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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

NMOCD grants approval for closure of 1RP-4276.

May 2017

Curt D. Stanley
Senior Project Manager

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Senior Project Manager

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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 non-impacted 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 Teflon-lined 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

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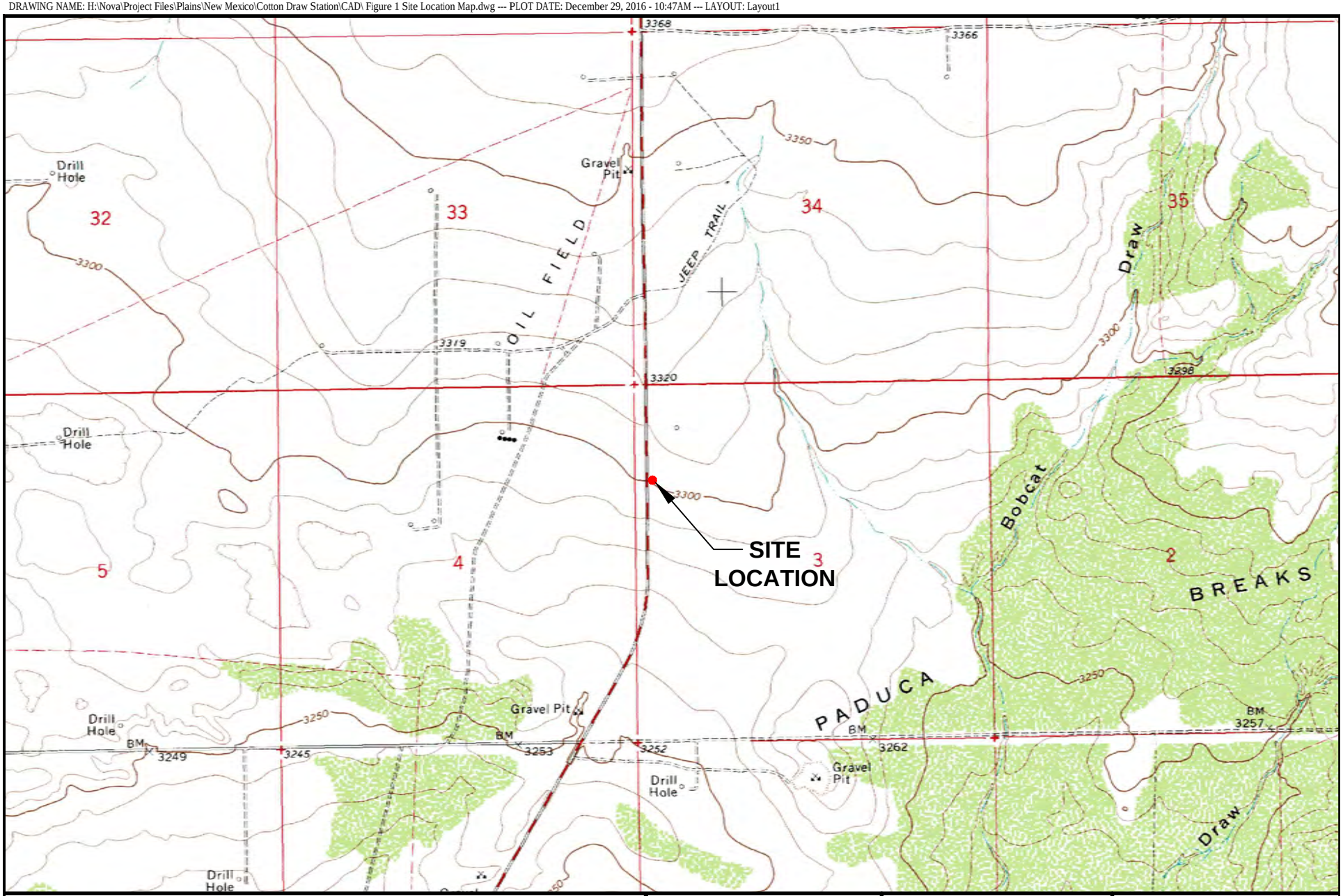
Figures

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



LEGEND:

2000 1000 0 1000 2000

Distance in Feet

Figure 1

Site Location Map
Plains Pipeline, LP
CottonDraw Station
Lea County, NM

Scale: 1" = 2000'	
CAD By: TA	Checked By: CS
Draft: May 12, 2016	
Lat. N 32.07570° , Long. W 103.67049°	
SW1/4 NW1/4 Sec 3 T26S R32E	
TRC Proj. No.: 256919	

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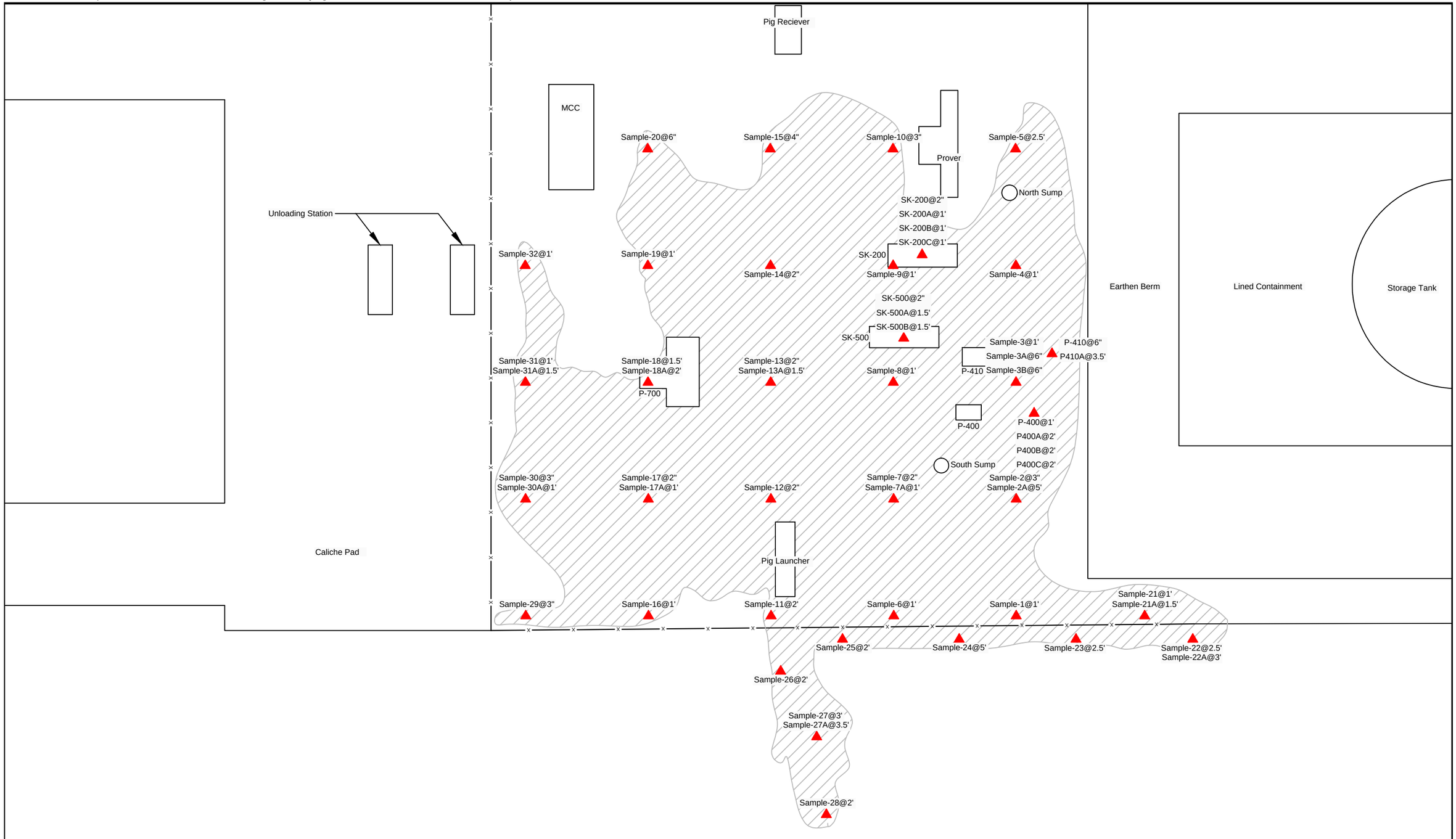
Midland, Texas 79703
432.520.7720

