRESS 2530 State H	lighway 2:14	Nationalia	5. I	PICK-UP DATE	3 3	e de Stan
1. J. J. J. J.	PHONE NO. (575) 441-1098	CITY	STATE			NRCC I.D. NO		
[≈] . E,	สมัยว่ามาหม่สมัยของสุขยาประกาศสมมิตรสมมิติ (สมมิตรี) (การสาวยายายายายายายายายายายายายายายายายายาย	e prodečaja a nekatilja spojed	aastan maan ( <b>TX</b> aardhii an C				I	·····
m. Ng ti	7. NAME OR DESCRIPTION OF WASTE SHIPP			8. CON Ng.	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
Ν			·					
E.	<u>* 41,960</u>							
	c.							
200 (M98) <b>R</b>	43.24D 41.817	) 4248	n n					
	12. COMMENTS OR SPECIAL INSTRUCTIONS PLAINS COTTON DRAW STATION	•		·····		13. WASTE P	ROFILE N	
Α			1010	45	Ð	997. 张载文字 (g)		708588
T	14. IN CA NAME KINStaughter provider and the activity of the	ASE OF EMER	GENCY OR SPIL	L, CON	TACT	24-HOUR	EMERGEI	
er <b>T</b> ree	ta KINGSTAUGNIER och under trädensse der des gelage dare - Hanne det genändskollere protestationer der der gelage og er	575-887-404	<b>B</b> ARA/S			24-11000	EMERCE	NOT NO.
0	15. <b>GENERATOR'S CERTIFICATION:</b> shipping name and are classified, packed, marked, ar international and national government regulations, in	d labeled and are in	all respects in proper co	ndition for	r transport	by highway acc	ording to ar	nlicable
R	PRINTED/TYPED NAME		SIGNATURE			<del>,</del>		DATE
and States Inchastory								
T R	16. TRANSPORTER (1)		17.	TR	ANSPO	RTER (2)		
A N	NAME:		NAME:					
S		Kurt Stanley (432) 559-320	TEXAS I.D. NO.			_		
P O	EMERGENCY PHONE:	19.2	EMERGENCY PHO		CONTAC	Г:		
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt of material	19. TRANSPOR		2): Acknow	vledgment of re	ceipt of ma	iterial
E R	PRINTED/TYPED NAME HELTOK	JUARE ZONE	202160NTED/TYPED	NAME				
S	SIGNATURE Schutz hurry		SIGNATURE			DA	ATE	
		ADDRESS:		in an in Automation of		PHONE:		
DF	Lea Land, LLC	Mile	e Marker 64, U.S	S. Hwy	62/180		575-887	-4048
ΙΑ	PERMIT NO.	<u>30 N</u>	Miles East of Ca	rlsbad,	NM			
S C P I	WM-01-035 - New Mex	ico	20. COMMENTS					
OL SI AT	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: I Hereby of astes.	certify that the above de	scribed w	astes were	delivered to this	s facility, th	at the
T V	AUTHORIZED SIGNATURE	ere bir çoğu artev ereşkiri A	CELL NO.	h thur de	DATE	6/8/2018	+ TIM	E
4	Santal, Monra	102					8	:15
GENER	ATOR: COPIES 1 & 6	0	E: COPIES 2 & 3 $\rangle$			TRANSPO	RTERS: CO	OPIES 4 & 5

NON-HAZARDOUS WASTE MA 3. COMPANY NAME Plains-Pipeline 4LP PHONE NO. (575) 441-1099 E 7. NAME OR DESCRIPTION OF WASTE S Non-Regulated, Non Hazardous a. D. 38,42D c. MT d. 38,22D g. MT d. 38,22D c. MT d. 38,22D c. MT 12. COMMENTS OR SPECIAL INSTRUCT PLAINS COTTON DRAW STAT A 14. 15.GENERATOR'S CERTIFICATI shipping name and are classified, packed, markinternational and national government regulati R PRINTED/TYPED NAME T 16. TRANSPORTER (1): Acknowledge PRINTED/TYPED NAME NAME: N TEXAS I.D. NO. S P IN CASE OF EMERGENCY CONTACT: O R R PRINTED/TYPED NAME MAME: N TEXAS I.D. NO. S IN CASE OF EMERGENCY CONTACT: O EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledge PRINTED/TYPED NAME MARCI 7 SIGNATURE MARK (1) 7 SIGNATU			ES EAST OF CARLSBA					Second and a ferral second second fragment of the second second second second second second second second second	
G Plains Pipeline LP Phone NO. (575).441-1099 E 7. NAME OR DESCRIPTION OF WASTES Nor-Regulated, Non Hazardous a. Nor-Regulated, Non Hazardous c. Nor-Regulated, Non Hazardous d. MT- A. A. A			AND, LLC DMA CITY, OK 73106 •	PHONE (	405) 236-4	4257	Jari	Ń	
G       Plains Pipeline LP         PHONE NO.       (575).441-1099         E       7. NAME OR DESCRIPTION OF WASTE S         Non-Regulated, Non Hazardous       a.         a.       b.         B       38.47D         c.       c.         Mon-Regulated, Non Hazardous         a.       a.         b.       38.47D         c.       c.         d.       38.47D         c.       c.         d.       38.47D         c.       c.         d.       38.47D         j.2.COMMENTS OR SPECIAL INSTRUCT         PLAINS COTTON DRAW STAT         A       14.         II.       II.         PLAINS COTTON DRAW STAT         A       14.         II.       II.         NAME:       II.         R       PRINTED/TYPED NAME         T       16.       TRANSPORTER         R       II. CASE OF EMERGENCY CONTACT:         EMERGENCY PHONE:       18. TRANSPORTER (1): Acknowledge         T       I. CASE OF EMERGENCY CONTACT:         EMERGENCY PHONE:       18. TRANSPORTER (1): Acknowledge         F       I. A	NIFEST	NO	114642	1. PA	GEOF	2. TRAI	LER NO.	M-1	
E (575).441-1099 E (575).441-1099 F T NAME OR DESCRIPTION OF WASTES NOT-Regulated, Non Hazardous a. Non-Regulated, Non Hazardous a. Non-Regulated, Non Hazardous a. Non-Regulated, Non Hazardous c. d. 38,27D 3.7, 12.comments or special instruct PLAINS COTTON DRAW STAT A I4. I4. I5.GENERATOR'S CERTIFICATI shipping name and are classified, packed, mark international and national government regulati R I5.GENERATOR'S CERTIFICATI shipping name and are classified, packed, mark international and national government regulati R I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark international and national government regulati R I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark international and national government regulati R I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark international and national government regulati R I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark international and national government regulati R I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark international and national government regulati R I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark international and national government regulati R I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark I5.GENERATOR'S CERTIFICATI Shipping name and are classified, packed, mark I5.GENERATOR'S CERTIFICATI Shipping name and	4. ADD 2530 CITY		Highway 214	n de former en	erregen part.	PICK-UP DATI 6/8/2010	3:a.j.		
N       a. Norr-Regulated, Non Hazardous         a. S. A. A.D.       b. S. A. A.D.         c.       c.         R       3.8, 2.7D       3.7, 1.2.         I2. COMMENTS OR SPECIAL INSTRUCT       PLAINS COTTON: DRAW STAT         A       14.       II         I4.       II       II         NMME       Standard State       State         O       15. GENERATOR'S CERTIFICATI         shipping name and are classified, packed, markinternational and national government regulati         R       PRINTED/TYPED NAME         T       16.       TRANSPORTER         N       TEXAS I.D. NO.       S         P       IN CASE OF EMERGENCY CONTACT:         O       EMERGENCY PHONE:         18. TRANSPORTER (1): Acknowledge         PRINTED/TYPED NAME       MARCi 7         S       SIGNATURE         SIGNATURE       Lea Land, LLC         F       A         S       SIGNATURE         VM-01-035 - New I       21.DISPOSAL FACILITY'S CERTIFICS	Denv	∕er City	ter antigen der <b>«T.X</b> atorikanen	v ada . <b>79</b>	323 °	FNRCC I.D. NO	).		
E       C.         R       38,220,37,1         12. COMMENTS OR SPECIAL INSTRUCT         PLAINS COTTON DRAW STAT         A         14.         I4.         I5.GENERATOR'S CERTIFICATI         shipping name and are classified, packed, markinternational and national government regulation         R         PRINTED/TYPED NAME         T       16.         TEXAS I.D. NO.         S         IN CASE OF EMERGENCY CONTACT:         O         R         TEXAS I.D. NO.         S         IN CASE OF EMERGENCY CONTACT:         O         R         PRINTED/TYPED NAME         MARE:         S         SIGNATURE         Lea Land, LLC         F         A         C         I         Lea Land, LLC         F         A	Waste			8. CON Ng.	TAINERS Type CM	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID ;	
A 12. COMMENTS OR SPECIAL INSTRUCT PLAINS COTTON: DRAW. STAT 14. 14. 14. 15. GENERATOR'S CERTIFICATI shipping name and are classified, packed, markinternational and national government regulati R PRINTED/TYPED NAME T 16. TRANSPORTER N TEXAS I.D. NO. S P IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledge PRINTED/TYPED NAME MAME: T Lea Land, LLC F A C PERMIT NO. L 21. DISPOSAL FACILITY'S CERTIFICATI	·····								
A 12. COMMENTS OR SPECIAL INSTRUCT PLAINS COTTON: DRAW. STAT 14. 14. 14. 15. GENERATOR'S CERTIFICATI shipping name and are classified, packed, mark- international and national government regulati R PRINTED/TYPED NAME T 16. TRANSPORTER NAME: N TEXAS I.D. NO. S P IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledge PRINTED/TYPED NAME MARE: C R S SIGNATURE Lea Land, LLC F A C PERMIT NO. L 21. DISPOSAL FACILITY'S CERTI	1.00	2,	1010						
T       NMESiaughter         0       15.GENERATOR'S CERTIFICATI         shipping name and are classified, packed, markinternational and national government regulati         R       PRINTED/TYPED NAME         T       16.         T       16.         R       PRINTED/TYPED NAME         T       16.         R       TRANSPORTER         NAME:       TEXAS I.D. NO.         S       IN CASE OF EMERGENCY CONTACT:         O       EMERGENCY PHONE:         18. TRANSPORTER (1): Acknowledge         PRINTED/TYPED NAME         PRINTED/TYPED NAME         MARE:         N         TEXAS I.D. NO.         S         IN CASE OF EMERGENCY CONTACT:         E         PRINTED/TYPED NAME         PRINTED/TYPED NAME         MARE:         IS         TRANSPORTER (1): Acknowledge         PRINTED/TYPED NAME         Lea Land, LLC         F         A         C         I         Lea Land, LLC         PERMIT NO.         U         I         I         I         <	ON ULT "E	n and the second	70 151	2-77	ar Norder a	13. WASTE P	ROFILE N	0. ~ 708588	
T       NAME Staughter         0       15.GENERATOR'S CERTIFICATI         shipping name and are classified, packed, markinternational and national government regulati         R       PRINTED/TYPED NAME         T       16.         R       PRINTED/TYPED NAME         T       16.         R       TRANSPORTER         NAME:       TRANSPORTER         N       TEXAS I.D. NO.         S       IN CASE OF EMERGENCY CONTACT:         O       EMERGENCY PHONE:         18. TRANSPORTER (1): Acknowledge         PRINTED/TYPED NAME         PRINTED/TYPED NAME         MARE:         S         ISIGNATURE         ISIGNATURE         MARE:         Lea Land, LLC         PERMIT NO.         VM-01-035 - New I         I         I         I         II         II         III         III         III         IIII         IIII         IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	N CASE OF	'EMFR	$\frac{l(\omega)}{CENCY} OB SPU$	$\frac{\mathcal{A}}{\mathcal{A}}$					
O       shipping name and are classified, packed, markinternational and national government regulation         R       PRINTED/TYPED NAME         T       16.       TRANSPORTER         R       NAME:       TEXAS I.D. NO.         N       TEXAS I.D. NO.       IN CASE OF EMERGENCY CONTACT:         O       EMERGENCY PHONE:       18.         T       18.       TRANSPORTER (1): Acknowledge         PRINTED/TYPED NAME       MARC 17         S       SIGNATURE       SIGNATURE         Lea       Land, LLC         PERMIT NO.       WM-01-035 - New I         D       L       21.         DISPOSAL FACILITY'S CERTI       TY'S CERTI	IN CASE OF EMERGENCY OR SPILL, CONTACT           NAME NUMESIaughter         24-HOUR EMERGENCY NO.								
R       16.       TRANSPORTER         R       NAME:       TEXAS I.D. NO.         N       TEXAS I.D. NO.         P       IN CASE OF EMERGENCY CONTACT:         O       EMERGENCY PHONE:         I       TRANSPORTER (1): Acknowledge         PRINTED/TYPED NAME       MARCI 7         S       SIGNATURE         D       L         PERMIT NO.       WM-01-035 - New N         I       21.DISPOSAL FACILITY'S CERTINE	ed, and labeled,	and are in	all respects in proper co	ndition for	r transport	by highway acc	ording to ar	nlicable	
R       NAME:         N       TEXAS I.D. NO.         S       TEXAS I.D. NO.         IN CASE OF EMERGENCY CONTACT:         O       EMERGENCY PHONE:         18. TRANSPORTER (1): Acknowledge         PRINTED/TYPED NAME         R       SIGNATURE         IL       Lea Land, LLC         PERMIT NO.         IL       21.DISPOSAL FACILITY'S CERTINE			SIGNATURE					DATE	
A NAME: N TEXAS I.D. NO. S TEXAS I.D. NO. S IN CASE OF EMERGENCY CONTACT: O EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledge PRINTED/TYPED NAME MARCj7 S SIGNATURE MARCj7 S SIGNATURE MARCJ7 C PERMIT NO. I L 21. DISPOSAL FACILITY'S CERTI	1)		17.	TR	ANSPO	RTER (2)			
S P IN CASE OF EMERGENCY CONTACT: O E MERGENCY PHONE: 18. TRANSPORTER (1): Acknowledge PRINTED/TYPED NAME MARCIT SIGNATURE MARCIT SIGNATURE MARCIT Lea Land, LLC F A PERMIT NO. L 21. DISPOSAL FACILITY'S CERTI			NAME:						
P N CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledge PRINTED/TYPED NAME MARCI 7 SIGNATURE MARCI 7 Lea Land, LLC F A C I I 21.DISPOSAL FACILITY'S CERTI	Kurt								
R T E R S SIGNATURE F A C I L L 21.DISPOSAL FACILITY'S CERTI	(432)	559-32	<b>193</b> IN CASE OF EME	RGENCY	CONTAC	CT:			
PRINTED/TYPED NAME MARCJ Z SIGNATURE DOWNMAN Lea Land, LLC PERMIT NO. I L 21.DISPOSAL FACILITY'S CERTI			EMERGENCY PH						
S SIGNATURE Lea Land, LLC Lea Land, LLC PERMIT NO. PERMIT NO. WM-01-035 - New M 21.DISPOSAL FACILITY'S CERTI	1			`	,	-	•		
Lea Land, LLC Lea Land, LLC PERMIT NO. PI WM-01-035 - New 1 21.DISPOSAL FACILITY'S CERTI	OMA	KI MBI	20710 NTED/TYPED	NAME					
D F I A PERMIT NO. P I D L 21.DISPOSAL FACILITY'S CERTI	DATE		SIGNATURE			D	ATE		
D F I A PERMIT NO. P I O L S I 21.DISPOSAL FACILITY'S CERTI	ADDR	ESS:				PHONE:		an a	
S C PERMIT NO. P I WM-01-035 - New M O L S I 21.DISPOSAL FACILITY'S CERTI						),	575-887	-4048	
S I 21.DISPOSAL FACILITY'S CERTI	PERMIT NO.     20. COMMENTS       I     WM-01-035 - New Mexico								
A T facility is authorized and permitted to receive s	I 21 DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the						at the		
L Y AUTHORIZED SIGNATURE	vDop.	na antina ta kao	CELL'NO.	rections a	DATE	6/8/2016	TIM R	е Ìс	