DRAWING NAME: H:\Nova\Project Files\Plains\New Mexico\Cotton Draw Station\CAD\ Figure 2A Site MAp.dwg --- PLOT DATE: December 29, 2016 - 10:46AM --- LAYOUT: Layout2



LEGEND:

- Soil Sample Location
- Fence

Figure 2
Site Details & Confirmation
Soil Sample Location Map
Plains Pipeline, LP
Cotton Draw Station
Lea County, NM

Scale: 1" = 40'	
CAD By: TA	Checked By: CS
Date: May 12, 2016	
Lat. N 32.07570°, Long. W 103.67049°	
SW1/4 NW1/4 Sec 3 T26S R32E	
TRC Proj. No.: 256919	

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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

SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (feet)	STATUS	Methods: EPA SW 846-8021B, 5030						Methods:				Method:
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	m,p, XYLENE (mg/Kg)	o-XYLENE (mg/Kg)	TOTAL BTEX (mg/Kg)	EPA SW 846-8015M				E300
										GRO (mg/Kg)	DRO (mg/Kg)	ORO (mg/Kg)	TOTAL TPH (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Regulatory Guideline				**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

SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (feet)	STATUS	Methods: EPA SW 846-8021B, 5030						Methods:				Method:
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	m,p, XYLENE (mg/Kg)	o-XYLENE (mg/Kg)	TOTAL BTEX (mg/Kg)	EPA SW 846-8015M				E300
										GRO (mg/Kg)	DRO (mg/Kg)	ORO (mg/Kg)	TOTAL TPH (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Regulatory Guideline				**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
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

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

SAMPLE LOCATION	SAMPLE DATE	SAMPLE DEPTH (feet)	STATUS	Methods: EPA SW 846-8021B, 5030						Methods:				Method:
										EPA SW 846-8015M				E300
				BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	m,p, XYLENE (mg/Kg)	o-XYLENE (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	ORO (mg/Kg)	TOTAL TPH (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Regulatory Guideline				**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

Photographic Documentation

Client: Plains Pipeline, L.P.
Project Name: Cotton Draw Station

Prepared by: TRC Environmental Corporation
Location: Lea County, New Mexico

Photograph No. 1 **Date:** **April 20, 2016** **Description:** **Looking northeast.** **Initial photo of Release from inside southwest gate.**	
Photograph No. 2 **Date:** **May 6, 2016** **Description:** **Looking north-northeast** **Excavation activities in progress.**	

Photographic Documentation

Client: Plains Pipeline, L.P.
Project Name: Cotton Draw Station

Prepared by: TRC Environmental Corporation
Location: Lea County, New Mexico

Photograph No. 3 **Date:** **May 11, 2016** **Description:** **Looking east.** **Excavation activities in progress.**	
Photograph No. 4 **Date:** **May 18, 2016** **Description:** **Looking northeast.** **Excavation activities in progress.**	

Photographic Documentation

Client: Plains Pipeline, L.P.
Project Name: Cotton Draw Station

Prepared by: TRC Environmental Corporation
Location: Lea County, New Mexico

Photograph No. 5 **Date:** **May 18, 2016** **Description:** **Looking south** **Excavation activities in progress in pasture adjacent to Station**	
Photograph No. 6 **Date:** **October 26, 2016** **Description:** **Looking north** **Backfilling and capping of Station completed.**	

Photographic Documentation

Client: Plains Pipeline, L.P.
Project Name: Cotton Draw Station

Prepared by: TRC Environmental Corporation
Location: Lea County, New Mexico

Photograph No. 7 **Date:** **October 26, 2016** **Description:** **Looking northeast.** **Backfilling and capping of Station completed.**	
Photograph No. 8 **Date:** **October 26, 2016** **Description:** **Looking east.** **Backfilling and capping of Station completed.**	

Photographic Documentation

Client: Plains Pipeline, L.P.
Project Name: Cotton Draw Station

Prepared by: TRC Environmental Corporation
Location: Lea County, New Mexico

Photograph No. 9 **Date:** **October 26, 2016** **Description:** **Looking northeast.** **Backfilling and capping of Station completed.**	
Photograph No. 10 **Date:** **October 26, 2016** **Description:** **Looking east.** **Backfilling and capping of Station completed. Photo from outside southwest gate.**	

Appendix B
Laboratory Analytical Reports

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

PBELAB

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

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

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

Fax: (432) 520-7701

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''

6D25004-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**4.0**	0.1	%	1	P6D2704	04/27/16	04/27/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6D2806*	*04/26/16*	*04/27/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

P-410 @ 6"

6D25004-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**4.0**	0.1	%	1	P6D2704	04/27/16	04/27/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6D2806*	*04/26/16*	*04/27/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.8 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

P-400 @ 1'

6D25004-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**7.0**	0.1	%	1	P6D2704	04/27/16	04/27/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6D2806*	*04/26/16*	*04/27/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.6 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

SK-500 @ 2''

6D25004-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**3.0**	0.1	%	1	P6D2704	04/27/16	04/27/16	% calculation	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6D2806*	*04/26/16*	*04/27/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.6 %*	*70-130*		*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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6D2704 - * DEFAULT PREP *** **										
Blank (P6D2704-BLK1)				Prepared & Analyzed: 04/27/16						
% Moisture	ND	0.1	%							
Duplicate (P6D2704-DUP1)		**Source: 6D25002-30**		Prepared & Analyzed: 04/27/16						
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P6D2704-DUP2)		**Source: 6D25002-89**		Prepared & Analyzed: 04/27/16						
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P6D2704-DUP3)		**Source: 6D25002-90**		Prepared & Analyzed: 04/27/16						
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P6D2704-DUP4)		**Source: 6D25003-01**		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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	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)	**Source: 6D25004-02**			Prepared: 04/26/16 Analyzed: 04/27/16						
C6-C12	7290	125	mg/kg wet	1000	8800	NR	75-125			QM-05
>C12-C28	13600	125	"	1000	17100	NR	75-125			QM-05
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*46.8*		*"*	*50.0*		*93.6*	*70-130*			
Matrix Spike Dup (P6D2806-MSD1)	**Source: 6D25004-02**			Prepared: 04/26/16 Analyzed: 04/27/16						
C6-C12	7340	125	mg/kg wet	1000	8800	NR	75-125	NR	20	QM-05
>C12-C28	13700	125	"	1000	17100	NR	75-125	NR	20	QM-05
Surrogate: 1-Chlorooctane	*112*		*"*	*100*		*112*	*70-130*			
Surrogate: o-Terphenyl	*59.4*		*"*	*50.0*		*119*	*70-130*			

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

Report Approved By: Brent Barron Date: 4/29/2016

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley
Company Name: TRC Environmental Corporation
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720
Fax No:
Sampler Signature:
e-mail: cdstanley@trcsolutions.com, cjbryant@paalp.com

Project Name: Cotton Draw Station
Project #: TBD
Project Loc: Lea County, New Mexico
PO #:
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 6D25004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1	8015M	8015B	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 Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	SK-200 @ 2"			4/21/2016	1300		1	X								Soil	X																		X
2	P-410 @ 6"			4/21/2016	1310		1	X								Soil	X																		X
3	P-400 @ 1'			4/21/2016	1320		1	X								Soil	X																		X
4	SK-500 @ 2"			4/21/2016	1330		1	X								Soil	X																		X

Special Instructions:
Bill to Plains, HOLD for BTEX

Relinquished by:	Date	Time	Received by:	Date	Time
	4/25/16	11:00			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	4/25/16	11:00

Laboratory Comments:

Sample Containers Intact?	N
VOCs Free of Headspace?	N
Labels on container(s)	N
Custody seals on container(s)	N
Custody seals on cooler(s)	N
Sample Hand Delivered	N
by Sampler/Client Rep. ?	N
by Courier? UPS DHL FedEx Lone Star	
Temperature Upon Receipt:	
Received: 3.0 °C	
Adjusted: °C Factor NCF LI	

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

PBELAB

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

Fax: (432) 520-7701

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)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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-GC*
Surrogate: 1,4-Difluorobenzene		*115 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1108*	*05/10/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

P-410 A @ 3.5'

6E09010-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*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*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1108*	*05/10/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.2 %*	*70-130*		*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	

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2057 Commerce Street
Midland TX, 79703

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

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SK-500 A @ 1.5'

6E09010-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1108*	*05/10/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.3 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

SK-200 A @ 1

6E09010-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1108*	*05/10/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*85.6 %*	*70-130*		*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	

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

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

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Sample-1 @ 1'

6E09010-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*133 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1108*	*05/10/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*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	

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

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

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Sample-2 @ 3''

6E09010-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1108*	*05/10/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*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	

TRC Solutions- Midland, Texas
2057 Commerce Street
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Sample-3 @ 1'

6E09010-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 (o)	**0.108**	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*63.1 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*97.8 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1108*	*05/10/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*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)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.2 %*	*70-130*		*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	

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Sample-5 @ 2.5'

6E09010-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.3 %*	*70-130*		*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	

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Sample-6 @ 1'

6E09010-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*123 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.6 %*	*70-130*		*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	

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Sample-7 @ 2''

6E09010-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 (o)	**0.0475**	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*114 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*72.1 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
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	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*132 %*	*70-130*		*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	

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Sample-8 @ 1'

6E09010-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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: 1,4-Difluorobenzene		*123 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*121 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**47.8**	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 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	**88.7**	25.5	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	**43.1**	25.5	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.9 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**132**	25.5	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

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Sample-9 @ 1'

6E09010-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*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*	
General Chemistry Parameters by EPA / Standard Methods									
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 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.0 %*	*70-130*		*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	

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Sample-10 @ 3''

6E09010-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 (o)	**0.0120**	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*123 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*115 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.7 %*	*70-130*		*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	

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Sample-12 @ 2''

6E09010-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*125 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.3 %*	*70-130*		*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	

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Sample-13 @ 2''

6E09010-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*113 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*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	

Sample-14 @ 2''

6E09010-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, 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	**0.0111**	0.00102	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	**0.0759**	0.00204	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	**0.0319**	0.00102	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		*130 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**34.4**	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 8015M									
C6-C12	**59.8**	25.5	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**996**	25.5	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

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Sample-15 @ 4"

6E09010-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*124 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.8 %*	*70-130*		*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	

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Sample-16 @ 1'

6E09010-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*124 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*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	

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Sample-17 @ 2''

6E09010-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*67.1 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.1 %*	*70-130*		*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	

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Sample-21 @ 1'

6E09010-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 (o)	**0.0261**	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*63.4 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*114 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*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	

Sample-22 @ 2.5'

6E09010-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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	**0.00567**	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	**0.0807**	0.00204	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	**0.0238**	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*67.7 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*114 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.50**	1.02	mg/kg dry	1	P6E2312	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 8015M									
C6-C12	**1190**	128	mg/kg dry	5	P6E1205	05/11/16	05/11/16	TPH 8015M	
>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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*119 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**8720**	128	mg/kg dry	5	[CALC]	05/11/16	05/11/16	calc	

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Sample-23 @ 2.5'

6E09010-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 (o)	**0.00227**	0.00101	mg/kg dry	1	P6E2305	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*123 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*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	

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Sample-24 @ 5'

6E09010-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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)	**0.00353**	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: 4-Bromofluorobenzene		*115 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
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**	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-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C12-C28	**156**	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
>C28-C35	**28.4**	25.3	mg/kg dry	1	P6E1205	05/11/16	05/11/16	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.1 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P6E1205*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**185**	25.3	mg/kg dry	1	[CALC]	05/11/16	05/11/16	calc	

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Sample-25 @ 2'

6E09010-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*124 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1205*	*05/11/16*	*05/12/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

Sample-26 @ 2'

6E09010-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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)	**0.00322**	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: 4-Bromofluorobenzene		*119 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*122 %*	*75-125*		*P6E2305*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9.12**	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-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P6E1205	05/11/16	05/12/16	TPH 8015M	
>C12-C28	**56.3**	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		*96.0 %*	*70-130*		*P6E1205*	*05/11/16*	*05/12/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P6E1205*	*05/11/16*	*05/12/16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**56.3**	25.3	mg/kg dry	1	[CALC]	05/11/16	05/12/16	calc	

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

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

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Sample-27 @ 3'

6E09010-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	**0.00354**	0.00202	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	**0.0137**	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	**0.0665**	0.00202	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	**0.0207**	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*74.7 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
Surrogate: 1,4-Difluorobenzene		*111 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.26**	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-C35 by EPA Method 8015M									
C6-C12	**1160**	126	mg/kg dry	5	P6E1205	05/11/16	05/12/16	TPH 8015M	
>C12-C28	**6620**	126	mg/kg dry	5	P6E1205	05/11/16	05/12/16	TPH 8015M	
>C28-C35	**984**	126	mg/kg dry	5	P6E1205	05/11/16	05/12/16	TPH 8015M	
Surrogate: 1-Chlorooctane		*120 %*	*70-130*		*P6E1205*	*05/11/16*	*05/12/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*124 %*	*70-130*		*P6E1205*	*05/11/16*	*05/12/16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**8760**	126	mg/kg dry	5	[CALC]	05/11/16	05/12/16	calc	

Sample-28 @ 3'