MABV 1

	LEA LAND DI MILE MARKER #64 US HY	WY 62/180 • 30 MIL	ES EAST OF CARLSBA	.D, NM •	PHONE (57	75) 887-4048		
	1300 WEST MAIN		AND, LLC DMA CITY, OK 73106 •	PHONE	(405) 236-4	257 AO	unn	)
1O	N-HAZARDOUS WASTE MAN	IFEST NO	114643	1. PA	GEOF	2. TRAII	LER NO.	#257
	3. COMPANY NAME Plains Pipeline, LP	4. ADDRESS 2530 State	Highway 214	en e	5. F	VICK-UP DATE 8/8/2016	3 } ::::	and the second secon
	PHONE NO (575) 441-1099	CITY Denver City	STATE TX	79	ZIP 1323 6. 1	NRCC I.D. NO	).	
ŀ	7. NAME OR DESCRIPTION OF WASTE SHIP	I PPED:	······		TAINERS	9. TOTAL	10. UNIT	
ž	Non-Regulated, Non-Hazardous W	aste	<u> Manafarta an Annara Albumbarta di Anara ang Pa</u> ra	Ng.	TYPE	QUANTITY	Wt/Vol.	WASTE ID #
1	· Inin		·······					
ŀ	40420 c.			<u> </u>				
ļ	AT: JOALD INLOG	10-1						
ŀ	12. COMMENTS OR SPECIAL INSTRUCTION	<u>40,14</u>	Ð	<u> </u>		13. WASTE P		[
	PLAINS COTTON DRAW STATIO				nD	13. WASTEP	RUFILE N	708588
il.	14. IN (	[°] ASE OF EMEI	CENCY OR SPU	$\underline{\mu}$				
IN CASE OF EMERGENCY OR SPILL, CONTACT           NAME         PHONE NO           Staughter         575-887-4048								
l	15.GENERATOR'S CERTIFICATION	the second se				a second a second s		
	shipping name and are classified, packed, marked, international and national government regulations, PRINTED/TYPED NAME	and labeled, and are i	n all respects in proper co	ndition fo	or transport	bv highwav acc	ording to ap wed by LE	onlicable
ir P	hipping name and are classified, packed, marked, nternational and national government regulations, RINTED/TYPED NAME	and labeled, and are i , including applicable	n all respects in proper cc state regulations, and are SIGNATURE	ndition fo the same	or transport materials p	by highway acc reviously appro	ording to ap wed by LE	oplicable A LAND, LLC
	shipping name and are classified, packed, marked, international and national government regulations,	and labeled, and are i , including applicable	n all respects in proper cc state regulations, and are SIGNATURE 17.	ndition fo the same	or transport materials p	bv highwav acc	ording to ap wed by LE	oplicable A LAND, LLC
	shipping name and are classified, packed, marked, international and national government regulations, PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME:	and labeled, and are i , including applicable	n all respects in proper co state regulations, and are SIGNATURE 17. NAME:	ndition fo the same	or transport materials p	by highway acc reviously appro	ording to ap wed by LE	oplicable A LAND, LLC
	shipping name and are classified, packed, marked, international and national government regulations, PRINTED/TYPED NAME 16. TRANSPORTER (1) TRC NAME: TEXAS I.D. NO.	and labeled, and are i , including applicable	n all respects in proper co state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO.	ndition fo the same	r transport materials p	by highway acc reviously appro	ording to ap wed by LE	oplicable A LAND, LLC
	shipping name and are classified, packed, marked, international and national government regulations, PRINTED/TYPED NAME 16. TRANSPORTER (1) TRC NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:	and labeled, and are i , including applicable Kurt Stanle (432) 559-3	n all respects in proper co state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 293 TIN CASE OF EME EMERGENCY PH	ndition fo the same TF RGENCY ONE:	r transport materials p RANSPO	by highway acc reviously appro <b>RTER (2)</b> T:	ording to ap	oplicable A LAND, LLC DATE
	shipping name and are classified, packed, marked, international and national government regulations,         PRINTED/TYPED NAME         16.       TRANSPORTER (1)         NAME:         TEXAS I.D. NO.         IN CASE OF EMERGENCY CONTACT:	and labeled, and are i , including applicable Kurt Stanle (432) 559-3	n all respects in proper co state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 293 TIN CASE OF EME EMERGENCY PH	ndition fo the same TF RGENCY ONE:	r transport materials p RANSPO	by highway acc reviously appro <b>RTER (2)</b> T:	ording to ap	oplicable A LAND, LLC DATE
	shipping name and are classified, packed, marked, international and national government regulations,         PRINTED/TYPED NAME         16.       TRANSPORTER (1)         NAME:         TEXAS I.D. NO.         IN CASE OF EMERGENCY CONTACT:         EMERGENCY PHONE:         18. TRANSPORTER (1): Acknowledgment	And labeled, and are i , including applicable Kurt Stanle , (432) 559-3 nt of receipt of materia	n all respects in proper co state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 293 TIN CASE OF EME EMERGENCY PH	ndition fo the same TF RGENCY <u>ONE:</u> <b>RTER (</b>	ANSPO         CONTAC         2): Acknow	by highway acc reviously appro <b>RTER (2)</b> T: vledgment of re	eccipt of ma	pplicable A LAND, LLC DATE
	shipping name and are classified, packed, marked, international and national government regulations,         PRINTED/TYPED NAME         16.       TRANSPORTER (1)         NAME:         TEXAS I.D. NO.         IN CASE OF EMERGENCY CONTACT:         EMERGENCY PHONE:         18. TRANSPORTER (1): Acknowledgment	And labeled, and are i , including applicable Kurt Stanle , (432) 559-3 nt of receipt of materia	n all respects in proper co state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 203 IN CASE OF EME EMERGENCY PH al 19. TRANSPO	TF RGENCY ONE: RTER (	Transport materials p RANSPO CONTAC	by highway acc reviously appro RTER (2) T: vledgment of re	eccipt of ma	pplicable A LAND, LLC DATE
	shipping name and are classified, packed, marked, international and national government regulations, PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAMEX Meyed SIGNATURE & H. Chered	and labeled, and are i , including applicable Kurt Stanle (432) 558-3 at of receipt of materia	n all respects in proper co state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 293 IN CASE OF EME EMERGENCY PH al 19. TRANSPOI 78 2018 NTED/TYPED	TF RGENCY ONE: RTER (	Transport materials p RANSPO CONTAC	by highway acc reviously appro RTER (2) T: vledgment of re	ecceipt of ma	pplicable A LAND, LLC DATE
	shipping name and are classified, packed, marked, international and national government regulations,         PRINTED/TYPED NAME         16.       TRANSPORTER (1)         NAME:         TEXAS I.D. NO.         IN CASE OF EMERGENCY CONTACT:         EMERGENCY PHONE:         18.       TRANSPORTER (1): Acknowledgment         PRINTED/TYPED NAME	And labeled, and are i , including applicable (432) 558-3 (432) 55	n all respects in proper co state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 293 TIN CASE OF EME EMERGENCY PH al 19. TRANSPOJ /S 2010 NTED/TYPED SIGNATURE SIGNATURE	TF RGENCY ONE: RTER ( NAME S. HW	ANSPO CONTAC 2): Acknow	by highway acc reviously appro RTER (2) T: vledgment of re D/ PHONE:	ecceipt of ma	pplicable A LAND, LLC DATE aterial
	shipping name and are classified, packed, marked, international and national government regulations, PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAMEX Meyed SIGNATURE & H. Chered	And labeled, and are i , including applicable (432) 558-3 (432) 55	n all respects in proper cc state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 293 IN CASE OF EME EMERGENCY PH al 19. TRANSPOJ /8 2010 NTED/TYPED SIGNATURE	TF RGENCY ONE: RTER ( NAME S. HW	ANSPO CONTAC 2): Acknow	by highway acc reviously appro RTER (2) T: vledgment of re D/ PHONE:	ecceipt of ma	pplicable A LAND, LLC DATE
	shipping name and are classified, packed, marked, international and national government regulations,         PRINTED/TYPED NAME         16.       TRANSPORTER (1)         NAME:         TEXAS I.D. NO.         IN CASE OF EMERGENCY CONTACT:         EMERGENCY PHONE:         18.       TRANSPORTER (1): Acknowledgment         PRINTED/TYPED NAME         IS. TRANSPORTER (1): Acknowledgment         PRINTED/TYPED NAME         Lea Land, LLC	And labeled, and are i , including applicable Kurt Stanle (432) 559-3 (432) 559-3 (432) 559-3 DATE DATE ADDRESS: M 30	n all respects in proper cc state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 293 IN CASE OF EME EMERGENCY PH al 19. TRANSPO /8.2010 NTED/TYPED SIGNATURE ile Marker 64, U.	TF RGENCY ONE: RTER ( NAME S. HW	ANSPO CONTAC 2): Acknow	by highway acc reviously appro RTER (2) T: vledgment of re D/ PHONE:	ecceipt of ma	pplicable A LAND, LLC DATE aterial
	shipping name and are classified, packed, marked, international and national government regulations, PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME May col SIGNATURE Checked Lea Land, LLC PERMIT NO.	And labeled, and are i , including applicable Kurt Stanle (432) 559-3 (432) 55	n all respects in proper cc state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 293 TEXAS I.D. TEXAS I.S. TEXAS I.D. TEXAS I.D. TEXAS I.S. TEXA	TF RGENCY ONE: RTER ( NAME S. Hwy Irlsbad	x CONTAC 2): Acknow y 62/18( , NM	by highway acc reviously appro RTER (2) T: wledgment of re D, PHONE:	ecceipt of ma ATE	pplicable A LAND, LLC DATE aterial 7-4048
Г	shipping name and are classified, packed, marked, international and national government regulations, PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgmer PRINTED/TYPED NAMEX Meyeck SIGNATURE Cheveck Lea Land, LLC PERMIT NO. WM-01-035 - New Me 21. DISPOSAL FACILITY'S CERTIFI	And labeled, and are i , including applicable Kurt Stanle (432) 559-3 (432) 55	n all respects in proper cc state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 293 TEXAS I.D. TEXAS I.S. TEXAS I.D. TEXAS I.D. TEXAS I.S. TEXA	TF RGENCY ONE: RTER ( NAME S. Hwy urlsbad	x CONTAC 2): Acknow y 62/18( , NM	by highway acc reviously appro RTER (2) T: wledgment of re D, PHONE: ), delivered to thi	ecceipt of ma ATE 575-887	pplicable A LAND, LLC DATE aterial 7-4048 nat the

ሶለክህ 4

-	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MILES					VIC	0
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	ND, LLC A CITY, OK 73106 • 1	PHONE (405)	) 236-4257	Ao	ากห	15
NO	N-HAZARDOUS WASTE MANIFEST NO	114644	1. PAGE	OF	2. TRAIL	ER NO.	2510
Ç≽	an an an ann ann an an an an an an an an	1 A A A A A A A A A A A A A A A A A A A	- • • · · · ·	1993 (1993) 1993 (1994) 1993 (1994)	L -UP DATE 8/8/2016	bes _y	
t sesse Tri <b>E</b> éri	PHONE NO. (575) 441–1099 production of the state of the s	SIALE Mercense TX (1974) 19	79323	3	CC I.D. NO	ι.	
N - 1998	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONTAI		. TOTAL JANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	а. Терлици и Билекански селоси и след с и райки. b. //4 1975						
Е	c.						
iste dest R	38,320 36,860 38	420					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E"	Ta 15	5727		WASTE PI		0. 20 <b>8588</b> 200
	14. IN CASE OF EMERG		L, CONTA	ACT		2011-11-12-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
` <b>T</b>	NAME SCHOOLS AND A CONTRACT AND A CO	the second s			24-HOUR	EMERGEI	NCY NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable star	I respects in proper con	ndition for tra	nsport by h	ighway acco	ording to ar	plicable
R	PRINTED/TYPED NAME	SIGNATURE					DATE
T	16. TRANSPORTER (1)	17.	TRAN	SPORT	ER (2)		
R A	NAME:	NAME:					
N S	TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.					
Р	IN CASE OF EMERGENCY CONTACT: (432) 559-329	³ IN CASE OF EMEI	RGENCY CO	NTACT:			
O R	EMERGENCY PHONE:	EMERGENCY PHO					
T E	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAMELEODIC COORD B/B	19. TRANSPOR					
R S	SIGNATURE CHOR GATE DATE	SIGNATURE				ATE	
	ADDRESS:				PHONE:		
D F I A		Marker 64, U.S liles East of Car	•	· · · ·	5	575-887	-4048
S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS			_		
OL SI AT	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby confacility is authorized and permitted to receive such wastes:	ertify that the above de	scribed waste	s were deliv	vered to this /8/2016	facility, th	at the
LY	AUTHORIZED SIGNATURE	CELL NO.	]		17011	TIM	E {^27
4	$\mathcal{I}$	the second s		UI Å		M C	24. X /

	MILE MARKER #64 US HWY 62/180 • 30 MILE			PHONE (5	75) 887-4048	and the state of the		
	LEA LA	<b>AND, LLC</b> MA CITY, OK 73106 • 1	PHONE	(405) 236-4	257	líñc	nes	
IOI	N-HAZARDOUS WASTE MANIFEST NO	114645	1. PA	GEOF	2. TRAII	LER NO. 7	+DZ	
G	3. COMPANY NAME 4. ADDRESS				PICK-UP DATE			
1	Plains Pipeline: LP and the state of the sta	Highway 214 see o STATE	n an an Adaga T		6/8/2016			
11	(575):441-1099: Construction of Construction o	nerandase rec <b>TX</b> retano, se j	<b>7</b> 6	323	THREE I.D. HE	J.		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	······································	8. CON No.	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
ŀ	a Non-Regulated: Non Hazardous Waster	an an the second se	acara des	CM ₆₀	QUANTITI			
	b 27 0/0							
	dWT: 21 DOO							
	36,020 38,760 30	324D						
	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E"				13. WASTE P			
		$-1(\alpha)$ [5]	ĻDL	20		en fet as Atre	708588	
	14. IN CASE OF EMER NAME PHONE NO	GENCY OR SPIL	Ĺ, COI	NTACT	24-HOUR	EMERGE	NCY NO	
NAME PHONE NO 24-HOUR EMERGENCY NO. Kin Slaughter 57.5-887-4048								
	15. GENERATOR'S CERTIFICATION: I Hereby declare th shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicable s	at the contents of this con all respects in proper con	nsignmer	it are fully	and accurately	described a	bove by proper	
		tate regulations, and are	ndition for the same	or transport materials p	by highway acc	ording to an	pplicable	
	PRINTED/TYPED NAME	signature	the same	or transport materials p	by highway acc	ording to ap oved by LEA	pplicable	
		tate regulations, and are	the same	materials p	by highway acc	ording to ap oved by LEA	pplicable A LAND, LLC	
	PRINTED/TYPED NAME	signature states and are	the same	materials p	by highway acc reviously appro	ording to ap oved by LEA	pplicable A LAND, LLC	
	PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS LD NO	ITE EXAS UD NO	the same	materials p	by highway acc reviously appro	ording to ap oved by LEA	pplicable A LAND, LLC	
	PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO.	ITE EXAS UD NO	the same	materials p	by highway acc reviously appro	ording to ap oved by LEA	pplicable A LAND, LLC	
	PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432) 558-32 EMERGENCY PHONE:	SIGNATURE 17. NAME: TEXAS I.D. NO. SIGNATURE 17. NAME: EXAS I.D. NO.	the same TR RGENCY DNE:	materials p RANSPO	by highway acc reviously appro <b>RTER (2)</b> T:	ording to an	pplicable A LAND, LLC DATE	
	PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432) 559-32	SIGNATURE 17. NAME: TEXAS I.D. NO. SIGNATURE 17. NAME: EMERGENCY PHO	the same TR RGENCY DNE:	materials p RANSPO	by highway acc reviously appro <b>RTER (2)</b> T:	ording to an	pplicable A LAND, LLC DATE	
	PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material	SIGNATURE 17. NAME: TEXAS I.D. NO. SIGNATURE 17. NAME: EXAS I.D. NO.	TR TR RGENCY DNE: TER (	RANSPO CONTAC 2): Acknow	by highway acc reviously appro <b>RTER (2)</b> T: vledgment of re	ording to an	pplicable A LAND, LLC DATE	
	PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material	tate regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. SIGNATURE 17. NAME: TEXAS I.D. NO. SIGNATURE 19. TRANSPOR	the same TR RGENCY DNE: TER ( NAME _	materials p RANSPO ( CONTAC 2): Acknow	by highway acc reviously appro RTER (2) T: vledgment of re	ording to an	pplicable A LAND, LLC DATE	
	PRINTED/TYPED NAME  16. TRANSPORTER (1)  NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME	tate regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. SIN CASE OF EMEI EMERGENCY PHO 19. TRANSPOR 8. 20 MINTED/TYPED	the same TR RGENCY DNE: TER ( NAME _	materials p RANSPO ( CONTAC 2): Acknow	by highway acc reviously appro RTER (2) T: vledgment of re D/	ecceipt of ma	pplicable A LAND, LLC DATE	
	PRINTED/TYPED NAME  16. TRANSPORTER (1)  NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME NOC Soto B/ SIGNATURE ADDRESS:	tate regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. SIN CASE OF EMEI EMERGENCY PHO 19. TRANSPOR 8. 20 MINTED/TYPED	TR RGENCY DNE: TER ( NAME _	materials p RANSPO ( CONTAC 2): Acknow	by highway acc reviously appro RTER (2) T: vledgment of re Dz PHONE:	ecceipt of ma	pplicable A LAND, LLC DATE aterial	
	PRINTED/TYPED NAME          16.       TRANSPORTER (1)         NAME:       TRC         TEXAS I.D. NO.       Kurt Starley         IN CASE OF EMERGENCY CONTACT:       (432) 558-32         EMERGENCY PHONE:       18. TRANSPORTER (1): Acknowledgment of receipt of material         PRINTED/TYPED NAME       NOC         SIGNATURE       DATE         Lea Land, LLC       Mit         30	tate regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. SIGNATURE EMERGENCY PHO 19. TRANSPOR 20785NTED/TYPED SIGNATURE	TR RGENCY DNE: XTER ( NAME _	RANSPO CONTAC 2): Acknow	by highway acc reviously appro RTER (2) T: vledgment of re Dz PHONE:	ecceipt of ma	pplicable A LAND, LLC DATE aterial	
	PRINTED/TYPED NAME          16.       TRANSPORTER (1)         NAME:       TRC         TEXAS I.D. NO.       Kurt Starley         IN CASE OF EMERGENCY CONTACT:       (432) 559-32         EMERGENCY PHONE:       (432) 559-32         18. TRANSPORTER (1): Acknowledgment of receipt of material         PRINTED/TYPED NAME       DATE         SIGNATURE       DATE         Lea Land, LLC       Mit	Itate regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. SIGNATURE EMERGENCY PHO 19. TRANSPOR 20PRINTED/TYPED SIGNATURE SIGNATURE	TR RGENCY DNE: XTER ( NAME _	RANSPO CONTAC 2): Acknow	by highway acc reviously appro RTER (2) T: vledgment of re Dz PHONE:	ecceipt of ma	pplicable A LAND, LLC DATE aterial	
	PRINTED/TYPED NAME          16.       TRANSPORTER (1)         NAME:       TRC         TEXAS I.D. NO.       Kurt Starley         IN CASE OF EMERGENCY CONTACT:       (432) 559-32         EMERGENCY PHONE:       (432) 559-32         18. TRANSPORTER (1): Acknowledgment of receipt of material         PRINTED/TYPED NAME       DATE         SIGNATURE       DATE         Lea Land, LLC       Mil         30         PERMIT NO.         WM-01-035 - New Mexico         21.DISPOSAL FACILITY'S CERTIFICATION: 1 Hereby	tate regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. SIGNATURE EMERGENCY PHO 19. TRANSPOR SIGNATURE SIGNATURE EMARKER 64, U.S Miles East of Cat 20. COMMENTS	TR RGENCY DNE: TER ( NAME _ S. Hwy rlsbad,	materials p RANSPO CONTAC 2): Acknow y 62/180 , NM	by highway acc reviously appro RTER (2) T: wledgment of re D/ PHONE:	ecceipt of ma	pplicable A LAND, LLC DATE aterial 7-4048	
	PRINTED/TYPED NAME  16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME OATE Lea Land, LLC Mit 30 PERMIT NO. WM-01-035 - New Mexico 21. DISPOSAL FACILITY'S CERTIFICATION: 1 Hereby facility is authorized and permitted to receive such wastes.	tate regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. SIGNATURE EMERGENCY PHO 19. TRANSPOR SIGNATURE SIGNATURE EVARYMENTED/TYPED SIGNATURE Le Marker 64, U.S Miles East of Can 20. COMMENTS certify that the above de	TR RGENCY DNE: TER ( NAME _ S. Hwy rlsbad,	materials p RANSPO ( CONTAC 2): Acknow y 62/18( , NM vastes were	by highway acc reviously appro RTER (2) T: wledgment of re D/ D/ PHONE: ), delivered to thi	ecceipt of ma ATE 575-887	pplicable A LAND, LLC DATE aterial 7-4048 hat the	
	PRINTED/TYPED NAME  16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME OATE Lea Land, LLC Mit 30 PERMIT NO. WM-01-035 - New Mexico 21. DISPOSAL FACILITY'S CERTIFICATION: 1 Hereby	tate regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. SIN CASE OF EMEI EMERGENCY PHO 19. TRANSPOR 20720NTED/TYPED SIGNATURE EMARKER 64, U.S Miles East of Cat 20. COMMENTS certify that the above de	TR RGENCY DNE: TER ( NAME _ S. Hwy rlsbad,	materials p RANSPO ( CONTAC 2): Acknow y 62/18( , NM vastes were	by highway acc reviously appro RTER (2) T: wledgment of re D/ D/ PHONE: ), delivered to thi	ecceipt of ma ATE 575-887	pplicable A LAND, LLC DATE aterial 7-4048 hat the	

		LAND, LLC			$\cap$		
	1300 WEST MAIN STREET • OKLA		T	Stor Burger & Constant	$-\mathcal{V}$	ling	nes
VV	N-HAZARDOUS WASTE MANIFEST NO 3. COMPANY NAME 4. ADDRESS	114646		GEOF		LER NÖ	4
G		e Highway 214	Artsenter	Serrad Perci	PICK-UP DATE 6/8/2016	<b>Š</b> ere,	
ते. इन्द्रसंस्		STATE type the state TX and the	79	ZIP 1323 6. 1	NRCC I.D. NO	).	
E	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		1	TAINERS	9. TOTAL	10. UNIT	1
nster N	a. Non-Regulated, Non Hazardous Waster	an a	No.	Type Clving	QUANTITY	Wt/Vol.	WASTE ID #
	b. 12500						
	c.						
38:	aWT ZROAD CHOOD CHE	<u></u>					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:	dU			13. WASTE P	ROFILE N	0.
5.3	PLAINS COTTON DRAW STATION ULT."E	TTD 11	11	117	inaco (algunos algo		
		ERGENCY OR SPIL	L, COI	NTACT			
qî.	NAME Slaughter 578 188 194	<b>048</b> %			24-HOUR	EMERGE	NCY NO.
	15.GENERATOR'S CERTIFICATION: I Hereby declare shipping name and are classified, packed, marked, and labeled, and are	that the contents of this co	nsignmer	it are fully :	and accurately (	dagariba d. al	have by prese
	international and national government regulations, including applicable	e in all respects in proper con le state regulations, and are	dition fo	r transport	by highway acc	ording to ar	nnlicable
	international and national government regulations, including applicab PRINTED/TYPED NAME	e in all respects in proper con- le state regulations, and are SIGNATURE	dition fo	r transport	by highway acc	ording to ap	nnlicable
•	international and national government regulations, including applicab PRINTED/TYPED NAME	le state regulations, and are	ndition fo the same	r transport materials p	by highway acc	ording to ap	pplicable A LAND, LLC
	international and national government regulations, including applicab PRINTED/TYPED NAME	le state regulations, and are SIGNATURE	ndition fo the same	r transport materials p	by highway acc previously appro	ording to ap	pplicable A LAND, LLC
	International and national government regulations, including applicab PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO.	Istate regulations, and are SIGNATURE 17. NAME:	ndition fo the same TR	r transport materials p	by highway acc reviously appro	ording to ap	pplicable A LAND, LLC
	International and national government regulations, including applicab PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432) 559-	I SIGNATURE I7. NAME: IEV. TEXAS I.D. NO. 3293 IN CASE OF EMEI	ndition fo the same TR	r transport materials p	by highway acc reviously appro	ording to ap	pplicable A LAND, LLC
	International and national government regulations, including applicab PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO.	Ie state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 3298 IN CASE OF EME EMERGENCY PHO	ndition fo the same TR RGENCY DNE:	r transport materials p ANSPO	by highway acc previously appro <b>RTER (2)</b> T:	ording to ap	pplicable A LAND, LLC DATE
	international and national government regulations, including applicab PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of mate	Ie state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 3293 IN CASE OF EMEL EMERGENCY PHO	ndition fo the same TR RGENCY DNE: TTER (1	r transport materials p 2 2 2 2): Acknow	by highway acc reviously appro <b>RTER (2)</b> T: wledgment of re	ording to ap wed by LE/	pplicable A LAND, LLC DATE
	international and national government regulations, including applicab PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of mate	Istate regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 3293 IN CASE OF EMEI EMERGENCY PHO rial 19. TRANSPOR	TR RGENCY DNE: TER ( NAME _	r transport materials p 2 2 2 2): Acknow	by highway acc reviously appro RTER (2) T: wledgment of re	ording to ap wed by LE/	pplicable A LAND, LLC DATE
	International and national government regulations, including applicab PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432) 559- EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of mate PRINTED/TYPED NAMEY	Istate regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 3298 IN CASE OF EMEL EMERGENCY PHO rial 19. TRANSPOR	TR RGENCY DNE: TER ( NAME _	r transport materials p 2 2 2 2): Acknow	by highway acc reviously appro RTER (2) T: wledgment of re	ording to ap wed by LE,	pplicable A LAND, LLC DATE
	International and national government regulations, including applicab PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432) 559- EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of mate PRINTED/TYPED NAMEY SIGNATURE ADDRESS: Lea Land, LLC ADDRESS:	In case of emergency pho- In case of emergency	TR RGENCY DNE: TER (1 NAME _	r transport materials p 2 ANSPO 7 CONTAC 2): Acknow 7 62/18(	by highway acc reviously appro RTER (2) T: wledgment of re D/ PHONE:	ording to ap wed by LE,	pplicable A LAND, LLC DATE aterial
F	International and national government regulations, including applicab PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432) 559- EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of mate PRINTED/TYPED NAMEY SIGNATURE ADDRESS: Lea Land, LLC ADDRESS:	In state regulations, and are SIGNATURE 17. NAME: 17. NAME: 19. TEXAS I.D. NO. 3293 IN CASE OF EMER EMERGENCY PHO 19. TRANSPOR 19. TRANSPOR 19. SIGNATURE Mile Marker 64, U.S. 0 Miles East of Ca	TR RGENCY DNE: TER (1 NAME _	r transport materials p 2 ANSPO 7 CONTAC 2): Acknow 7 62/18(	by highway acc reviously appro RTER (2) T: wledgment of re D/ PHONE:	ording to ap wed by LE/	pplicable A LAND, LLC DATE aterial
F A C	international and national government regulations, including applicab PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432) 559- EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of mate PRINTED/TYPED NAMEY SIGNATURE Lea Land, LLC N ADDRESS: Lea Land, LLC	In case of emergency pho- In case of emergency	TR RGENCY DNE: TER (1 NAME _	r transport materials p 2 ANSPO 7 CONTAC 2): Acknow 7 62/18(	by highway acc reviously appro RTER (2) T: wledgment of re D/ PHONE:	ording to ap wed by LE/	pplicable A LAND, LLC DATE aterial
FACILI	international and national government regulations, including applicab PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432) 559- EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of mate PRINTED/TYPED NAMEY SIGNATURE Lea Land, LLC N PERMIT NO.	le state regulations, and are SIGNATURE 17. NAME: TEXAS I.D. NO. 3293 IN CASE OF EMEI EMERGENCY PHO 19. TRANSPOR 2018 NTED/TYPED SIGNATURE Mile Marker 64, U.S 0 Miles East of Car 20. COMMENTS	TR TR RGENCY DNE: TER ( NAME _ S. Hwy rlsbad,	r transport materials p ANSPO CONTAC 2): Acknow 7 62/180 NM	by highway acc reviously appro RTER (2) T: wledgment of re D, PHONE:	ording to ap wed by LE/ ecceipt of ma ATE 575-887	pplicable A LAND, LLC DATE aterial 7-4048
R FRANSPORTERS FACILITY	international and national government regulations, including applicab PRINTED/TYPED NAME 16. TRANSPORTER (1) NAME: TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432) 559- EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of mate PRINTED/TYPED NAMEY SIGNATURE Lea Land, LLC ADDRESS: Lea Land, LLC N WM-01-035 - New Mexico 21.DISPOSAL FACILITY'S CERTIFICATION: 1 Here	A state regulations, and are SIGNATURE 17. NAME: 17. NAME: 19. TEXAS I.D. NO. 3298 IN CASE OF EMEL EMERGENCY PHO 19. TRANSPOR 19. TRANSPOR 19. SIGNATURE A signature 19. SIGNATURE 20. COMMENTS 20. COMMENTS	TR TR RGENCY DNE: TER ( NAME _ S. Hwy rlsbad,	r transport materials p ANSPO CONTAC 2): Acknow 7 62/180 NM	by highway acc reviously appro RTER (2) T: wledgment of re D, PHONE:	ording to ap wed by LE/ ecceipt of ma <u>ATE</u> 575-887 s facility, th	pplicable A LAND, LLC DATE aterial 7-4048

നന്ത¥ 4

n Statut	i de la composition de	LEA LAND DIS MILE MARKER #64 US HWY	<b>SPC</b> Y 62/180	)SA 30 MILES	L SIT	EN SBAD, NM •	EW PHONE (S	ME2 575) 887-4048	XIC	0	
		1300 WEST MAIN S			AND, LLC MA CITY, OK 7310		(405) 236-	4257	( rev		
N	or	N-HAZARDOUS WASTE MANII	7EST	NO	114659	9 I. PA	GEOF	2. TRAI	LER NO.	1)-11	
	٦.	3. COMPANY NAME	4. ADD				1	PICK-UP DATH			
	3	Plains Pipeline: LP and the second seco	2530	State H	lighway 214 STATE	an a		TNRCC I.D. NO			
e e e e e e e e e e e e e e e e e e e	699 C		Denv	er/City		64840-14-4 <b>7</b> 5	21F 0. 323	INKCC I.D. NO	).		
	<b>a</b> ,	7. NAME OR DESCRIPTION OF WASTE SHIPPI	a de como como como como como como como com	energe en de stadio en de servicio e		8. CON No.	TAINERS	1	10. UNIT	11. TEXAS	
a N	¥°≪.	a Non-Regulated, Non Hazardous Was	tennas	viant de la	alteriga Martin og		Type CM	QUANTITY	Wt/Vol.	WASTE ID #	
		b / D O / D									
E	C						 				
		dWTO/IDAN 71 M	~								
R	Ł	4140 .56	$  _{d}$	_38	3980						
		12. COMMENTS OR SPECIAL INSTRUCTIONS					(	13. WASTE P	ROFILE N	0.	
A	•	PLAINS COTTON DRAW STATION	UE IN "E	in the second	Tel	5772	<u>D</u>	ndelanas, incorrent ne sue	t 9000 norri	~ 708588	
		NAME	ASE OF PHON		GENCY OR SI	PILL, CO	NTACT				
्रा	<b>1</b> 2023	Kin Slaughter war as a reaction of the second			<b>3</b>			24-HOUR	EMERGEI	NCY NO.	
o	)	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled	and are in a	all respects in prope	er condition fo	or fransnort	by highway acc	ording to ar	nlicable	
R	2	PRINTED/TYPED NAME			SIGNATURE	*****				DATE	
T	`	16. TRANSPORTER (1)	<u>,</u>		17.	TF	ANSPC	ORTER (2)			
R A	- 1	NAME:			NAME:						
Ν		TEXAS I.D. NO.	المدر جرف	<b>—</b>	TEXAGLD N	0.					
S P		IN CASE OF EMERGENCY CONTACT:		Stanley 559-329	<b>3</b> IN CASE OF E		CONTAC	CT:			
0		EMERGENCY PHONE:			EMERGENCY						
R T		18. TRANSPORTER (1): Acknowledgment of	of receipt c	of material	19. TRANSP	PORTER (	2): Ackno	wledgment of re	ceipt of ma	iterial	
E R		PRINTED/TYPED NAM Javier M	artine	C 6/9	20 PENTED/TYI	PED NAME					
ŝ		SIGNATURE COME North	DATE		SIGNATURE_				ATE		
	_	<u> </u>	ADDR	FSS				PHONE:			
		Lea Land, LLC	nibbit		e Marker 64,	U.S. Hwy	/ 62/18		575-887	7-4048	
	F A -			<u>30 N</u>	30 Miles East of Carlsbad, NM						
S P		PERMIT NO. WM-01-035 - New Mex	ico	20. COMMENTS							
S A	I T	21. <b>DISPOSAL FACILITY'S CERTIFIC</b> , facility is authorized and permitted to receive such w	ATION: astes.	I Hereby o	certify that the abov	ve described v	vastes were	delivered to thi	s facility, th	at the	
L	Y	AUTHORIZEDISIGNATURE	untera con S	n ann an 1920 Ann a' Stàiteann an 1920 Ann an 1920 Anns an t-anns an t-an	CELL NO.	87 <b>1</b> /19/10/19/10/27	DATE	6/9/2016	TIM	้เร	
GENE	ERA	TOR: COPIES 1 & 6		OSAL SITE	E: COPIES 2 & 3			TRANSPC	RTERS: CO	OPIES 4 & 5	