6E09010-28 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, 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 (o)	**0.0113**	0.00100	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*117 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E1206*	*05/11/16*	*05/11/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6E2305 - General Preparation (GC)										
Blank (P6E2305-BLK1)				Prepared: 05/18/16 Analyzed: 05/19/16						
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 Analyzed: 05/19/16						
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)		**Source: 6E09010-02**		Prepared: 05/18/16 Analyzed: 05/19/16						
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
Batch P6E2305 - General Preparation (GC)										
Matrix Spike Dup (P6E2305-MSD1)	**Source: 6E09010-02**			Prepared: 05/18/16 Analyzed: 05/19/16						
Benzene	0.0708	0.00103	mg/kg dry	0.103	ND	68.6	80-120	15.2	20	QM-07
Toluene	0.0770	0.00206	"	0.103	ND	74.7	80-120	17.1	20	QM-07
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*
Batch P6E2307 - General Preparation (GC)										
Blank (P6E2307-BLK1)				Prepared: 05/18/16 Analyzed: 05/19/16						
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 Analyzed: 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			
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*

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)										
LCS Dup (P6E2307-BSD1)				Prepared: 05/18/16 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
Batch P6E1006 - * DEFAULT PREP *** **										
Blank (P6E1006-BLK1)				Prepared: 05/10/16 Analyzed: 05/11/16						
% Moisture	ND	0.1	%							
Blank (P6E1006-BLK2)				Prepared: 05/10/16 Analyzed: 05/11/16						
% Moisture	ND	0.1	%							
Duplicate (P6E1006-DUP1)		**Source: 6E09010-01**		Prepared: 05/10/16 Analyzed: 05/11/16						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P6E1006-DUP2)		**Source: 6E09010-05**		Prepared: 05/10/16 Analyzed: 05/11/16						
% Moisture	2.0	0.1	%		1.0			66.7	20	
Duplicate (P6E1006-DUP3)		**Source: 6E09010-06**		Prepared: 05/10/16 Analyzed: 05/11/16						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P6E1006-DUP4)		**Source: 6E09010-25**		Prepared: 05/10/16 Analyzed: 05/11/16						
% Moisture	ND	0.1	%		1.0			200	20	
Duplicate (P6E1006-DUP5)		**Source: 6E09011-01**		Prepared: 05/10/16 Analyzed: 05/11/16						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Batch P6E2311 - * DEFAULT PREP *** **										
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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	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)		**Source: 6E09010-01**		Prepared & Analyzed: 05/23/16						
Chloride	124	1.02	mg/kg dry		123			0.940	20	
Duplicate (P6E2311-DUP2)		**Source: 6E09010-11**		Prepared & Analyzed: 05/23/16						
Chloride	96.9	1.01	mg/kg dry		95.7			1.26	20	
Matrix Spike (P6E2311-MS1)		**Source: 6E09010-01**		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)		**Source: 6E09010-21**		Prepared & Analyzed: 05/23/16						
Chloride	6.38	1.01	mg/kg dry		6.31			1.11	20	
Duplicate (P6E2312-DUP2)		**Source: 6E16001-02**		Prepared & Analyzed: 05/23/16						
Chloride	30.9	1.04	mg/kg dry		27.2			12.8	20	

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)	**Source: 6E09010-21**			Prepared & Analyzed: 05/23/16						
Chloride	164	1.01	mg/kg dry	152	6.31	104	80-120			

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 P6E1108 - TX 1005										
Blank (P6E1108-BLK1)				Prepared: 05/10/16 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	*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 Analyzed: 05/11/16						
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 Analyzed: 05/11/16						
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)	**Source: 6E09002-02**			Prepared: 05/10/16 Analyzed: 05/11/16						
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)	**Source: 6E09002-02**			Prepared: 05/10/16 Analyzed: 05/11/16						
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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	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)	**Source: 6E09010-15**			Prepared: 05/11/16 Analyzed: 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)	**Source: 6E09010-15**			Prepared: 05/11/16 Analyzed: 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*			

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										
Blank (P6E1206-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	*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)	**Source: 6E09012-02**			Prepared: 05/11/16 Analyzed: 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)	**Source: 6E09012-02**			Prepared: 05/11/16 Analyzed: 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*			

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

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

Fax: (432) 520-7701

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: Brent Barron Date: 5/24/2016

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 2057 Commerce Dr.

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720 Fax No:

Sampler Signature:

e-mail: cdstanley@trcsolutions.com
cjbryant@paalp.com

Project Name: Cotton Draw Station

Project #: 2016-057

Project Loc: Lea County, New Mexico

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 16E09010

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TPH: 418.1 (8015M)	TPH: 8015B TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	P-400 A @ 2'			5/6/2016	900		1	X								Soil	X														X
02	P-410 A @ 3.5'			5/6/2016	905		1	X								Soil	X														X
03	SK-500 A @ 1.5'			5/6/2016	910		1	X								Soil	X														X
04	SK-200 A @ 1'			5/6/2016	915		1	X								Soil	X														X
05	Sample-1 @ 1'			5/6/2016	920		1	X								Soil	X														X
06	Sample-2 @ 3"			5/6/2016	930		1	X								Soil	X														X
07	Sample-3 @ 1'			5/6/2016	940		1	X								Soil	X														X
08	Sample-4 @ 1'			5/6/2016	950		1	X								Soil	X														X
09	Sample-5 @ 2.5'			5/6/2016	1000		1	X								Soil	X														X
10	Sample-6 @ 1'			5/6/2016	1005		1	X								Soil	X														X

Special Instructions:
Bill to Plains, HOLD for BTEX and Chloride

	Date	Time		Date	Time
Relinquished by:	5/9/16	1347	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by PBEL:	5/9/16	1347

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 2057 Commerce Dr.

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720 Fax No:

Sampler Signature:

e-mail: cdstanley@trcsolutions.com
cjbryant@paalp.com

Project Name: Cotton Draw Station

Project #: 2016-057

Project Loc: Lea County, New Mexico

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 16E09010

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: 8015B 8015M TPH: 418.1	TX 1006 TPH: TX 1005	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR/ ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-11	Sample-7 @ 2"			5/6/2016	1010		1	X								Soil	X															X
-12	Sample-8 @ 1'			5/6/2016	1015		1	X								Soil	X															X
-13	Sample-9 @ 1'			5/6/2016	1020		1	X								Soil	X															X
-14	Sample-10 @ 3"			5/6/2016	1025		1	X								Soil	X															X
-15	Sample-12 @ 2"			5/6/2016	1030		1	X								Soil	X															X
-16	Sample-13 @ 2"			5/6/2016	1035		1	X								Soil	X															X
-17	Sample-14 @ 2"			5/6/2016	1040		1	X								Soil	X															X
-18	Sample-15 @ 4"			5/6/2016	1045		1	X								Soil	X															X
-19	Sample-16 @ 1'			5/6/2016	1050		1	X								Soil	X															X
-20	Sample-17 @ 2"			5/6/2016	1055		1	X								Soil	X															X

Special Instructions:
Bill to Plains, HOLD for BTEX and Chloride

Relinquished by:	Date	Time	Received by:	Date	Time
	5/9/16	1347			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				5/9/16	1347

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt:		
Received: °C		
Adjusted: °C Factor		

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 2057 Commerce Dr.