	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MILE					XIC	² O
	LEA LA 1300 WEST MAIN STREET • OKLAHO	AND, LLC MA CITY, OK 73106 ·	PHONE (	405) 236-4	257	Ac	ronis
NO	N-HAZARDOUS WASTE MANIFEST NO	114660	1. PA	GEOF_	2. TRAI	LER NO.	7510
G	3. COMPANY NAME 4. ADDRESS Plains Pipeline: LP	lighway 214	ana ana an	5. F	ICK-UP DATE 6/9/2010	}_	p <u>ze</u>
in teats species E		STATE		L	NRCC I.D. NO		A
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		1	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	anne <b>Regulated, Non Hazardous Wasto</b> rmonene er er anne Rosensetere en som och er ander er e	an the second	<u> </u>	101111	QUANTIT	WU VOI.	WASTE ID #
	► 4000D						
Е							
17. 19. 694	ALT ALT ALT ALT ALT ALT ALT ALT						L
R	- 413W 404W 41	420					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: FLAINS COTTON DRAW STATION ULT "E"	land analysekanangen	en an	gri watari	13. WASTE P	ROFILE N	0. 708588 a
A		TC 1662	<u> </u>				
T	14. IN CASE OF EMER( NAMESlaughter 影物的的名句		L, CON	TACT	24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicable st	all respects in proper co	ndition fo	r transport	by highway acc	ording to an	nnlicable
R	PRINTED/TYPED NAME	SIGNATURE					DATE
Т	16. TRANSPORTER (1)	17.	TR	ANSPO	RTER (2)		
R A	NAME:	NAME:					
Ν	TEXAS I.D. NO. Kurt/Stanley	TEXAS I.D. NO.					
S P	IN CASE OF EMERGENCY CONTACT: (432) 559-32	B3 IN CASE OF EME	RGENCY	CONTAC	Т:		
O R	EMERGENCY PHONE:	EMERGENCY PH	ONE:				
Т	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPOR	RTER (2	2): Acknow	vledgment of re	eccipt of ma	aterial
E R	PRINTED/TYPED NAXE	2078 NTED/TYPED	NAME	Eðð	ie La	o dpn	C*
S	SIGNATURE DATE	SIGNATURE	d ,	N	D	ATE	
	ADDRESS:				PHONE;		
		e Marker 64, U.S	S. Hwy	62/180		575-887	7-4048
D F I A		Miles East of Ca	rlsbad,	NM			
SC PI OL	WM-01-035 - New Mexico	20. COMMENTS					
S I A T	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby facility is authorized and permitted to receive such wastes.	certify that the above de	escribed w	astes were	delivered to thi	s facility, th	at the
LY	AUTHORIZED SIGNATURE	CELL NO		STODATE 1	6/9/2016	TIM	
GENER		E: COPIES 2 & 3			TRANSPC	RTERS: C	OPIES 4 & 5

Ì

	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MILES					XIC	<b>'O</b>
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	<b>ND, LLC</b> IA CITY, OK 73106 •	PHONE (4	105) 236-4	257	Δ	amis
NO	N-HAZARDOUS WASTE MANIFEST NO	114661	1. PAC	GEOF_	2. TRAI	LER NO	757
G	3. COMPANY NAME 4. ADDRESS Plains Pipeline, LP	idhway 214	rte <b>sk</b> overse	s 240 (M. 1997)	ICK-UP DATE 6/9/2010		
Е	PHONE NO. (575) 441-1099	STATE STATE STATES TX STRACTS	erroc <b>79</b> 3	ZIP 6. T 323	NRCC I.D. NO	).	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONT	AINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
Ň	a. Non-Regulated, Non-Hazardous Wastewark	n fan 195 - Alfer Jack van 1983 - Senter Hynnes New Yneither	a she ayar yaras	Type Clvl	Quantin		
	· 10510		╁───┼				
Е							
પ્ <i>ટર્ગ્સ</i> કેમ્પ્							
R	-51840 + 1380 + 12	360					
	12. COMMENTS OR SPECIAL INSTRUCTIONS:		_		13. WASTE P	ROFILE N	
A	PLAINS COTTON DRAW STATION ULT "Elle server.	<u>1012110</u>	3121		en en esta de la composición de la comp		708588
	14. IN CASE OF EMERC	SENCY OR SPIL	L, CON	ТАСТ			
$\mathbb{E}_{\mathcal{X}}$ , $\mathbf{T}_{\mathcal{X}}$	NAME PHONE NO Kin Slaughter 57.5-887-4048	kaya a sa			24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable sta	ll respects in proper co	ndition for	transport l	ov highway acc	ording to an	nlicable
R	PRINTED/TYPED NAME	SIGNATURE	******				DATE
T R	16. TRANSPORTER (1)	17.	TRA	ANSPO	RTER (2)		
A	NAME:	NAME:					
N S	TEXAS I.D. NO.	TEXAS I.D. NO.					
P	· · · · · · · · · · · · · · · · · · ·	<b>3</b> IN CASE OF EME	RGENCY	CONTAC	Г:		
O R	EMERGENCY PHONE:	EMERGENCY PHO	ONE:				
Т	18. <b>TRANSPORTER (1):</b> Acknowledgment of receipt of material	19. TRANSPOF	RTER (2	): Acknow	vledgment of re	eceipt of ma	nterial
E R	PRINTED/TYPED NAME Hugo Charecon 5/0	20 RONTED/TYPED	NAME				
S	signatured Hugo Charen 6/9	SIGNATURE			D	ATE	
	Address:	BIOMATORE					
		Marker 64, U.S	S. Hwv	62/180	PHONE:	575-887	7-4048
D F I A		files East of Ca	-		,	515 001	1010
I A S C	PERMIT NO.	20. COMMENTS					
P I O L	WM-01-035 - New Mexico	х.					
SI AT	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby c facility is authorized and permitted to receive such wastes.	ertify that the above de	escribed wa	istes were	delivered to thi	s facility, th	at the
LY	AUTHORIZED SIGNATURE	CELL NO.		DATE	6/9/2016	TIM	е 7८
GENERA	TOR: COPIES 1 & 6 DISPOSAL SITE	: COPIES 2 & 3			TRANSPC		

<b>1</b>						and for the standard and standard standard standard standard standard standard standard standard standard stand	
	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 · 30 MILES					XIC	20
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	ND, LLC A CITY, OK 73106 • P	HONE (4	405) 236-4	257	]-	#L
NO	N-HAZARDOUS WASTE MANIFEST NO	114662	1. PA	GEOF_	2. TRAI	LER NO	HDA
G	3. COMPANY NAME Plains Pipeline, LP 2530 State Hi	ghway 214	and an and a second	5. F	PICK-UP DATE 6/9/2010		
i bojas. Ger <b>E</b> tas		STATE STATE	- <b>7</b> 9	ZIР 323 (	NRCC I.D. NC	).	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON No. 1	TAINERS Type	9. TOTAL OUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N N	aa.a	in fill of the second secon In the second	1	CM			
Е	$\frac{b}{c} + 1020$						
n an teap							
R	4300 42.780 41	760					
A A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E"	Clo	860	$\delta$	13. WASTE P		0. *** <b>708588</b> ***
	14. IN CASE OF EMERG		L, CON	TACT			
* • <b>T</b> *2***		93 ₂₂			24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable sta	I respects in proper con-	dition for	transport l	by highway acc	ording to a	nlicable
R	PRINTED/TYPED NAME	SIGNATURE					DATE
T	16. TRANSPORTER (1)	17.	TR	ANSPO	RTER (2)		
R A	NAME:	NAME:					
N S	TEXAS I.D. NO. Kurt Stanley						
Р О	IN CASE OF EMERGENCY CONTACT: (432) 559-329	³ IN CASE OF EMER	GENCY	CONTAC	Г:		
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material	EMERGENCY PHO 19. TRANSPOR		): Acknow	vledgment of re	reint of m	aterial
T E R		20 ReNTED/TYPED 1	•		-		
S	SIGNATUR TITO Justo DATE	SIGNATURE				ATE	
	ADDRESS:				PHONE:	*********	
D F I A		Marker 64, U.S files East of Car	-		),	575-887	7-4048
S C P I O L	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS					
S I A T	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby confacility is authorized and permitted to receive such wastes.	ertify that the above des	cribed w	astes were	delivered to thi	s facility, th	at the
LY	AUTHORIZED SIGNATURE	CELL NO.	ueranna).	DATE	6/9/2046	TIM Q	е 30
JENER A	TOR: COPIES 1 & 6 DISPOSAL SITE	: COPIES 2 & 3			TRANSPO	RTERS	OPIES 4 & 5

Y

, and a second second	LEA LAND DISPOSA	L SITE	N	EW	ME	XIC	0
	MILE MARKER #64 US HWY 62/180 • 30 MILES LEA LA 1300 WEST MAIN STREET • OKLAHOM	ND, LLC	an a			nal	:116
NO	N-HAZARDOUS WASTE MANIFEST NO	114663	1. PA	GEOF_	2. TRAI		- R
G	3. COMPANY NAME Plains Pipeline, LPost of Association 2530 State H	ighway 214		<b>5.</b> F	I PICK-UP DATE 8/9/2016		<u></u>
Ē	PHONE NO. CITY	STATE STATE Concertific of TX groups from		ZIP 6. T	NRCC I.D. NO		
E	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	、 	8. CON No.	TAINERS Type	9. TOTAL OUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	a. Non-Regulated: Non Hazardous-Waster and a second s	yn ei i nan a brini efyr ei ar		CM	QUANTITI	WU VOI.	WASTE ID #
Е	<ul> <li>40920</li> </ul>						
	awreed to a dillor of						
R	41,20 41,180 38,0	80					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E"	To Holld	łO	n ng a si si si si si si	13. WASTE P		0. 708588
	14.         IN CASE OF EMERO           NAME         PHONE NO	GENCY OR SPIL	L, CON	NTACT		ELEBOE	
Try	Kin Slaughter war war war war in 575-887-4048	<b>k</b> taj.			24-HOUR	EMERGEI	NCY NU.
0	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable states and a states of the states of	Il respects in proper co	ndition fo	r transport l	by highway acc	ording to an	nnlicable
R	PRINTED/TYPED NAME	SIGNATURE					DATE
T R A	16.   TRANSPORTER (1)     NAME:   TRC	17. NAME:	TR	ANSPO	RTER (2)		
N S P	TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432) 559-329	1.25	RGENCY	CONTAC	T٠		
O R	EMERGENCY PHONE:	EMERGENCY PH			* •		
T E	18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME	19. TRANSPOI			-	-	aterial
R S	SIGNATURE DATE	SIGNATURE				ATE	
	ADDRESS:				PHONE:		
DF		Marker 64, U.S Ailes East of Ca	-		,	575-887	7-4048
I A S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	1100000				
OL SI AT	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby c facility is authorized and permitted to receive such wastes.	ertify that the above de	escribed w	astes were	delivered to thi	s facility, th	nat the
LY	AUTHORIZED SIGNATURE	CELL NO.		DATE	6/9/2016	TIM C	Е 37)
GENER	ATOR: COPIES 1 & 6 DISPOSAL SITE	: COPIES 2 & 3			TRANSPO	RTERS: C	OPIES 4 & 5

	LEA LA	AND, LLC				<u> </u>	
	1300 WEST MAIN STREET • OKLAHON		PHONE (	405) 236-4	257	(du	inn
NC	N-HAZARDOUS WASTE MANIFEST NO	114664	1. PA	GEOF_	2. TRAI	LER NO.	: N3
G	3. COMPANY NAME Plains Pipeline, LP 2530 State H	lighway 214	ومحمد ومحمد المحمد ا	5. F	PICK-UP DATE		
G	PHONE NO.	STATE		710 6 7	NRCC I.D. NO		
E	(575) 444-1099	разанала <b>Т.Х</b>	5. (g. <b>79</b>	323	1.1.00 1.2. 1.0		
ta ka je s	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON No.	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXA WASTE II
$\mathbf{N}$	a	<mark>in the second station of the second states and s</mark>	The flee	<del>na GMa</del>			
	b. 310440	****					
Е	с. с.						
R	ADDID 38580 =	3270/1					
Î	12. COMMENTS OR SPECIAL INSTRUCTIONS:	$\mathcal{D}(\mathcal{A})$			13. WASTE P	ROFILE NO	 D.
Α	PLAINS COTTON DRAW STATION ULT "E"	T @ 15	5380		agastriate state	nin i Niji Ethini	708588
	14. IN CASE OF EMERG	GENCY OR SPIL		Challenge and the second			
Т	NAME Kin Slaughter was det in the second states of 575-887-4048	$\mathbf{B}_{U_{\mathcal{M}}}$			24-HOUR	EMERGEN	ICY NO.
0	15. GENERATOR'S CERTIFICATION: 1 Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable sta	all respects in proper co	ndition for	r transport l	ny highway acc	ording to an	nlicable
R	PRINTED/TYPED NAME	SIGNATURE		P			DATE
T R	16. TRANSPORTER (1)	17.	TR	ANSPO	RTER (2)		
А	NAME:	NAME:					
N S	TEXAS I.D. NO. Kurt Stanley	1					
Р		3 IN CASE OF EME	RGENCY	CONTAC	Г:		
0	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material	EMERGENCY PHO 19. TRANSPOR		: Acknov	vledgment of re	ceint of ma	terial
O R T			```	,	-		
R T E	V Nac Sota		NAME				
R T	PRINTED/TYPED NAME NOE SOTO 6/9	20RENTED/TYPED					
R T E R	PRINTED/TYPED NAME NOE SOTO 6/9 SIGNATURE March DATE				D/	ATE	
R T E R S	PRINTED/TYPED NAME NOE Soto 6/9 SIGNATURE DATE ADDRESS:	20RENTED/TYPED			DA PHONE:		-4048
R T E R	PRINTED/TYPED NAME NOE Soto 6/9 SIGNATURE DATE DATE ADDRESS: Lea Land, LLC Mile 30 M	20RENTED/TYPED	S. Hwy	62/180	DA PHONE:	<u>ate</u> 575-887	-4048
R T E S D F I A S C P I	PRINTED/TYPED NAME NOE Sot c 6/9 SIGNATURE DATE DATE ADDRESS: Lea Land, LLC Mile	SIGNATURE	S. Hwy	62/180	DA PHONE:		-4048
R T E S D F I A S C	PRINTED/TYPED NAME NOE Sot c 6/9 SIGNATURE DATE DATE ADDRESS: Lea Land, LLC Mile 30 N	SIGNATURE SIGNATURE Marker 64, U.S Ailes East of Ca 20. COMMENTS	S. Hwy rlsbad,	62/180 NM	D/ PHONE:	575-887	

17	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 · 30 MILES				XIC	0
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	ND, LLC IA CITY, OK 73106 •	PHONE (405) 236-4	²⁵⁷ A	ine	THOS
NO	N-HAZARDOUS WASTE MANIFEST NO	114665	1. PAGEOF	2. TRAI	LER NO.	04 -
G	3. COMPANY NAME Plains Pipeline, LP 2530 State H	ighway 214	<b>5.1</b> איז איז איז איז איז איז איז איז איז איז	PICK-UP DATE	} }∠ ₁₃	
E	and the second	STATE TX	79323	INRCC I.D. NO		•
el vestal N	7. NAME OR DESCRIPTION OF WASTE SHIPPED: A Non-Regulated, Non Hazardous Waster and the second secon	a la tangén ser ségéré serie di serie	8. CONTAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
Е	• 42480					
ा स्टब्स् हेल्ल्य		<u> </u>				
R	$\frac{41}{12} \times \frac{43}{12} \times \frac{43}{12} \times \frac{43}{12} \times \frac{43}{12} \times \frac{43}{12} \times \frac{43}{12} \times \frac{11}{12} \times 11$	80		13. WASTE P	ROFILE N	D.
A	PLAINS COTTON DRAW STATION ULT "E	TCIC	1200	annatra na minina. Anna	hfa se	708588
->∴ <b>T</b> oşe	NAME		L, CONTACT	24-HOUR	EMERGEN	$\overline{\mathbf{NCY}}$ NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in al international and national government regulations, including applicable states	ll respects in proper cou	ndition for transport	hy highway acc	ording to ar	nlicable
R	PRINTED/TYPED NAME	SIGNATURE				DATE
T	16. TRANSPORTER (1)	17.	TRANSPO	RTER (2)		
R A	NAME:	NAME:				
N S	TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.				
Р	IN CASE OF EMERGENCY CONTACT: (432),559-329	<b>3</b> IN CASE OF EME	RGENCY CONTAC	T:		
O R	EMERGENCY PHONE:	EMERGENCY PHO				
T E	18. TRANSPORTER (1): Acknowledgment of acceipt of material	19. TRANSPOR		wledgment of re	ceipt of ma	terial
R S	SIGNATURE DATE			DA	ATE	
	ADDRESS:			PHONE:		
D F I A		Marker 64, U.S liles East of Car	-	),	575-887	-4048
S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS				
OL SI AT	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby confacility is authorized and permitted to receive such wastes.	ertify that the above de	scribed wastes were	delivered to this	facility, th	at the
LY	AUTHORIZED SIGNATURE (1) ATTORNAL (1) ATTO	CELL NO.	DATE	~ <b>6/9/2016</b> (	TIMI	е 4()
GENER	NTOR: COPIES 1 & 6 DISPOSAL SITE:	COPIES 2 & 3		TRANSPO	RTERS: CO	OPIES 4 & 5

J

3	<b>LEA LAND DISPOSA</b> MILE MARKER #64 US HWY 62/180 • 30 MILES					XIC	² O
	LEA LA 1300 WEST MAIN STREET • OKLAHOM	<b>ND, LLC</b> IA CITY, OK 73106 • 1	PHONE (4	405) 236-4	257	Ma	rin
NO	N-HAZARDOUS WASTE MANIFEST NO	114666	1. PA	GEOF_	2. TRAI	LER NO.	M-1
G	3. COMPANY NAME Plains Pipeline, LP	ighway 214	a AND Source	5. I	VICK-UP DATI	l L	
G	(i) the other is a second to the restriction of the second s Second second s Second second s Second second se	unter alle allen in High State State in			NRCC I.D. N	·· .	
ting angle Sin na gina E	PHONE NO. 10 (575) 441-1099 Contractor Contractor Contractor City and City	STATE No converte Manageria No converte Manageria No converte Manageria	a. 12, 2 <b>7.9</b>	323	1000 1.0. 10		
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CON No. 1	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N N	and the rest of the second s a second	n an	स्त, इंस्ट दर्श् के लेख क	<u> </u>	1		
	b.						
Е	c.						
	AMIC ZAZIN ZO OOD	7011D					
R	12. COMMENTS OR SPECIAL INSTRUCTIONS:	39,96U			13. WASTE P		[
A	PLAINS COTTON DRAW STATION ULT "E"	TO 1172	20	$\mu_{i}(w_{i},\phi_{i})_{i\in I}$			
	14. IN CASE OF EMERG	كبل المخداب	$\mathcal{L}$	ТАСТ			
<b>T</b> ,≄a	NAME Slaughter 578-58794048		<u>, cor</u>	inc i	24-HOUR	EMERGE	NCY NO.
0	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable sta	Il respects in proper con	ndition for	transport	by highway acc	ording to an	nlicable
R	PRINTED/TYPED NAME	SIGNATURE					DATE
T	16. TRANSPORTER (1)	17.	TR	ANSPO	RTER (2)		
R A	NAME:	NAME:					
Ν	TEXAS I.D. NO. Kurt-Stanley	TEXAS I.D. NO.					
S P	l de la companya de l	3/IN CASE OF EMEI	RGENCY	CONTAC	T:		
O R	EMERGENCY PHONE:	EMERGENCY PHO					
Т	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPOR	RTER (2	2): Acknow	wledgment of re	eceipt of ma	aterial
E R	PRINTED/TYPED NAMENTAL CIZ MARIN 6/9	20 PRINTED/TYPED	NAME				
S	PRINTED/TYPED NAMWARCIZ MARIN 6/9 SIGNATURANONSO MONDATE	SIGNATURE			D	ATE	
	ADDRESS:				PHONE:		
DF		Marker 64, U.S	-		),	575-887	7-4048
ΙΑ	PERMIT NO.	files East of Car      20. COMMENTS	rlsbad,	NM			
S C P I	WM-01-035 - New Mexico	20. COMMENTS					
OL SI AT	21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby c facility is authorized and permitted to receive such wastes.	ertify that the above de	scribed w	astes were	delivered to thi	s facility, th	nat the
LY	AUTEORIZED SIGNATURE	we <b>CELESNO:</b> 1997, 1998,	er en stade fan de s	DATE	- 6/9/2016	TIM Q	e 4D
GENER	ATOR: COPIES 1 & 6 DISPOSAL SITE	: COPIES 2 & 3			TRANSPO	DRTER S: C	OPIES 4 & 5

]]

	LEA LAND DIS MILE MARKER #64 US HWY						XIC	<b>:</b> 0
	1300 WEST MAIN ST		<b>ND, LLC</b> 1A CITY, OK 73106 •	PHONE (4	405) 236-4	25		D
NO	N-HAZARDOUS WASTE MANIF	EST NO	114684	1. PA	GEOF_	2. TRAI	LER NO.	#8
-∴ <b>G</b> ≁	3. COMPANY NAME	4. ADDRESS 2530 State H	ighway 214	santa sura		ICK-UP DATE		
	PHONE NO.	felver var in spingeserkelgeskere CITY	STATE		ZIP 6. T	NRCC I.D. NO		
n (senator La <b>E</b> nica		» Denver City»	e <mark>ntrepacie rece<b>ti X</b>erene entre</mark> Le				1	
	7. NAME OR DESCRIPTION OF WASTE SHIPPE			8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10.\UNIT Wt/Vo1.	11. TEXAS WASTE ID #
N	a. Non-Regulated; Non Hazardous Was	(exponent menology	Million a service da construir de la service de la serv La service de la service de	a da serie da ar	or CMB	· · · · · · · · · · · · · · · · · · ·		
	b.	<u></u>						
E	с.						see a	
strégytie R	38,34D 3721	D 2	51020			<u> </u>		
	12. COMMENTS OR SPECIAL INSTRUCTIONS:		Jun	<u>L</u>		13. WASTE P	ROFILE N	<b>I</b> O.
Α	PLAINS COTTON DRAW STATION (		TO III	241)	na Waliota. T	23.1.19(*.12)}58.133	in an anglan in the second anglan in the second br>and a second s	37 <b>08588</b> 00
			ENCY OR SPIL	L, CON	TACT			······
− <b>T</b> esa	NAME C Kin Slaughter and received with the tradition of the second s	575-997-404E	Bio qu			24-HOUR	EMERGEI	NCY ŅO.
0	15. GENERATOR'S CERTIFICATION: I shipping name and are classified, packed, marked, and international and national government regulations, inc	l labeled, and are in a	ll respects in proper co	ndition for	transport l	ny highway acc	ording to ar	nlicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
					and the second second second			
T R	16. TRANSPORTER (1)		17.	TR	ANSPO	RTER (2)		
A N	NAME: TEXAS I.D. NO.		NAME:					
S P	t normality of the second s	Kurt Stanley (432) 550-320	TEXAS I.D. NO.	DODNOV	0011740	T		
0	EMERGENCY PHONE:	<b>f</b> tine ei 20e z.z.	EMERGENCY PH		CUNTAC	1:		
R T	18. TRANSPORTER (1): Acknowledgment of	receipt of material	19. TRANSPOR		2): Acknow	vledgment of re	ceipt of ma	aterial
E R	PRINTED/TYPED NAME TWOMY CAS	616 8/10	20 PRINTED/TYPED	NAME_				
S	SIGNATUR	DATE	SIGNATURE			D	ATE	
		ADDRESS:				PHONE:		
DF	Lea Land, LLC		Marker 64, U.S	-		,	575-887	7-4048
ΙΑ	PERMIT NO.	30 N	1iles East of Ca 20. COMMENTS	rlsbad,	NM		······	
S C P I	WM-01-035 - New Mexic	со	20. COMMENTS					
OL SI AT	21. DISPOSAL FACILITY'S CERTIFICA facility is authorized and permitted to receive such wa	TION: I Hereby c stes.	ertify that the above de	escribed wa	astes were	delivered to thi	s facility, th	at the
LY	AUTHORIZED SIGNATURE		CELL NO.	ياني روين و <mark>استند</mark>		8/10/2016	R TIM	^Е `2D
GENER	ATOR: COPIES 1 & 6	DISPOSAL SITE	: COPIES 2 & 3			TRANSPO	RTERS: C	• • • • • • • • • • • • • • • • • • •

-	LEA LAND DIS MILE MARKER #64 US HW						XIC	0
	1300 WEST MAIN S		<b>ND, LLC</b> A CITY, OK 73106 • 1	PHONE (4	405) 236-4	257 A	ardi	15
NO	N-HAZARDOUS WASTE MANII	FEST NO	114685	1. PAC	GEOF_	2. TRAI	LER NO.	257
∙G∷…	3. COMPANY NAME Plains Pipeline, LP	4. ADDRESS 2530 State Hi	ghway 214	ana sala sa		ICK-UP DATE 6/10/2016		Salata da Mandal da Canada da Manda da
en andere Tre <b>E</b> raat	PHONE NO. (575) 441–1099	CITY	STATE	-		NRCC I.D. NO	).	
	7. NAME OR DESCRIPTION OF WASTE SHIPP		<u>*************************************</u>		TAINERS Type	9. TOTAL OUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N N	a.Non-Regulated, Non Hazardous Wa	<b>ste</b> ssurðmandes has datið	alerike oftaga eta pologia eta filo. Alerike oftaga eta gonzana eta filo.		CM	QOMUTIT		WAGIE ID #
E	b. c.							
the constant species	d.WI: 10700	1 70						
R	12. COMMENTS OR SPECIAL INSTRUCTIONS	0 34	180			13. WASTE P	POEILE N	<u> </u>
А	PLAINS COTTON DRAW STATION	-	TQ 12	0.54	$\mathcal{D}$	D. WASTEP		
	14. IN CA NAME Kin Slaughter	PHONE NO	ENCY OR SPIL	L, CON	TACT	24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, ar international and national government regulations, in	id labeled, and are in a	l respects in proper con	ndition for	transport	by highway acc	ording to an	onlicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
Т	16. TRANSPORTER (1)		17.	TR	ANSPO	RTER (2)		
R A	NAME:		NAME:					
Ν	TEXAS I.D. NO.		TEXAS I.D. NO.					
S P			S IN CASE OF EME	RGENCY	CONTAC	T:		
O R	EMERGENCY PHONE:		EMERGENCY PHO	ONE:				
Т	18. TRANSPORTER (1): Acknowledgment of	of receipt of material	19. TRANSPOF	RTER (2	2): Acknow	vledgment of re	eceipt of ma	iterial
E R	PRINTED/TYPED NAME Hugo ch	د و 6/10	20 RENTED/TYPED	NAME		TTTN 11-11-1-1		
S	SIGNATURE + Hugehony	DATE	SIGNATURE			D	ATE	
		ADDRESS:			( ) ( ) )	PHONE:	6 er 5	10.10
DF	Lea Land, LLC		Marker 64, U.S files East of Ca	-		,	575-887	/-4048
I A S C P I	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS	1150au,				
O L S I	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: I Hereby co	ertify that the above de	scribed wa	astes were	delivered to thi	s facility, th	at the
	AUTHORIZED SIGNATURE	asios. (1) mai - 12 dine 10 dines () U ()	CELL'NO.	gi je stjerë gërjë të	DATE	6/10/2016	TIM 8	£ 25
GENER	TOR: COPIES 1 & 6	DISPOSAL SITE	COPIES 2 & 3			TRANSPO	ORTERS: C	OPIES 4 & 5

^{~~~}V

ARDOUS WASTE MAN ANY NAME Pipeline, LP 441-1099 OR DESCRIPTION OF WASTE SHI Regulated, Non Hazardous W Context of the second state of the second s	N STREET • OKLAI NIFEST NO 4. ADDRESS 2530 State 2530 State 2530 State CITY Denver Ei Vaste 2530 State 2530 State 2	ILIBD TOLIA ERGENCY OR SP	6 • PHONE ( 1. PA 75 8. CON Ng 9 1. PA 75 8. CON Ng 9 1. PA	GEOF_ S. P S. P 6. T TAINERS TAINERS		). 10. UNIT Wt/Vol. ROFILE NO	WASTE ID #
ANY NAME Pipeline, LP NO. 441-1099 E OR DESCRIPTION OF WASTE SHI Regulated, Non Hazardous W Regulated, Non Hazardous W Sequence of the second state of the seco	4. ADDRESS 2530 Statu CITY Denver Ci IPPED: Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste 200 Vaste Vaste Vaste Vaste Vaste Va	e Highway 214 STATE X I UBD TO 12 ERGENCY OR SP	8. CON Ng 23, ( 14	ZIP 323 TAINERS TOP CM	ICK-IP DATE ICK-IP DATE 0/10/2018 9. TOTAL QUANTITY	). 10. UNIT Wt/Vol. ROFILE NO	WASTE ID
Pipeline, LP NO. 441-1099 COR DESCRIPTION OF WASTE SHI Regulated, Non Hazardous W Agendated, Non Hazardous W Second State Shi MENTS OR SPECIAL INSTRUCTION SECOTTON DRAW STATIC IN aughter ERATOR'S CERTIFICATION harme and are classified, packed, marked	CITY Denver Ci IPPED: Vaste Vaste Vaste Case of EMP PHONE NO 575-887-4	ILIBD TOLIA ERGENCY OR SP	8. CON Ng 1		9. TOTAL QUANTITY 13. WASTE P	). 10. UNIT Wt/Vol. ROFILE NO	WASTE ID ;
441-1099 To R DESCRIPTION OF WASTE SHI Regulated. Non Hazardous W Regulated. Non Hazardous W Sequence of the sequence of t	IPPED: Vaste Vaste NS: DNULT "E" CASE OF EMH PHONE NO 575-887-4	I,LIBD TO 12 ERGENCY OR SP	8. CON Ng 3, ( 14		9. TOTAL QUANTITY 13. WASTE P	10. UNIT Wt/Vol.	WASTE ID
Regulated. Non Hazardous W 2,740,39,2 MENTS OR SPECIAL INSTRUCTIO S COTTON DRAW STATIC IN aughter ERATOR'S CERTIFICATIO hame and are classified, packed, marked	Vaste 20 4 DNS: DN ULT "E" CASE OF EMP PHONE NO 575-887-4	TQ a	Ng. 3, ( 14	ĽĎ	QUANTITY 13. WASTE P	Wt/Vol.	WASTE ID ;
IS COTTON DRAW STATIC IN aughter ERATOR'S CERTIFICATIO name and are classified, packed, marked	ON ULT "E" CASE OF EMB PHONE NO 575-887-4	TQ a	23, (14 PILL, CON	$\mathcal{D}$	) alastati na kangga je	iner and a state of the second	<b>708588</b> %
IS COTTON DRAW STATIC IN aughter ERATOR'S CERTIFICATIO name and are classified, packed, marked	ON ULT "E" CASE OF EMB PHONE NO 575-887-4	TQ a	23, ( #4 PILL, CON	$\mathcal{D}$	) alastati na kangga je	iner and a state of the second	<b>708588</b> %
IS COTTON DRAW STATIC IN aughter ERATOR'S CERTIFICATIO name and are classified, packed, marked	ON ULT "E" CASE OF EMB PHONE NO 575-887-4	TQ a	2 <b>3, ( 14</b> 1111, CON	$\mathcal{D}$	) alastati na kangga je	iner and a state of the second	<b>708588</b> %
aughter ERATOR'S CERTIFICATIO name and are classified, packed, marked	PHONE NO 575-887-4 N: I Hereby declare		PILL, CO	NTACT	24-HOUR	EMEDCEN	
name and are classified, packed, marked	N: I Hereby declare					EMERGEI	NCY NO.
	a, and labeled, and are	e in all respects in proper	r condition fo	or transport b	oy highway acc	ording to ap	oplicable
D/TYPED NAME		SIGNATURE					DATE
	Kurt Stan	I7. NAME: Iley: TEXAS I.D. NO 3293 IN CASE OF EN	).		RTER (2)		
OF EMERGENCY CONTACT: ENCY PHONE: INSPORTER (1): Acknowledgme	ent of receipt of mate	EMERGENCY	PHONE: ORTER (	2): Acknov	vledgment of re	eceipt of ma	nterial
JREYEdda.	DATE	3/40/2019 SIGNATURE				ATE	
Lea Land, LLC	1	,	-		, PHONE:	575-887	7-4048
	exico	20. COMMENTS					
OSAL FACILITVIS OFDITE	ICATION: I Here	eby certify that the above	e described v	vastes were	delivered to thi	is facility, th	at the
authorized and permitted to receive suc	ch wastes.					TIM	E
	OSAL FACILITY'S CERTIF	NO. WM-01-035 - New Mexico POSAL FACILITY'S CERTIFICATION: 1 Her	30 Miles East of       NO.       WM-01-035 - New Mexico	30 Miles East of Carlsbad         NO.         WM-01-035 - New Mexico         20. COMMENTS         POSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described we describ	30 Miles East of Carlsbad, NM         NO.         WM-01-035 - New Mexico         20. COMMENTS         POSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were	30 Miles East of Carlsbad, NM         NO.         20. COMMENTS         20. COMMENTS         POSAL FACILITY'S CERTIFICATION: 1 Hereby certify that the above described wastes were delivered to thi authorized and permitted to receive such wastes.	30 Miles East of Carlsbad, NM         NO.       20. COMMENTS         WM-01-035 - New Mexico       20. COMMENTS         OSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, th authorized and permitted to receive such wastes.         IZED SIGNATURE