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720

Fax No:

Sampler Signature:

e-mail: cdstanley@trcsolutions.com
cjbryant@paalp.com

Project Name: Cotton Draw Station

Project #: 2016-057

Project Loc: Lea County, New Mexico

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 16EC9010

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: 8015B: TPH: 418.1 / 8015M	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 Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-21	Sample-21 @ 1'			5/6/2016	1100		1	X								Soil	X																X
-22	Sample-22 @ 2.5'			5/6/2016	1105		1	X								Soil	X																X
-23	Sample-23 @ 2.5'			5/6/2016	1110		1	X								Soil	X																X
-24	Sample-24 @ 5'			5/6/2016	1115		1	X								Soil	X																X
-25	Sample-25 @ 2'			5/6/2016	1120		1	X								Soil	X																X
-26	Sample-26 @ 2'			5/6/2016	1125		1	X								Soil	X																X
-27	Sample-27 @ 3'			5/6/2016	1130		1	X								Soil	X																X
-28	Sample-28 @ 3'			5/6/2016	1135		1	X								Soil	X																X

Special Instructions:
Bill to Plains, HOLD for BTEX and Chloride

Relinquished by:	Date	Time	Received by:	Date	Time
	5/9/16	1344			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				5/9/16	1347

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt:		
Received: °C		
Adjusted: °C Factor		

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

PBELAB

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

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

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

Fax: (432) 520-7701

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

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

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

Fax: (432) 520-7701

Sample-2A @ 5'

6E18003-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 (o)	**0.117**	0.00102	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.6 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*108 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/19/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.8 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

Sample-11 @ 2'

6E18003-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
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 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*128 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
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 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/19/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*89.5 %*	*70-130*		*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	

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Sample-13A @ 1.5'

6E18003-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*133 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
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 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/19/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*82.6 %*	*70-130*		*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	

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Sample-17A @ 1'

6E18003-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2604*	*05/25/16*	*05/25/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.6 %*	*75-125*		*P6E2604*	*05/25/16*	*05/25/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.7 %*	*70-130*		*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	

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Sample-18 @ 1.5'

6E18003-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2604*	*05/25/16*	*05/26/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*78.7 %*	*75-125*		*P6E2604*	*05/25/16*	*05/26/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*80.8 %*	*70-130*		*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)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2604*	*05/25/16*	*05/25/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*123 %*	*75-125*		*P6E2604*	*05/25/16*	*05/25/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*88.3 %*	*70-130*		*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	

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Sample-20 @ 6''

6E18003-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
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 %*	*75-125*		*P6E2604*	*05/25/16*	*05/25/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*112 %*	*75-125*		*P6E2604*	*05/25/16*	*05/25/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.6 %*	*70-130*		*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	

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Sample-22A @ 3'

6E18003-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*117 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*83.9 %*	*70-130*		*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	

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Sample-27A @ 3.5'

6E18003-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*121 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.9 %*	*70-130*		*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	

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Sample-29 @ 3''

6E18003-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2604*	*05/25/16*	*05/25/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*121 %*	*75-125*		*P6E2604*	*05/25/16*	*05/25/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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 by EPA Method 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/20/16*	*TPH 8015M*	*S-GC*
Surrogate: o-Terphenyl		*72.4 %*	*70-130*		*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	

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Sample-30 @ 3''

6E18003-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2604*	*05/25/16*	*05/25/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*127 %*	*75-125*		*P6E2604*	*05/25/16*	*05/25/16*	*EPA 8021B*	*S-GC*
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*82.6 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

Sample-31 @ 1'

6E18003-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6E2604*	*05/25/16*	*05/26/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*79.8 %*	*75-125*		*P6E2604*	*05/25/16*	*05/26/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6E2001*	*05/19/16*	*05/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*71.5 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

Sample-32 @ 1'

6E18003-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Organics by GC									
Benzene	ND	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Toluene	ND	0.00202	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P6E2307	05/18/16	05/19/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*118 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*109 %*	*75-125*		*P6E2307*	*05/18/16*	*05/19/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.4**	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 by EPA Method 8015M									
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		*76.8 %*	*70-130*		*P6E2001*	*05/19/16*	*05/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*90.9 %*	*70-130*		*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	

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 Analyzed: 05/19/16						
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 Analyzed: 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			
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 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: 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)										
Blank (P6E2604-BLK1)				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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	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-GC*
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-GC*
Surrogate: 4-Bromofluorobenzene	*0.0609*		*"*	*0.0500*		*122*	*75-125*			
Matrix Spike (P6E2604-MS1)	**Source: 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)	**Source: 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-07
Xylene (p/m)	0.253	0.00202	"	0.202	ND	125	80-120	24.1	20	QM-07
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-GC*

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)		**Source: 6E17002-07**		Prepared & Analyzed: 05/20/16						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P6E2002-DUP2)		**Source: 6E18003-04**		Prepared & Analyzed: 05/20/16						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P6E2002-DUP3)		**Source: 6E18003-13**		Prepared & Analyzed: 05/20/16						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P6E2002-DUP4)		**Source: 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)		**Source: 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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6E2313 - * DEFAULT PREP *** **										
Matrix Spike (P6E2313-MS1)	**Source: 6E17003-01**			Prepared & Analyzed: 05/23/16						
Chloride	14000	58.1	mg/kg dry	4650	9770	90.0	80-120			
Batch P6E2314 - * DEFAULT PREP *** **										
Blank (P6E2314-BLK1)				Prepared & Analyzed: 05/23/16						
Chloride	ND	1.00	mg/kg wet							
LCS (P6E2314-BS1)				Prepared & Analyzed: 05/23/16						
Chloride	171	1.00	mg/kg wet	200		85.5	80-120			
LCS Dup (P6E2314-BSD1)				Prepared & Analyzed: 05/23/16						
Chloride	186	1.00	mg/kg wet	200		93.0	80-120	8.40	20	
Duplicate (P6E2314-DUP1)	**Source: 6E18003-07**			Prepared & Analyzed: 05/23/16						
Chloride	63.0	1.05	mg/kg dry		62.3			1.14	20	
Duplicate (P6E2314-DUP2)	**Source: 6E18011-03**			Prepared & Analyzed: 05/23/16						
Chloride	2370	11.4	mg/kg dry		2370			0.244	20	
Matrix Spike (P6E2314-MS1)	**Source: 6E18003-07**			Prepared & Analyzed: 05/23/16						
Chloride	214	1.05	mg/kg dry	158	62.3	96.1	80-120			

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)	**Source: 6E18003-01**			Prepared: 05/19/16 Analyzed: 05/20/16						
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)	**Source: 6E18003-01**			Prepared: 05/19/16 Analyzed: 05/20/16						
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:  Date: 6/2/2016

Brent Barron, Laboratory Director/Technical Director

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

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 2057 Commerce Dr.

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720

Fax No:

Sampler Signature:

e-mail: cdstanley@trcsolutions.com
cjbryant@paalp.com

Project Name: Cotton Draw Station

Project #: 2016-057

Project Loc: Lea County, New Mexico

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 16E18003

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 8015M 8015B	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 Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	Sample-2A @ 5'			5/17/2016	1300		1	X								Soil	X								X			X				X
02	Sample-11 @ 2'			5/17/2016	1305		1	X								Soil	X								X			X				X
03	Sample-13A @ 1.5'			5/17/2016	1310		1	X								Soil	X								X			X				X
04	Sample-17A @ 1'			5/17/2016	1315		1	X								Soil	X								X			X				X
05	Sample-18 @ 1.5'			5/17/2016	1320		1	X								Soil	X								X			X				X
06	Sample-19 @ 1'			5/17/2016	1325		1	X								Soil	X								X			X				X
07	Sample-20 @ 6"			5/17/2016	1330		1	X								Soil	X								X			X				X
08	Sample-22A @ 3'			5/17/2016	1335		1	X								Soil	X								X			X				X
09	Sample-27A @ 3.5'			5/17/2016	1340		1	X								Soil	X								X			X				X
10	Sample-29 @ 3"			5/17/2016	1345		1	X								Soil	X								X			X				X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	5-18-16	8:47			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				5-18-16	847

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		X

Temperature Upon Receipt:
Received: 4.8 °C
Adjusted: °C Factor NCF L1

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 2057 Commerce Dr.