	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MILE					XIC	Ó
	LEA LA 1300 WEST MAIN STREET • OKLAHOI	AND, LLC MA CITY, OK 73106 • 1	PHONE (4	105) 236-4	257	¢L	,
NOI	N-HAZARDOUS WASTE MANIFEST NO	114687	1. PAC	GEOF_	2. TRAI	LER NO.	#02
G			a a cata a	5. F	PICK-UP DATE 6/10/2016		
	PHONE NO. (575) 441–1099	STATE TX		ZIP 6. T 323	NRCC I.D. NO	).	
n ja n <b>E</b> stan	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONT No. 1	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/VoI.	11. TEXAS WASTE ID #
N N	a.Non-Regulated Non Hazardous Waste	element polymorphics at 2003		CM			
Е	b.						
	dWT: 20 = 20 = 100 = 10	•					
R	42.320 40.940 42, 12. COMMENTS OR SPECIAL INSTRUCTIONS:	34D			13. WASTE P	ROFILE N	0
А	PLAINS COTTON DRAW STATION ULT "E"	Ta 125	ToDe	X ^{ana} sin'	enagitat en _e ne		708588
<b>T</b> aca	14. IN CASE OF EMER NAME PHONE NO Kin Slaughter		L, CON	TACT	24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicable st	all respects in proper con	ndition for	transport	by highway acc	ording to a	pplicable
R	PRINTED/TYPED NAME	SIGNATURE			****		DATE
T R A	16.     TRANSPORTER (1)       NAME:     TRC:	17. NAME:	TR	ANSPO	RTER (2)	9 - 2 - 10 - 2 - 10 - 2 - 10 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	
N S P O	TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432) 559-32	TEXAS I.D. NO.	RGENCY	CONTAC	T:		
R T E	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of receipt of material PRINTED/TYPED NAME/Hector UALE Log	EMERGENCY PHO 19. TRANSPOR 19. TRANSPOR 19. TRANSPOR	RTEŘ (2		-	eccipt of ma	aterial
R S	SIGNATURE Autority DATE	SIGNATURE				ATE	
DF		e Marker 64, U.S Miles East of Ca	-		), PHONE:	575-88′	7-4048
I A S C P I O L	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS					
SI AT	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby facility is authorized and permitted to receive such wastes.	certify that the above de	escribed wa	astes were	delivered to thi	s facility, th	hat the
LY	Authorized signature 1003002	CELL NO.	falst i met de f	DATE	6/10/2016		3:30
GENERA	TOR: COPIES 1 & 6	E: COPIES 2 & 3			TRANSPO	RTERS: C	OPIES 4 & 5

·	LEA LAND DIS MILE MARKER #64 US HW	19					XIC	0
	1300 WEST MAIN S	LEA LA TREET • OKLAHOM	<b>ND, LLC</b> A CITY, OK 73106 • 1	PHONE (	405) 236-4	257	ari	'n
NOI	N-HAZARDOUS WASTE MAND	FEST NO	114688	1. PA	GEOF_	2. TRAII	LER NO.	M-1
Ğ	3. COMPANY NAME Plains Pipeline, LP	4. ADDRESS 2530 State Hi	ghway 214		5. P	ICK-UP DATE 6/10/2016		
operatione ( The <b>E</b> rice	PHONE NO. (575) 441-1099.	CITY Denver City	STATE TX	ta ja se <b>7</b> 9	ZIP 6. T 323	NRCC 1.D. NC	l.	
a canada N	7. NAME OR DESCRIPTION OF WASTE SHIPP		<u>ne kişti çekleştir. Er keştiştere tek keştiş</u>	8. CON No.	TAINERS Type CM	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
Е	b. c.	· ·						
ч 12.4455. <b>R</b>	38,620 37,48	30 39	460					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS		T@_115,5	567	ter en son en ser e Ser en ser en	13. WASTE P		0. <b>708588</b>
T.	14. IN C2 NAME Kin Slaughter Will Work de com deer nach bereite and and an	ASE OF EMERG PHONE NO 575-887-4048		L, CON	TACT	24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, ar international and national government regulations, in	nd labeled, and are in a	Il respects in proper con	ndition for	r transport l	by highway acc	ording to ar	plicable
R	PRINTED/TYPED NAME		SIGNATURE			<del></del>		DATE
T R A N S	16.     TRANSPORTER (1)       NAME:     TEXAS I.D. NO.	≪≪Kurt≪Stanley	17. NAME:	TR	ANSPO]	RTER (2)		
P O R	EMERGENCY PHONE:	(432) 559-329	EMERGENCY PHO	ONE:				
T E R	18. TRANSPORTER (1): Acknowledgment of PRINTED/TYPED NAME MARCIZO / SIGNATURE Monthly March	- 1	19. TRANSPOR	`		-	ceipt of ma	iteriaI
S	SIGNATURE Moning Mon	DATE	SIGNATURE			DA	ATE	
DF	Lea Land, LLC		Marker 64, U.S files East of Ca	-		PHONE:	575-887	7-4048
IA SC PI OL	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS					
SI AT	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: I Hereby c	ertify that the above de	escribed w	astes were	delivered to thi	s facility, th	at the
	authorized signature	013		alijane i Meridaki	DATE	6/10/2016	TIM B	E 235
GENERA	TOR: COPIES 1 & 6	DIPPOSAL SITE	: COPIES 2 & 3		. —	TRANSPO	RTERS: C	OPIES 4 & 5

	LEA LAND DISPOS MILE MARKER #64 US HWY 62/180 • 30 M					XIC	0
	LEA 1300 WEST MAIN STREET $\cdot$ OKLA	LAND, LLC Homa City, ok 73106 •	PHONE (4	05) 236-4:	257	in	)
NOI	N-HAZARDOUS WASTE MANIFEST NO	114689	1. PAG	EOF_	2. TRAII	LER NO.	D-11
ଂ Ġ କର	3. COMPANY NAME 4. ADDRESS Plains Pipeline LP 2530 Sta	te Highway 214	an a san an a		ICK-UP DATE 8/10/2010		
un er egi <b>E</b> sere	PHONE NO. CITY (575) 441-4099 States of a second state for the second se	STATE ityans down TX sources		ЛР 6. Т 8 <b>23</b> с	NRCC I.D. NC	).	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED:		8. CONT. No. 1	AINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
e de <b>Re</b> eler <b>N</b>	a Non-Regulated, Non Hazardous Waste b.	Matter Million, proceeding to specify Constants Constants	2 <b>1932 1937 19</b> 3 20	<u>́С́М</u> .«			
Е	р. с.		<u> </u>				
is stabili R	aWT 40.480 40.500 41	n4D					
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E"	-10 10	ワカイ		13. WASTE P	ROFILE N	0. 7 <b>08588</b>
	14. IN CASE OF EM	ERGENCY OR SPIL	<i>_L, CON</i>	TACT			
:: <b>: T</b> .***	NAME Kin Slaughter 575-887-4	1048		:. <u>1</u> 1	24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: I Hereby declar shipping name and are classified, packed, marked, and labeled, and ar international and national government regulations, including applicat	e in all respects in proper co	ondition for	transport l	oy highway acc	ording to ar	oplicable
R	PRINTED/TYPED NAME	SIGNATURE					DATE
T	16. TRANSPORTER (1)	17.	TRA	ANSPO]	RTER (2)		ana da di Bana ya Angela In
R A	NAME:	NAME:					
Ν	TEXAS I.D. NO.	TEXAS I.D. NO.					
S P	IN CASE OF EMERGENCY CONTACT: (432) 559	-3293 IN CASE OF EME	RGENCY	CONTAC	Г:		
O R	EMERGENCY PHONE:	EMERGENCY PH	ONE:				
Т	18. TRANSPORTER (1): Acknowledgment of receipt of mate				-	eceipt of ma	aterial
E R	PRINTED/TYPED NAME	8/10/2010 PRINTED/TYPED	NAME	·····			
S	SIGNATURE ATE 6/1	Image: signature			D	<u>ATE</u>	
	Address:	a a su manana su	60000.000 10000.000 20000-000	*****	PHONE:		in any manifest of a second second second
DF		Mile Marker 64, U. 30 Miles East of Ca	•		),	575-887	7-4048
P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS					
OL SI AT	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Her facility is authorized and permitted to receive such wastes.	reby certify that the above de	escribed was	stes were	delivered to thi	s facility, th	nat the
LY	AUTHORIZED SIGNATURE	alpha arc.CELL=NO.dur.hort	ysels might bose allo a	n <b>DATE</b> *	6/10/2016	TIM R	те ^ ДД
GENÊRA	TOR: COPIES 1 & 6 DISPOSAL	SITE: COPIES 2 & 3			TRANSPC	DRTERS: C	• <del>• • • •</del> • • • • • • • • • • • • • •

	LEA LAND DIS MILE MARKER #64 US HWY						XIC	0
	1300 WEST MAIN S		<b>ND, LLC</b> 14 CITY, OK 73106 • 1	PHONE (	405) 236-4	257 NU	ιñC	nis
NO	N-HAZARDOUS WASTE MANIH	EST NO	114690	1. PA	GEOF_	2. TRAI	LER NO.	# D3
G"	3. COMPANY NAME Plains Pipelines LP	4. ADDRESS 2530 State H	lighway 214 yourst	ಷ್ಟಿ ನೆಡಿದ್ದೇಕ್ಷ ಹೆಡ್ಡರ ಗ್ರಾಂಗ್	eter v Groenty	PICK-UP DATE 6/10/2010		
nen <b>E</b> rse Kanege	PHONE NO. (575):444-,1099 specific descent of the second s	CITY Denver City	STATE TX	*- 79	ZIP 323	NRCC I.D. NC	).	
	7. NAME OR DESCRIPTION OF WASTE SHIPPE			8. CON No.	TAINERS Type CM	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
Ν	a. a.	ten provinski se	<u> </u>	िल्लामी संस	<del>⊶ CM≉</del>	196 197 2		
	b.							
Е	c.							
皇后日十六期			100					
R	38,520 .36,21	10 40	420					
	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION	ULT."E%main	lainingenä <u>te</u> lähningengenge	and Saturday.	Samo	13. WASTE P		D. 30 <b>708588</b>
A			TQ ILE	5,20	O		an ana ang ang ang ang ang ang ang ang a	
- <b>T</b>	14. IN CA NAME Kin Slaughter		SENCY OR SPIL	<u>Ľ, CON</u>	TACT	24-HOUR	EMERGE	NCY NO.
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, and are in a	ill respects in proper con	ndition for	r transport	by highway acc	ording to ar	nlicable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
T	16. TRANSPORTER (1)		17.	TR	ANSPO	RTER (2)	to in the local sector of the	
R	NAME:		NAME:			(L)		
A N	TEXASID NO		TEXASID NO					
S P	IN CASE OF EMERGENCY CONTACT:	Kurt Stanley	S IN CASE OF EME	DOENOV		T		
r O	EMERGENCY PHONE:	(HOFWOOD DEC			CUNTAC	1:		
R T	18. TRANSPORTER (1): Acknowledgment o	f receipt of material	EMERGENCY PHO 19. TRANSPOR		2): Acknow	vledgment of re	eceipt of ma	Iterial
E R	PRINTED/TYPED NAME_NOE	5070 8/10	20 RONTED/TYPED	NAME _				
S	SIGNATURE	DATE	SIGNATURE			D	ATE	
		ADDRESS;	1			PHONE:		
DF	Lea Land, LLC		e Marker 64, U.S			),	575-887	7-4048
ΙΑ		30 N	Ailes East of Ca	rlsbad,	NM			
S C P I O L	WM-01-035 - New Mexi	ico	20. COMMENTS					
S I A T	21.DISPOSAL FACILITY'S CERTIFICA facility is authorized and permitted to receive such wa	ATION: I Hereby c astes.	ertify that the above de	escribed w	astes were	delivered to thi	s facility, th	at the
LY	authorized signature	ar e Ar columbia and e se 2012 / ·	CELL NO.	Sector (California)	DATE	6/10/2018		4.5
GENER	NTOR: COPIES 1 & 6	DISTOSAL SITE	E: COPIES 2 & 3			TRANSPO	RTERS: C	OPIES 4 & 5

	LEA LAND DIS MILE MARKER #64 US HW						XIC	0
	1300 WEST MAIN S		ND, LLC IA CITY, OK 73106 • 7	PHONE (4	05) 236-42	257	แก๊เ	nes
NOI	N-HAZARDOUS WASTE MANII	FEST NO	114691	1. PAG	EOF_	2. TRAII	LER NO. 7	+4-
- Ghi	3. COMPANY NAME	4. ADDRESS	ighway 214	an girti baştışı 10.00		ICK-UP DATE		
	Plains Pipeline; LP PHONE NO. (575) 444-1089	CITY	STATE	Z	IP 6. T	NRCC I.D. NC		
	7. NAME OR DESCRIPTION OF WASTE SHIPP		<u> </u>	8. CONT. No. 1		9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
N	a:Non-Regulated: Non-Hazardous Wa:	steppentint has a drived.»	MRAH SWERN - UNDER BERTRO		CMx		wit vol.	WASTE ID #
E	b. c.	an a sa ta						
et sær R	WE 23180 1512	0 121	1707					
Ň	12. COMMENTS OR SPECIAL INSTRUCTIONS	$\frac{1}{2}$				13. WASTE P	ROFILE N	0.
Α	PLAINS COTTON DRAW STATION	ULTelEller /	@130;	32D	389. NR28	et thus and sta	a inte an aithi	27 <b>08588</b>
a <b>T</b>	NIANCE	PHONE NO	ENCY OR SPÍL	L, CON	TACT	24-HOUR	EMERGE	NCY NO.
0	15.GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, ar international and national government regulations, in	nd labeled, and are in a	ll respects in proper con	ndition for	transport b	ov highway acco	ording to ar	policable
R	PRINTED/TYPED NAME		SIGNATURE					DATE
T	16. TRANSPORTER (1)		17.	TRA	NSPOI	RTER (2)	10411-00-00-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	
R A	NAME:		NAME:					
N S	TEXAS I.D. NO.	Kurt-Stanley	TEXAS I.D. NO.					
P		· · · · · · · · · · · · · · · · · · ·	3 IN CASE OF EME	RGENCY (	CONTACT	Г:		
O R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	offrecent of material	EMERGENCY PHO 19. TRANSPOR		). Acknow	riedgment of ro		torial
T E R	PRINTED/TYPED NAME	$p \rightarrow $	2016 PRINTED/TYPED					
s	SIGNATURE M.	DATE	SIGNATURE			DA	ATE	
		ADDRESS:				PHONE:		
DF	Lea Land, LLC		Marker 64, U.S Ailes East of Ca	J		,	575-887	7-4048
I A S C	PERMIT NO.		20. COMMENTS	1150au, 1				
PI OL	WM-01-035 - New Mex	ico						
S I	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: I Hereby c	ertify that the above de	scribed was	stes were o	delivered to this	s facility, th	at the
LY	authorized signature	rales	CELL NO.	an shiri teri	DATE	6/10/2018	N TIM	:50
GENERÃ	TOR: COPIES 1 & 6	DISPOSAL SITE	COPIES 2 & 3			TRANSPO	RTERS: C	OPIES 4 & 5

1		ND, LLC				ł		
	1300 WEST MAIN STREET • OKLAHOM	IA CITY, OK 73106 •	PHONE (405) 2	236-4257	- 8	h		
NO	N-HAZARDOUS WASTE MANIFEST NO	114717	1. PAGE_	_OF 2. TRA	AILER NO.	#D2		
G∕ ·	3. COMPANY NAME 4. ADDRESS Plains Pipeline, LP 2530 State H	ighway 214	generation de la participada de la seco	5. PICK-UP DA				
SK 1874	PHONE NO. (575) 441–1099	STATE	ZIP	6. TNRCC I.D. 1	NO.			
Е	7. NAME OR DESCRIPTION OF WASTE SHIPPED:	arte (tago del configencia) Second	8. CONTAIN		10. UNIT	11. TEXA		
<b>`</b> N **	a.Non-Regulated, Non Hazardous Waste	enta destructura de	No. Ty		Y Wt/VoI.	WASTE II		
.,	b. 101 Do	······		·				
E	<u>40,680</u>							
, ng tagi	WT: 1000 11000 10							
R	47,080 41,980 43,5 12. COMMENTS OR SPECIAL INSTRUCTIONS:	540	<u> </u>	12 WASTE				
Α	PLAINS COTTON DRAW STATION ULT "E"	$\overline{T} > 11$	Den	15. WASTE	PROFILE N			
	14. IN CASE OF EMERG	ENCY OR SPIL	<u>O, OU</u> L. CONTAG	27	· .	n pana amin'ny faritr'i Santa		
$\cdot$ $\mathbf{T}_{\mathrm{conv}}$	NAME PHONE NO Kin Slaughter 575-887-4048	······································			IR EMERGE	NCY NO.		
	15. GENERATOR'S CERTIFICATION: I Hereby declare that	the contents of this of	onsignment are	fully and accurate	v described a	hove by pror		
0	shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable sta	Ill respects in proper co	ondition for trans	sport by highway a	ccording to a	pplicable		
R	PRINTED/TYPED NAME	SIGNATURE				DATE		
T R	16. TRANSPORTER (1)	17.	TRANS	SPORTER (2)				
A N	NAME:	NAME:						
S	TEXAS I.D. NO. IN CASE OF EMERGENCY CONTACT: (432),559-329	TEXAS I.D. NO. <b>3</b> IN CASE OF EME				÷ >		
P O	EMERGENCY PHONE:	EMERGENCY PH		TACI:				
R T	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPO		cknowledgment of	f receipt of m	aterial		
E R	PRINTED/TYPED NAME HEGTOR VARE AND	20PRINTED/TYPEI	NAME					
S	SIGNATURE ALCAND DATE	SIGNATURE			DATE			
	ADDRESS:			PHONE	•			
DF	· ·	e Marker 64, U.	-	· · ·	575-88	7-4048		
I A S C	PERMIT NO.	Ailes East of Ca 20. COMMENTS	irisdad, iniv	1				
ΡI	WM-01-035 - New Mexico							
	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby c	artify that the phoye d	escribed wastes	were delivered to	this facility, t	hat the		
O L S I	facility is authorized and permitted to receive such wastes	citity that the above t	eserie ed musico					
	facility is authorized and permitted to receive such wastes.	CELL NO.						
LEA LAND DISPOSAL SITE NEW MEXICO MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048								
---------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------	------------------------------------	---------------	-----------------------	--------------------------	---------------------	-------------------------
LEA LAND, LLC 1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257								
NOI	N-HAZARDOUS WASTE MANII	EST NO	114718	1. PA	GEOF_	2. TRAII	LER NO.	18
G	a con a contra a service da contra con contra contra del constructione de la construcción de la construcción de	4. ADDRESS 2530 State Hi	ghway 214	N BARE MAR		ICK-UP DATE 6/14/2016		
sels de la Fran <b>E</b> fran	e berhanne saltganne seregenatione an este ministr. Nathra (geber bestapp							
n an Ma N	7. NAME OR DESCRIPTION OF WASTE SHIPP. Non-Regulated, Non-Hazardous Was a.		Quju u manganapu u mangan si	8. CON No.	TAINERS Type CM	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
Е	^{в.} 41,82D							
tterskips R	39.62D 41.0	20 42	.52D					
A A	12. COMMENTS OR SPECIAL INSTRUCTIONS PLAINS COTTON DRAW STATION	ULTa"Ettadore do c	TQ IL.	4.98	30	13. WASTE P	ROFILE N	0. <b>708588</b> 28.
- <b>T</b> risc	14. IN CA		ENCY OR SPIL	L, CON	NTACT	24-HOUR	EMERGEI	NCY NO.
о	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, ar international and national government regulations, in	id labeled, and are in a	Il respects in proper co	ndition fo	r transport l	by highway acc	ording to an	oplicable
R	PRINTED/TYPED NAME	SIGNATURE					DATE	
T	16. TRANSPORTER (1)		17. TRANSPORTER (2)					
R A	NAME:		NAME:					
N S	TEXAS I.D. NO.	Kurt Stanley	, TEXAS I.D. NO.					
P O	IN CASE OF EMERGENCY CONTACT:	(432) 559-329	⁵ IN CASE OF EME	RGENCY	CONTAC	T:		
R	EMERGENCY PHONE: 18. TRANSPORTER (1): Acknowledgment of	of receipt of material	EMERGENCY PH		2): Acknow	vledgment of re	eceint of ma	aterial
T E R	PRINTED/TYPED NAME	-	2016 PRINTED/TYPED			-		
S	SIGNATURE	DATE	SIGNATURE			D	ATE	
	A	ADDRESS:				PHONE:		
DF	Lea Land, LLC		Marker 64, U.S files East of Ca	-		),	575-887	7-4048
I A S C P I	30 Miles East of       PERMIT NO.       WM-01-035 - New Mexico				11171			
OL SI AT	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive such w	ATION: I Hereby c rastes.	ertify that the above de	escribed w				nat the
	autiorized signature	CELL NO.	مىلىد يۇر تەر دۇرىي	DATE	6/14/2016	TIM 8		
GENERA	GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5							

LEA LAND DISPOSAL SITE NEW MEXICO MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048								
	LEA LAND, LLC 1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257 AAVONS							
NOI	N-HAZARDOUS WASTE MANIH	EST NO	114719	1. PA	GEOF_	2. TRAII	LER NO.	257
G G		4.2530RState H	ghway 214 an tao an tao amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'ny faritr'o amin'	ta di tana a	5. F	1986-1472-07E	ы <i>ң</i> .	
E								
t, masaa	7. NAME OR DESCRIPTION OF WASTE SHIPPI	ED: steasaanna antoinna	alaan daalada ahaa hada ahaa hada ahaa ahaa a	1	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/VoI.	11. TEXAS WASTE ID #
N	a. The construction of additional anomaly attractive models in factors of the fac				<u> </u>			
Е	^b 25,32D							
$(e^{i\phi})^{1/2} = (0, -1)^{1/2}$	с. 							
R	4,880 44.71	0 4	3400					
A	12 CAME COPOR DRAW STATION	OF-Lander and the second second		1 an		13. WASTE P	ROFILE N	^{0.} 708588
	14. IN CA	ASE OF EMERC	ENCY OR SPIL	<del>7 1 ~</del> Γ. CON	I /			
$\mathbf{\hat{T}}^{act}$	NM#Slaughter and an					24-HOUR	EMERGEI	NCY NO.
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, ir	id labeled, and are in a	Il respects in proper con	ndition fo	r transport	by highway acc	ording to an	plicable
R	PRINTED/TYPED NAME SIGNATURE				*****			DATE
Т	16. TRANSPORTER (1)	*****	17.	TRANSPORTER (2)				
R A	NAME:		NAME:					
Ν	TEXAS I.D. NO.	Kurt Stanley						
S P	IN CASE OF EMERGENCY CONTACT:	(432),559-329	IN CASE OF EME	RGENCY	CONTAC	Т:		
O R	EMERGENCY PHONE:		EMERGENCY PHO					
Т	18. TRANSPORTER (1): Acknowledgment of	-	19. TRANSPOR			vledgment of re	eceipt of ma	aterial
E R	PRINTED/TYPED NAME H. Cha	122 8/14	2016 PRINTED/TYPED	NAME_				
S	SIGNATURE Hugelhones	DATE	SIGNATURE			D	ATE	
		ADDRESS:				PHONE:		
DF	Lea Land, LLC		Marker 64, U.S Ailes East of Ca	-		),	575-887	7-4048
I A S C P I	PERMIT NO. WM-01-035 - New Mex		20. COMMENTS	1180au,				
OL SI	21. DISPOSAL FACILITY'S CERTIFIC	ATION: I Hereby c	ertify that the above de	scribed w	astes were	delivered to thi	s facility, th	at the
A I T V	facility is authorized and permitted to receive such w	rastes.		the states and the	the state of the s	6/14/2018		
_	AUTHORIZED SIGNATURE $\int 002\alpha$	lee,	CELL NO.	e An an an Anna an Anna	DATE	in an	8 TIM	.05
GENER	NTOR: COPIES 1 & 6	SPOSAL SITE	: COPIES 2 & 3			TRANSPC	RTERS: C	OPIES 4 & 5

	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MILES				XICO	
	LEA LA 1300 WEST MAIN STREET • OKLAHON	<b>ND, LLC</b> 14 CITY, OK 73106 • 1	PHONE (405) 23	36-4257 A-C	irons	
NO	N-HAZARDOUS WASTE MANIFEST NO	114721	1. PAGE	OF 2. TRAI	LER NO 25	6
r=0uese G	³ Pigherbihar in a state of the second seco	ighway 214 and an Logar Martine	n Bradina (Bradina) 19 Bradina (Bradina) 19 Bradina (Bradina)	5. PICKH272071	3	
s vogså E	P(575) 49-1-1099 CBEnver City	STATET X	- 79 <b>3⊉</b> 3 (	6. TNRCC I.D. NO	).	
i e la trazlación	7. NAME OR DESCRIPTION OF WASTE SHIPPED: Non-Regulated: Non-Hazardous Waste	t 1660 ft - a st stat stat stat at st	8. CONTAINE			'EXAS TE ID #
N	$\mathbf{s}_{\mathrm{constraint}}$ is the second constraint of the second constraint $i$ . The second se	in the second		VION: S		
	b. 151.10	······································				
Е						
es i conte	d. AFRAD ALDON /	1 1 1 2				
R	40,040 41,880 42	, <i>3UU</i>		12 14 675 5		
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E"	a 14(a)	120	13. WASTE F	708 708	588
	14. IN CASE OF EMERG		L, CONTAC			
×°T ^{ort}	NAHESlaughter.	3	<u>-</u>	24-HOUR	EMERGENCY NO	0.
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable statement regulations.	all respects in proper con	ndition for transp	ort by highway acc	ording to applicable	e
R	PRINTED/TYPED NAME	SIGNATURE			DATE	
Т	16. TRANSPORTER (1)	17.	TRANSI	PORTER (2)		
R A	NAME:	NAME:		.,		
Ν	TEXAS I.D. NO. Crosser KurtsStanley	TEXAS I.D. NO.				
S P	IN CASE OF EMERGENCY CONTACT: (432) 559-32	IN CASE OF EME	RGENCY CONT	TACT:		
O R	EMERGENCY PHONE:	EMERGENCY PHO	ONE:			
Т	18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPOR	<b>RTER (2):</b> Acl	knowledgment of r	eccipt of material	
E R	PRINTED/TYPED NARE FOOL & CO. JAN 6614	20 RINTED/TYPED	NAME		·····	
S	SIGNATURE CLUS M DATE	SIGNATURE		D	ATE	
	ADDRESS:			PHONE:		
D D	Lea Land, LLC Mile	e Marker 64, U.S	5. Hwy 62/1	180,	575-887-404	8
DF IA	• • • • • • • • • • • • • • • • • • • •	Ailes East of Ca	rlsbad, NM			
S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS				
OL SI AT	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby of facility is authorized and permitted to receive such wastes.	ertify that the above de	scribed wastes w	vere delivered to th	is facility, that the	
LY	AUTHORIZED SIGNATURE	CELL NO.	unite series (Margarette DA	TE 6/14/2016	TIME	
,	Motor Soneolis.				(11°8)	
GENER'	TOR: COPIES 1 & 6	E: COPIES 2 & 3	and a subsection of the subsec	TRANSPO	DRTERS: COPIES	4 & 5

	LEA LAND DISPOSA MILE MARKER #64 US HWY 62/180 • 30 MILE					XIC	0		
	LEA L 1300 WEST MAIN STREET • OKLAHO	AND, LLC DMA CITY, OK 73106 •	PHONE (4	105) 236-4	²⁵⁷ M	Nir			
NO	N-HAZARDOUS WASTE MANIFEST NO	114722	1. PAC	GEOF_	2. TRAI	LER NO.	n-1		
rationalise G	3FISMEAPEEEEEEEE	Highway:214	ersejon proc	5. P	ICK/HP/20TH	Basa .			
ra dende da esta de Bengar E	P(575)441+1098-contraction contraction CEEnver. City	STATETX	<b>7</b> 9	<b>3123</b> 6. T	NRCC I.D. NC	).			
ette entrij	7. NAME OR DESCRIPTION OF WASTE SHIPPED: Non-Regulated, Non Hazardous Waste	n Maleksinga sedi - aniga akuwa		TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
Ν	$\frac{a}{b} - 2 \varepsilon 1 Q \varepsilon$								
E	c. WT								
R	43,240 37140 F	39.440							
A	12 CANNERTS PROFIDERAWS SPLATION WLT. "E"	$\frac{1}{16}$			13. WASTE P	ROFILE N	^{0.} 708588		
the <u>second</u> e	14. IN CASE OF EMER NKMESlaughter	GENCY OR SPIL	<u>, ()</u> L, CON	TACT	24 HOUR	EMEDGEN			
Ť									
0	15. <b>GENERATOR'S CERTIFICATION:</b> I Hereby declare the shipping name and are classified, packed, marked, and labeled, and are in international and national government regulations, including applicable	all respects in proper co	ndition for	transport	by highway acc	ording to an	onlicable		
R	PRINTED/TYPED NAME	SIGNATURE					DATE		
T	16. TRANSPORTER (1)	17.	TRANSPORTER (2)						
R A	NAME:	NAME:							
N S	TEXAS I.D. NO.	, DI LI IO 1.0. 110.							
Р	IN CASE OF EMERGENCY CONTACT: (432),559-3.	IN CASE OF EME	RGENCY	CONTAC	Г:				
O R	EMERGENCY PHONE:	EMERGENCY PH							
Т	18. TRANSPORTER (1): Acknowledgment of receipt of materia			:): Acknow	vledgment of re	ceipt of ma	iterial		
E R	PRINTED/TYPED NAMEN ARCIZO MARTIN 6/1	4/2016/TYPED	NAME		····				
S	SIGNATURE MONING MON DATE	SIGNATURE			D	<u>ATE</u>			
	ADDRESS:				PHONE:				
DF		le Marker 64, U.S Miles East of Ca			,	575-887	7-4048		
I A S C P I	PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS		<u>, 1111</u>					
OL SI AT	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby facility is authorized and permitted to receive such wastes.	certify that the above de	escribed wa	astes were	delivered to thi	s facility, th	at the		
LY	AUTHORIZED SIGNATURE	CELL NO.	de <mark>r</mark> tendigen (1	DATE	6/14/2016	TIM	E 5/D		
JENER.	ATOR: COPIES 1 & 6 JUSPOSAL SI	TE: COPIES 2 & 3			TRANSPC	RTERS: CO	OPIES 4 & 5		

	LEA LAND DISPOSAL SITE NEW MEXICO MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048								
	LEA LAND, LLC 1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257								
NO	N-HAZARDOUS WASTE MANIFEST NO	114723	1. PA	GEOF_	2. TRAII	LER NO. 7	<i>±</i> 23		
G G		ghway:214	êren a wita yê		196/12/2018	<b>}</b>			
rise ∾ein E	P(575) N9.1-1099.	STATE	79	3 <b>123</b> 6. T	NRCC I.D. NO	).			
N. S. Sarah	7. NAME OR DESCRIPTION OF WASTE SHIPPED: Non-Regulated Non-Hazardous Waste	·	8. CONT	TAINERS	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #		
N	alaccentraciant and and and and a second states and a second state of the second states and second states and s	<u>trakké kora boro z doro pri orozati o o jese</u> A		<u> </u>			WASTE ID #		
	b. 2018D								
Е									
Sar Hiller			<b> </b>						
R	34,540 34,220 42	LLD_							
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E"	T@ 150	9 DT	ir Veterneum	13. WASTE P	ROFILE NO	D. <b>708588</b>		
	14. IN CASE OF EMERG		L, CON	TACT					
T	NAME Slaughter and a second standards of the State Sta	alle de		15.5	24-HOUR	EMERGEN	NCY NO.		
0	15. GENERATOR'S CERTIFICATION: I Hereby declare that shipping name and are classified, packed, marked, and labeled, and are in a international and national government regulations, including applicable sta	l respects in proper cor	ndition for	transport l	ov highway acco	ording to an	nlicable		
R	PRINTED/TYPED NAME	SIGNATURE					DATE		
T	16. TRANSPORTER (1)	17.	TR	ANSPOI	RTER (2)				
R	NAME:	NAME:			$\operatorname{KLER}(2)$				
A N	TEXAS I.D. NO. Stanley								
S P	IN CASE OF EMERGENCY CONTACT: (432) 559-329	3 IN CASE OF EMER							
0	EMERGENCY PHONE:			CONTAC	1:				
R T	18. TRANSPORTER (1): Acknowledgment of receipt of material	EMERGENCY PHO 19. TRANSPOR		:): Acknow	vledgment of re	ceipt of ma	terial		
Е	PRINTED/TYPED NAME , NOE SOTO 8/14	2018 NTED/TYPED	NAME						
R S									
	SIGNATURE TURAN DATE	SIGNATURE			DA	ATE			
	ADDRESS: Lea Land, LLC Mile	Marker 64, U.S	С Цил.	62/100	PHONE:	575-887	1049		
DF		liles East of Car	•		, .	575-007	-4040		
I A S C P I		20. COMMENTS	,						
OL SI AT	21.DISPOSAL FACILITY'S CERTIFICATION: I Hereby confacility is authorized and permitted to receive such wastes.	ertify that the above de	scribed wa	astes were	delivered to this	s facility, th	at the		
LY	AUTHORIZED SIGNATURE	CELL NO.	वित्यह _ू भूमे स्ट्रि	DATE	6/14/2016	TIM	.35		
JENER.	NTOR: COPIES 1 & 6 O ODISPOSAL SITE	COPIES 2 & 3			TRANSPO	RTERS: CO	OPIES 4 & 5		