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720 Fax No:

Sampler Signature:

e-mail: cdstanley@trcsolutions.com
cjbryant@paalp.com

Project Name: Cotton Draw Station

Project #: 2016-057

Project Loc: Lea County, New Mexico

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)

ORDER #:

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TOTAL: TPH: 418.1 / 8015M / 8015B	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 Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
	Sample-30 @ 3"			5/17/2016	1350		1	X								Soil	X							X			X				X
	Sample-31 @ 1'			5/17/2016	1355		1	X								Soil	X							X			X				X
	Sample-32 @ 1'			5/17/2016	1400		1	X								Soil	X							X			X				X

Special Instructions:

Laboratory Comments:

Sample Containers Intact?	N
VOCs Free of Headspace?	N
Labels on container(s)	N
Custody seals on container(s)	N
Custody seals on cooler(s)	Y N
Sample Hand Delivered by Sampler/Client Rep. ?	N
by Courier? UPS DHL FedEx Lone Star	N

Temperature Upon Receipt:
Received: 4.0 °C
Adjusted: °C Factor WCFLL

	Date	Time		Date	Time
Relinquished by:	5-18-16	8:47	Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by PBEL:	5-18-16	8:47

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

PBELAB

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: 6F07004

NELAP/TCEQ # T104704156-13-3

Report Date: 06/15/16

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

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

Fax: (432) 520-7701

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

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

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

Fax: (432) 520-7701

Sample-21A @ 1.5'

6F07004-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 (o)	**2.33**	0.0510	mg/kg dry	50	P6F1503	06/13/16	06/13/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*76.9 %*	*75-125*		*P6F1503*	*06/13/16*	*06/13/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*75-125*		*P6F1503*	*06/13/16*	*06/13/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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 8015M									
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 %*	*70-130*		*P6F1005*	*06/08/16*	*06/08/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*47.4 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

Sample-7A @ 1'

6F07004-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6F1503*	*06/13/16*	*06/13/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*110 %*	*75-125*		*P6F1503*	*06/13/16*	*06/13/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6F1005*	*06/08/16*	*06/08/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*44.6 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

Sample-18A @ 2'

6F07004-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6F1503*	*06/13/16*	*06/13/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*114 %*	*75-125*		*P6F1503*	*06/13/16*	*06/13/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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 by EPA Method 8015M									
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 %*	*70-130*		*P6F1005*	*06/08/16*	*06/08/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*45.4 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

Sample-30A @ 1'

6F07004-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6F1503*	*06/13/16*	*06/13/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*111 %*	*75-125*		*P6F1503*	*06/13/16*	*06/13/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6F1005*	*06/08/16*	*06/08/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*45.4 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

Sample-31A @ 1.5'

6F07004-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6F1503*	*06/13/16*	*06/13/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*112 %*	*75-125*		*P6F1503*	*06/13/16*	*06/13/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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 by EPA Method 8015M									
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 %*	*70-130*		*P6F1005*	*06/08/16*	*06/08/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*44.6 %*	*70-130*		*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	

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 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)		**Source: 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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	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)		**Source: 6F08001-02**		Prepared & Analyzed: 06/08/16						
Chloride	2290	11.2	mg/kg dry		2240			2.25	20	
Duplicate (P6F0803-DUP2)		**Source: 6E27002-01**		Prepared: 06/08/16 Analyzed: 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)		**Source: 6F06004-21**		Prepared & Analyzed: 06/09/16						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P6F0901-DUP2)		**Source: 6F07004-01**		Prepared & Analyzed: 06/09/16						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P6F0901-DUP3)		**Source: 6F07005-01**		Prepared & Analyzed: 06/09/16						
% Moisture	6.0	0.1	%		7.0			15.4	20	

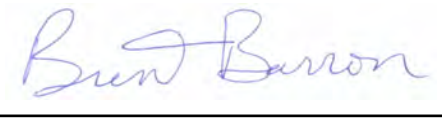
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	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 & 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)		**Source: 6F07004-04**		Prepared: 06/08/16 Analyzed: 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)		**Source: 6F07004-04**		Prepared: 06/08/16 Analyzed: 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:  Date: 6/15/2016

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 2057 Commerce Dr.

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720 Fax No:

Sampler Signature: Rebecca Haskell for Albert Ruardeo e-mail: cdstanley@trcsolutions.com, cjbryant@paalp.com

Project Name: Cotton Draw Station

Project #: 2016-057

Project Loc: Lea County, New Mexico

PO #:

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 16F07004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 / 8015M	TOTAL: TPH: 8015B / TX 1005 / TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	Sample-21A @ 1.5'			6/6/2016	1431		1	X								Soil	X								X			X				X
02	Sample-7A @ 1'			6/6/2016	1454		1	X								Soil	X								X			X				X
03	Sample-18A @ 2'			6/6/2016	1422		1	X								Soil	X								X			X				X
04	Sample-30A @ 1'			6/6/2016	1412		1	X								Soil	X								X			X				X
05	Sample-31A @ 1.5'			6/6/2016	1446		1	X								Soil	X								X			X				X

Special Instructions:
Soil samples may contain surfactants

Relinquished by:	Date	Time	Received by:	Date	Time
Rebecca Haskell	6/7/16	1210			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	6/7/16	1210

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: °C Factor

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

PBELAB

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

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

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

Fax: (432) 520-7701

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)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
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 %*	*75-125*		*P6F2012*	*06/17/16*	*06/17/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*98.4 %*	*75-125*		*P6F2012*	*06/17/16*	*06/17/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6F1610*	*06/15/16*	*06/16/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*84.0 %*	*70-130*		*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	

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

Project: Cotton Draw Station
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Project Manager: Curt Stanley

Fax: (432) 520-7701

SK-500B @ 1.5'

6F15007-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6F2021*	*06/18/16*	*06/18/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*75-125*		*P6F2021*	*06/18/16*	*06/18/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6F1610*	*06/15/16*	*06/16/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.7 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

SK-200B @ 1'

6F15007-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6F2021*	*06/18/16*	*06/18/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.7 %*	*75-125*		*P6F2021*	*06/18/16*	*06/18/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6F1610*	*06/15/16*	*06/16/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*87.7 %*	*70-130*		*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	

P400B @ 2'

6F15007-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 %*	*75-125*		*P6F2021*	*06/18/16*	*06/18/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*112 %*	*75-125*		*P6F2021*	*06/18/16*	*06/18/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6F1610*	*06/15/16*	*06/16/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.4 %*	*70-130*		*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	

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 P6F2012 - General Preparation (GC)										
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)		**Source: 6F09011-05**		Prepared & 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-07
Ethylbenzene	0.164	0.0208	"	0.104	ND	157	80-120			QM-07
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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6F2012 - General Preparation (GC)										
Matrix Spike Dup (P6F2012-MSD1)	**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 & Analyzed: 06/18/16						
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.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	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)		**Source: 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.

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P6F1610 - TX 1005										
Blank (P6F1610-BLK1)				Prepared: 06/15/16 Analyzed: 06/16/16						
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: 06/15/16 Analyzed: 06/16/16						
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: 06/15/16 Analyzed: 06/16/16						
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)	**Source: 6F13010-02**			Prepared: 06/15/16 Analyzed: 06/16/16						
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)	**Source: 6F13010-02**			Prepared: 06/15/16 Analyzed: 06/16/16						
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: Brent Barron Date: 6/21/2016

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-661-4184

Project Manager: Curt Stanley
Company Name: TRC Environmental Corporation
Company Address: 2057 Commerce Dr.
City/State/Zip: Midland/TX/79703
Telephone No: (432)5207720
Fax No:
Sampler Signature:
e-mail: cdstanley@trcsolutions.com, cjbryant@paalp.com

Project Name: Cotton Draw Station
Project #: 2016-057
Project Loc: Lea County, New Mexico
PO #:
Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only) ORDER #: 6F15007

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 / 8015M	TOTAL: TPH: 8015B / TX 1005 / TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
-01	Sample-3A @ 6"			6/14/16	1115		1	X								Soil	X								X			X				
-02	SK-500B @ 1.5'				1105		1	X								Soil	X								X			X				
-03	SK-200B @ 1'				1100		1	X								Soil	X								X			X				
-04	P400B @ 2'				1110		1	X								Soil	X								X			X				

Special Instructions:
Soil samples may contain surfactants
24hr TPH, STANDARD BTEX + Cl-

Relinquished by:	Date	Time	Received by:	Date	Time
	6/15/16	1410			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	Date	Time
				6/15/16	1410

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received: 3.5 °C
Adjusted: °C Factor NCF 41

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

PBELAB

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

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

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

Fax: (432) 520-7701

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

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

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

Fax: (432) 520-7701

Sample-3B @ 6"

6L19011-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, 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 %*	*75-125*		*P6L2201*	*12/20/16*	*12/20/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*75-125*		*P6L2201*	*12/20/16*	*12/20/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6L2007*	*12/19/16*	*12/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

SK-200C @ 1'

6L19011-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
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 %*	*75-125*		*P6L2201*	*12/20/16*	*12/20/16*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*86.4 %*	*75-125*		*P6L2201*	*12/20/16*	*12/20/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6L2007*	*12/19/16*	*12/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*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	

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

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

Fax: (432) 520-7701

P400C @ 2'

6L19011-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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 (o)	**0.0172**	0.00106	mg/kg dry	1	P6L2201	12/20/16	12/20/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.3 %*	*75-125*		*P6L2201*	*12/20/16*	*12/20/16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*87.4 %*	*75-125*		*P6L2201*	*12/20/16*	*12/20/16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
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-C35 by EPA Method 8015M									
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 %*	*70-130*		*P6L2007*	*12/19/16*	*12/20/16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.8 %*	*70-130*		*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	

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 P6L2201 - General Preparation (GC)										
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)		**Source: 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-07
Ethylbenzene	0.0480	0.00106	"	0.106	0.0153	30.8	80-120			QM-07
Xylene (p/m)	0.0899	0.00213	"	0.213	0.0394	23.7	80-120			QM-07
Xylene (o)	0.0428	0.00106	"	0.106	0.0172	24.1	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.0654*		*"*	*0.0638*		*102*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.0645*		*"*	*0.0638*		*101*	*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
Batch P6L2201 - General Preparation (GC)										
Matrix Spike Dup (P6L2201-MSD1)		**Source: 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: 12/19/16 Analyzed: 12/20/16						
Chloride	ND	1.00	mg/kg wet							
LCS (P6L1904-BS1)				Prepared: 12/19/16 Analyzed: 12/20/16						
Chloride	384	1.00	mg/kg wet	400		96.1	80-120			
LCS Dup (P6L1904-BSD1)				Prepared: 12/19/16 Analyzed: 12/20/16						
Chloride	390	1.00	mg/kg wet	400		97.5	80-120	1.45	20	
Duplicate (P6L1904-DUP1)		**Source: 6L19002-08**		Prepared: 12/19/16 Analyzed: 12/20/16						
Chloride	280	1.06	mg/kg dry		296			5.52	20	
Duplicate (P6L1904-DUP2)		**Source: 6L19010-03**		Prepared: 12/19/16 Analyzed: 12/20/16						
Chloride	533	1.05	mg/kg dry		527			1.15	20	
Matrix Spike (P6L1904-MS1)		**Source: 6L19002-08**		Prepared: 12/19/16 Analyzed: 12/20/16						
Chloride	1250	1.06	mg/kg dry	1060	296	89.6	80-120			
Batch P6L2002 - * DEFAULT PREP *** **										
Blank (P6L2002-BLK1)				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	

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 P6L2002 - * DEFAULT PREP *** **										
Duplicate (P6L2002-DUP1)	**Source: 6L19011-03**			Prepared & Analyzed: 12/20/16						
Chloride	12.6	1.06	mg/kg dry		10.4			18.5	20	
Matrix Spike (P6L2002-MS1)	**Source: 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)	**Source: 6L19012-07**			Prepared & Analyzed: 12/21/16						
% Moisture	24.0	0.1	%		25.0			4.08	20	

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

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

Fax: (432) 520-7701

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:  Date: 12/22/2016

Brent Barron, Laboratory Director/Technical Director

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Curt Stanley

Company Name: TRC Environmental Corporation

Company Address: 2057 Commerce Dr.

City/State/Zip: Midland/TX/79703

Telephone No: (432)5207720 Fax No:

Sampler Signature:

e-mail: cdstanley@trcsolutions.com
cjbryant@paalp.com

Project Name: Cotton Draw Station

Project #: AFE 20362

Project Loc: Lea County, New Mexico

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 1219011

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1	8015M	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 Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030 or BTEX 8260	8015B	RCI	N.O.R.M.	Chlorides E 300	Paint Filter	TCLP Benzene	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	Sample-3B @ 6"			12/16/2016	0900		1	X								Soil	X										X				X				
02	SK-200C @ 1'			12/16/2016	0910		1	X								Soil	X										X				X				
03	P400C @ 2'			12/16/2016	0920		1	X								Soil	X										X				X				

Special Instructions:
Soil samples contain surfactants

Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Marissa Martin	12/19/16	1545

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?		N
Labels on container(s)		N
Custody seals on container(s)		N
Custody seals on cooler(s)		N
Sample Hand Delivered		N
by Sampler/Client Rep. ?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received: °C
Adjusted: 3.6 °C Factor NCF

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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 yd^3 / bbls Known Volume (to be entered by the operator at the end of the haul) _____ yd^3 / 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, Camille Bryant, representative for Plains Pipeline, LP 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: mm 64, HWY 62/180 East, Carlsbad, NM 88220

Method of Treatment and/or Disposal:

☐ Evaporation ☐ Injection ☐ Treating Plant ☐ Landfarm ☑ Landfill ☐ Other

Waste Acceptance Status:

☑ **APPROVED** ☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: Sarailyn Hall TITLE: Mkg. Manager DATE: 6/1/16

SIGNATURE: Sarailyn Hall TELEPHONE NO.: 405-579-1187

Surface Waste Management Facility Authorized Agent

Appendix D
Non-Hazardous Waste Manifests

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

Cerino

NON-HAZARDOUS WASTE MANIFEST NO 114604 | 1. PAGE ___ OF ___ | 2. TRAILER NO. D-8

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			6/6/2016
PHONE NO.	CITY	STATE	ZIP	6. TNRCC I.D. NO.
(575) 441-1099	Denver City	TX	79323	