LEA LAND DISPOSAL SITE NEW MEXICO MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048									
	LEA LAND, LLC 1300 WEST MAIN STREET • OKLAHOMA CITY, OK 73106 • PHONE (405) 236-4257								
NO	N-HAZARDOUS WASTE MANII	FEST NO	114724	1. PA	GEOF	_ 2. TRAII	LER NO.	D-8	
G	3. COMPANY NAME	4. ADDRESS			1	CK-UP DATE			
- Ga	Plains Pipeline, LP PHONE NO.	CITY	Highway 214 STATE	utur uta a t		6/14/2018 IRCC I.D. NO		·····	
E E	<b>(575):441–1099</b> (575):441–1099	Benver City	tan in the of <b>TX</b> and the b	- // <b>79</b>	323				
	7. NAME OR DESCRIPTION OF WASTE SHIPP	ED:	-	8. CONT No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	I1. TEXAS WASTE ID #	
N	*Non-Regulated, Non Hazardous, Wa	steamaranta	hinston y Laterta atauntika.	S 12 - <b>1</b> 22	CM ^M				
	». 21, RQ								
E	c.								
28 - 28 4	d.WT0 12 700 101	na tr	000						
R	12. COMMENTS OR SPECIAL INSTRUCTIONS	<u>10 41</u>	920			3. WASTE PI			
A.	PLAINS COTTON DRAW STATION			611				⊃. ∼708588∞⊲	
А	14. IN C	ASE OF EMED	GENCY OR SPIL	$\frac{D}{1}$					
T	NAME	PHONE NO		L, CON	IACI	24-HOUR	EMERGEN	NCY NO.	
	te Kini Slaughter des street need toten son son son son son son son son son so								
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, ar international and national government regulations, in	nd labeled, and are ir	all respects in proper co	ndition for	transport by	/ highway acco	ording to an	nlicable	
R	PRINTED/TYPED NAME		SIGNATURE	DATE					
T R	16. TRANSPORTER (1)		17.	17. TRANSPORTER (2)					
A	NAME:		NAME:						
N S	TEXAS I.D. NO.	Kurt-Stanle	TEXAS I.D. NO.	D. NO.					
Р	IN CASE OF EMERGENCY CONTACT: (432) 559-3293 IN CASE OF EM				ERGENCY CONTACT:				
					CONTACT				
O R		200 Dec 200 De	EMERGENCY PH	ONE:			ceint of ma	terial	
0	18. TRANSPORTER (1): Acknowledgment	of receipt of materia	EMERGENCY PHO I 19. TRANSPOL	<u>one:</u> RTER (2	;): Acknowl	edgment of re	•	terial	
O R T E R	18. TRANSPORTER (1): Acknowledgment	of receipt of materia	EMERGENCY PH	<u>one:</u> RTER (2	;): Acknowl	edgment of re	•	terial	
O R T E	18. TRANSPORTER (1): Acknowledgment	of receipt of materia	EMERGENCY PHO I 19. TRANSPOL	ONE: RTER (2 NAME	?): Acknowl	edgment of re	•	terial	
O R T E R	18. TRANSPORTER (1): Acknowledgment	of receipt of materia $e \sqrt{1}$ $n = \frac{6}{4}$ DATE ADDRESS:	Signature	ONE: RTER (2 NAME	?): Acknowl	edgment of re DA	NTE		
O R T E R	18. TRANSPORTER (1): Acknowledgment	of receipt of materia $e \checkmark 100$ $b \land 1000$ $b \land 10000$ $b \land 10000$ $b \land 100000$ $b \land 100000000000000000000000000000000000$	EMERGENCY PHO EMERGENCY PHO 1 19. TRANSPOI 2010 2010 SIGNATURE le Marker 64, U.S	ONE: <b>RTER (2</b> NAME S. Hwy	2): Acknowl 62/180,	edgment of re DA	-		
O R T E R S D F I A	18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME SIGNATURE Lea Land, LLC PERMIT NO.	of receipt of materia RVID 6/4 DATE ADDRESS: Mi 30	Signature	ONE: <b>RTER (2</b> NAME S. Hwy	2): Acknowl 62/180,	edgment of re DA	NTE		
O R T E R S D F I A S C P I	18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME O U. H. (1) SIGNATURE Control of the Cont	of receipt of materia RVID 6/4 DATE ADDRESS: Mi 30	emergency pho emergency pho 1 19. TRANSPOI 2016 SIGNATURE signature le Marker 64, U.S Miles East of Ca	ONE: <b>RTER (2</b> NAME S. Hwy	2): Acknowl 62/180,	edgment of re DA	NTE		
O R T E R S D F I A S C P I O L S I A T	18. TRANSPORTER (1): Acknowledgment PRINTED/TYPED NAME SIGNATURE Lea Land, LLC PERMIT NO.	of receipt of materia $e \checkmark \land n \urcorner = 6/4$ <u>BATE</u> ADDRESS: Mi 30 ico ATION: 1 Hereby	emergency pho emergency pho 1 19. TRANSPOI 2016 SIGNATURE SIGNATURE le Marker 64, U.S Miles East of Ca 20. COMMENTS	ONE: <b>RTER (2</b> NAME S. Hwy rlsbad,	62/180,	edgment of re DA PHONE:	лте 575-887		
O R T E R S D F I A S C P I O L S I I A T	18. TRANSPORTER (1): Acknowledgment ( PRINTED/TYPED NAME () () () () () () () () () () () () ()	of receipt of materia $e \checkmark \land n \urcorner = 6/4$ <u>BATE</u> ADDRESS: Mi 30 ico ATION: 1 Hereby	emergency pho emergency pho 1 19. TRANSPOI 2016 SIGNATURE SIGNATURE le Marker 64, U.S Miles East of Ca 20. COMMENTS	ONE: <b>RTER (2</b> NAME S. Hwy rlsbad, escribed wa	2): Acknowl 62/180, NM	edgment of re DA PHONE:	STE	2-4048 at the	

LEA LAND DISPOSAL SITE NEW MEXICO MILE MARKER #64 US HWY 62/180 • 30 MILES EAST OF CARLSBAD, NM • PHONE (575) 887-4048								
	1300 WEST MAIN S		<b>ND, LLC</b> a city, ok 73106 • 1	PHONE (405)	) 236-425	$\sqrt{2}$	iño	nls
NOI	N-HAZARDOUS WASTE MANII	EST NO	114725	1. PAGE	OF	2. TRAII	ER NO.	[‡] 4-
orseGraa	3. COMPANY NAME Plains Pipeline, LP	4. ADDRESS 2530 State Hi CITY	ghway 214		at ingen d		l	
i esta	(575) 441-1099 (2007) - 2007 (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (2007) (			30 g.	RCC I.D. NC			
Ň	7. NAME OR DESCRIPTION OF WASTE SHIPP	managan pragola analar magar		ype (	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #	
Е	b.							
LL Charles								
R	12. COMMENTS OR SPECIAL INSTRUCTIONS				1	3. WASTE P	ROFILE NO	D.
A	PLAINS:COTTON:DRAW/STATION		ENCY OR SPIL			27234 - 5. 83 Anna - 1. 199	1975	an <b>708588</b> .
<b></b>	NAME	PHONE NO	······································	L, CONTA		24-HOUR	EMERGEN	NCY NO.
0	15. GENERATOR'S CERTIFICATION: shipping name and are classified, packed, marked, an international and national government regulations, in	d labeled, and are in a	Il respects in proper cor	ndition for tra	nsport by	highway acc	ording to an	plicable
R	PRINTED/TYPED NAME		SIGNATURE	******				DATE
Т	16. TRANSPORTER (1)		17. TRANSPORTER (2)					
R A	NAME:		NAME:					
Ν	TEXAS I.D. NO.	March Charles						
S P	IN CASE OF EMERGENCY CONTACT:	Kurt Stanley (432) 559-329	3 IN CASE OF EMEI	RGENCY CO	NTACT:			
0	EMERGENCY PHONE:	n an	EMERGENCY PHO					
R T E	18. TRANSPORTER (1): Acknowledgment of	IUN	19. TRANSPOR		Acknowle	edgment of re	ceipt of ma	terial
R S	PRINTED/TYPED NAME		20 RINTED/TYPED					
	SIGNATURE Y	ĐAŤE	SIGNATURE			D/	ATE	
	Lea Land, LLC	ADDRESS: Mile	Marker 64, U.S	S. Hwv 62	2/180	PHONE:	575-887	7-4048
DF			files East of Car	-				
I A S C P I	PERMIT NO. WM-01-035 - New Mexico							
OL SI AT	21.DISPOSAL FACILITY'S CERTIFIC. facility is authorized and permitted to receive such w	ATION: I Hereby co astes.	ertify that the above de	scribed waste	s were de	livered to thi	s facility, th	at the
LY	autionized signature	n preserve and the construction of the constru	CELL NO.	ar an	DATE 6	/14/2016		е 5D
	ATOR: COPIES 1 & 6	DISPOSAL SITE	CODIEC 0 0 0			TRANSPC		

Appendix E BLM and NMOCD email correspondence

## Stanley, Curtis D.

From:	Pair, Randal <rpair@blm.gov></rpair@blm.gov>
Sent:	Thursday, July 21, 2016 8:16 PM
То:	Keyes, Jamie, EMNRD
Cc:	Stanley, Curtis D.; Camille J Bryant
Subject:	Re: Plains Pipeline Cotton Draw Station Release Site

BLM agrees to backfilling any remaining excavation at this time. Any further action BLM might take will wait on the results of the additional sampling in 6 months.

Randal "Randy" Pair Envir. Protection Specialist - Realty Compliance office: 575.234.6240 cell: 575.361.0062 email: <u>rpair@blm.gov</u>

On Thu, Jul 14, 2016 at 3:12 PM, Keyes, Jamie, EMNRD < Jamie.Keyes@state.nm.us> wrote:

That is correct.

From: Stanley, Curtis D. [mailto:<u>CDStanley@trcsolutions.com]</u> Sent: Thursday, July 14, 2016 3:01 PM To: Keyes, Jamie, EMNRD; Camille J Bryant Cc: 'Pair, Randal'

Subject: RE: Plains Pipeline Cotton Draw Station Release Site

Jamie,

Thank you for your response.

To confirm, I understand NMOCD is granting Plains permission to backfill the Cotton Draw Station Release Site and concurs with the BLM conditions for closure as stated below.

Thank you,

Curt D. Stanley Senior Project Manager



2057 Commerce, Midland, TX 79703

T: 432.520.7720 F: 432.520.7701 C: 432.559.3296

LinkedIn Twitter Blog www.trcsolutions.com

From: Keyes, Jamie, EMNRD [mailto:Jamie.Keyes@state.nm.us] Sent: Thursday, July 07, 2016 10:27 AM To: Camille J Bryant <<u>CJBryant@paalp.com</u>> Cc: Stanley, Curtis D. <<u>CDStanley@trcsolutions.com</u>>; 'Pair, Randal' <<u>rpair@blm.gov</u>> Subject: RE: Plains Pipeline Cotton Draw Station Release Site

Good morning,

OCD concurs with the BLM conditions. I look forward to the closure report.

Thank you,

Jamie

From: Camille J Bryant [mailto:CJBryant@paalp.com]
Sent: Tuesday, July 05, 2016 1:33 PM
To: Keyes, Jamie, EMNRD; 'Pair, Randal'
Cc: Stanley, Curtis D. (CDStanley@trcsolutions.com)
Subject: Plains Pipeline Cotton Draw Station Release Site

### Jamie / Randy,

On the morning of June 27, 2016, a TRC representative met with a representative of the NMOCD Hobbs District Office on behalf of Plains Pipeline. The purpose of the meeting was to discuss the current status of the Plains Cotton Draw Station Release Site (1RP-4276) and request permission to backfill the excavation. The Release Site is located in Unit Letter E, Section 3, Township 26 S, Range 32 East in Lea County, NM. The depth to groundwater at the Release Site is approximately 260 feet below ground surface (bgs).

The TRC representative understood NMOCD approved leaving "in situ" limited volumes of impacted soil (represented by soil samples Sample-3A @ 6", SK-200B @ 1.5', and P400B @ 2') located adjacent to concrete structural supports, under the equipment skid and beneath the aboveground facility piping. Excavation in these areas could potentially affect the integrity of the pipe supports and the associated aboveground piping, creating a safety and a potential environmental hazard. Per Plains, the "in situ" impacted soil will be remediated at time of abandonment (ATOA) of the facility. In addition, the TRC representative understood NMOCD approved backfilling the release site with non-impacted material. Approximately 3,000 cubic yards of impacted soil was previously transported to Lea Land Landfill for disposal.

On June 28, 2016, a Plains representative met with a BLM (landowner) representative to discuss the current status of the Plains Cotton Draw Station Release Site (1RP-4276) and request permission to backfill the excavation. The BLM representative approved the backfilling of the excavation with the following conditions.

- The areas represented by soil samples Sample-3A @ 6", SK-20B @ 1.5', and P400B @ 2' must be treated with Microbaze® before backfilling can commence. Please note, on June 29, 2016, the areas of concern were treated with Microbaze®, as requested by the BLM Representative.
- The areas stated above must be marked with stakes prior to backfilling, to identify the areas of concern.
- Non-impacted caliche placed outside the facility fences during the facility construction phase has been removed and will be utilized as backfill material.
- Additional volumes of non-impacted caliche will be purchased from the New Mexico State Land Office (NMSLO) to complete the backfilling of the excavation.
- The areas of concern must be resampled for benzene, toluene, ethylbenzene, and xylene (BTEX) by Method 8021B, total petroleum hydrocarbons (TPH) by Method 8015M, and chloride by Method E300.0, six (6) months after the backfilling has been completed.
- Non-impacted soil will be purchased from Lea Land to backfill remediated areas south of the facility fence.

Following backfilling activities, a "Remediation Summary and Site Closure Request" will be prepared and submitted to the NMOCD and BLM for approval.

Plains is prepared to commence the activities stated above with written NMOCD and BLM approval. If you have any questions or concerns, please contact me at 575-441-1099 or via email.

Thank you for your time and consideration,

Camille J. Bryant

**Remediation Coordinator** 

Plains All American

2530 State Highway 214

Denver City, Texas 79323

Office: 806.592.2555

Cell: 575.441.1099

Fax: 806.592.7479

Email: cjbryant@paalp.com

### 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 F Release Notification and Corrective Action (NMOCD Form C-141) Surface Owner BLM

State of New Mexico Energy Minerals and Natural Resources



Lease No.

Submit 2 Copies to appropriate District Office in accordance

with Rule 116 on back

side of form

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

# **Release Notification and Corrective Action**

		OPERATOR	Initial Report	Final Report
Name of Company	Plains Pipeline LP	Contact Camille Bryant		
Address	2530 State Hwy. 214, Denver City, TX 79323	Telephone No. (575) 441-1099		
Facility Name	Cotton Draw Station	Facility Type Pipeline		
	÷			

LOCATION OF RELEASE

Mineral Owner

				20001				
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	3	26S	32E					Lea

Latitude N 32.07570° Longitude W 103.67049°

#### NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 190 bbls	Volume Recovered 100 bbls
Source of Release Pipeline	Date and Hour of Occurrence	Date and Hour of Discovery
	04/19/2016 @ 08:40	04/19/2016 @ 08:40
Was Immediate Notice Given?	If YES, To Whom?	
🛛 Yes 🗌 No 🔲 Not Required	Verbal notification to Jamie Keyes	
·		
By Whom? Camille Bryant	Date and Hour 04/19/2016@10:	
Was a Watercourse Reached?	If YES, Volume Impacting the Wate	ercourse.
🗌 Yes 🖾 No		
If a Watercourse was Impacted, Describe Fully.*		
in a watercourse was impacted, Describe Funy.		
Describe Cause of Problem and Remedial Action Taken.* Failure to reco	anize hererd of the removal of a blind	from an active system with no use of look
out-tag-out and failure to identify the need for coordination on simultaneous	ous tasks on the same equipment result	ed in a release of crude off.
Describe Area Affected and Cleanup Action Taken. The released crude o		
release fluid then flowed south and impacted an area of approximately 2,8		
south impacting an area of approximately 450 square feet off the caliche	pad. The impacted area will be remedia	ated as per applicable NMOCD guidelines.
I hereby certify that the information given above is true and complete to t		
regulations all operators are required to report and/or file certain release r		
public health or the environment. The acceptance of a C-141 report by the		
should their operations have failed to adequately investigate and remedia		
or the environment. In addition, NMOCD acceptance of a C-141 report of	loes not relieve the operator of respons	sibility for compliance with any other
federal, state, or local laws and/or regulations.		
	OIL CONSERV	VATION DIVISION
I C D. NY		
Signature MILL M		
	Approved by District Supervisor:	Jan L'hyer
Printed Name: Camille Bryant	Approved by District Supervisor.	
	0-11-11-11	07/12/2016
Title: Remediation Coordinator	Approval Date: 05/12/2016	Expiration Date:
E-mail Address: cjbryant@paalp.com	Conditions of Approval:	
	Discrete samples only. Delineate and r	Attached
	NMOCD guidelines. Ensure BLM con-	currence/

* Attach Additional Sheets If Necessary

approval.

nJXK1613338108 pJXK1613338272"