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT: 38,780 34,320 38,940					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 114,040	708588

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: HURT Stanley	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (432) 559-3296	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: Oliver Cerino	PRINTED/TYPED NAME:
SIGNATURE: X [signature] DATE: 6/6/2016	SIGNATURE: DATE:

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/6/2016	10:10

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Marin

NON-HAZARDOUS WASTE MANIFEST NO 114605 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #M#1

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			6/6/2016
PHONE NO.	CITY	STATE	ZIP	6. TNRCC I.D. NO.
(575) 441-1099	Denver City	TX	79323	

WASTE

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT: 35,140 36,580 35,380					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 107,100	708588

DESTINATION

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (432) 559-3291	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X Marcizo Marin 6/6/2016	PRINTED/TYPED NAME
SIGNATURE X MARCIZO MARIN DATE	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Mantas Gonzalez		6/6/2016	10:25

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Aaron's

NON-HAZARDOUS WASTE MANIFEST NO 114606 | 1. PAGE__OF__ | 2. TRAILER NO. 256

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			6/6/2016
PHONE NO.	CITY	STATE	ZIP	6. TNRCC I.D. NO.
(575) 441-1099	Denver City	TX	79323	

WASTE

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT 44,940 39,180 40920					

DATA

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 125,040	708588

TO

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

OR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Hurt Stanley	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (432) 559-3296	EMERGENCY PHONE:

18. TRANSPORTER (1): Acknowledgment of receipt of material	19. TRANSPORTER (2): Acknowledgment of receipt of material
PRINTED/TYPED NAME Pablo Altamirano 6/6/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Monzalez	—	6/6/2016	10:30

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Quiñonez

NON-HAZARDOUS WASTE MANIFEST NO 114607 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 704

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			6/6/2016
PHONE NO.	CITY	STATE	ZIP	6. TNRCC I.D. NO.
(575) 441-1099	Denver City	TX	79323	

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT: 40740 41,580 39,920					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 122,240	708588

TREATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (432) 559-3294	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: Andy Ortiz	PRINTED/TYPED NAME:
SIGNATURE: DATE: 6/6/2016	SIGNATURE: DATE:

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. 6/6/2016

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/6/2016	10:35

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Quiñonez

NON-HAZARDOUS WASTE MANIFEST NO 114609 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #03

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			6/6/2016
PHONE NO. (575) 441-1099	CITY Denver City	STATE TX	ZIP 79323	6. TNRCC I.D. NO.

WASTE

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT: 36,440 37840					

TRANSPORTER

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 74500	708588

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Hurt Stanley	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (432) 559-3296	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Gary Collins 6/6/2016	PRINTED/TYPED NAME
SIGNATURE Gary Collins DATE 6/6/16	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

6/6/2016

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/6/2016	10:40

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Cerind #D11

NON-HAZARDOUS WASTE MANIFEST NO 114610 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/6/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT. 40,060 38,460 40,060					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 118,580	708588

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)** TRC	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE: (432) 559-3296	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Javier Ventura 6/6/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. 6/6/2016

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez	—	6/6/2016	10:45

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Quiñones

NON-HAZARDOUS WASTE MANIFEST NO 114620 | 1. PAGE ___ OF ___ | 2. TRAILER NO. # 03

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/6/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WI 39540					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E"

13. WASTE PROFILE NO. 708588

TREATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3283	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Andres Ortiz 6/6/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes. 6/6/2016

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez	—		4:00

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Aahons

NON-HAZARDOUS WASTE MANIFEST NO 114624 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 254

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/7/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b. 4,540					
c.					
d. WT. 37,700 42,780 39,840					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 161,860

13. WASTE PROFILE NO. 708588

TRANSPORTER

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME M. Chavez 6/7/2016	PRINTED/TYPED NAME
SIGNATURE Hugo Chavez DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzales	—	6/7/2016	8:55

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Castillo

NON-HAZARDOUS WASTE MANIFEST NO 114625 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #08

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	8/7/2016
PHONE NO. (575) 441-1089	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b. 38940					
c.					
d. WT: 34,220 39,020 37,580					

12. COMMENTS OR SPECIAL INSTRUCTIONS:
PLAINS COTTON DRAW STATION ULT "E" T@ 14970

13. WASTE PROFILE NO. 708588

TREATOR

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
TRC	
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3283	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Ivann Castillo 8/7/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		8/7/2016	9:00

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Marin

NON-HAZARDOUS WASTE MANIFEST NO 114626 | 1. PAGE ___ OF ___ | 2. TRAILER NO. M-1

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/7/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED: Non-Regulated, Non Hazardous Waste	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. 35,580					
b.					
c. WT:					
d. 36,860 38980 36,860					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 148,280

13. WASTE PROFILE NO. 708588

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME NARCIZO MARIN 6/7/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE Santos Gonzalez	CELL NO.	DATE 6/7/2016	TIME 9:05

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Aarons

NON-HAZARDOUS WASTE MANIFEST NO 114627 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 257

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			6/7/2016
PHONE NO. (575) 441-1099	CITY Denver City	STATE TX	ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WI: 40180 40580					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" @ 807LD	708588

GENERATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaught	575-887-4048	

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
TRC	
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Pablo Altamirano 6/7/2016	PRINTED/TYPED NAME
SIGNATURE Pablo Altamirano DATE	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Monzalez		6/7/2016	9:05

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

H&L

NON-HAZARDOUS WASTE MANIFEST NO 114628 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #02

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/7/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED: Non-Regulated, Non-Hazardous Waste	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. 39,060					
b.					
c. WT.					
d. 39840 40880 42,200					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" @ 161,980	13. WASTE PROFILE NO. 708588

TREATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Hector Juarez 6/7/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE Santos Gonzalez	CELL NO.	DATE 6/7/2016	TIME 9:10

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Cerino

NON-HAZARDOUS WASTE MANIFEST NO 114629 | 1. PAGE ___ OF ___ | 2. TRAILER NO. D-11

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/7/2016
PHONE NO. (575) 441-1090	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b. 40,080					
c.					
d. WT 38,760 42,320 38,580					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 159,740	708588

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Juan DCerino 6/7/2016	PRINTED/TYPED NAME
SIGNATURE Juan D Cerino DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/7/2016	9:15

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

Quiñones

NON-HAZARDOUS WASTE MANIFEST NO 114630 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #03

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/7/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b. 37,880					
c.					
d. WT 37480 38,420 40820					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 154,600

13. WASTE PROFILE NO. 708588

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)** TRC	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 558-3283	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Noe Soto 6/7/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/7/2016	9:20

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Quinones

NON-HAZARDOUS WASTE MANIFEST NO 114631 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #04

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP
4. ADDRESS: 2530 State Highway 214
5. PICK-UP DATE: 6/7/2016
PHONE NO.: (575) 441-1099
CITY: Denver City STATE: TX ZIP: 79323
6. TNRCC I.D. NO.:

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b. 40,560					
c.					
d. WT 37820 40920 37,460					

12. COMMENTS OR SPECIAL INSTRUCTIONS:
PLAINS COTTON DRAW STATION ULT "E"
T@ 156,760

13. WASTE PROFILE NO.: 708588

TRANSPORTER

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME: Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)** TRC
NAME:
TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3286
EMERGENCY PHONE:

17. **TRANSPORTER (2)**
NAME:
TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X Andres Quinones 6/7/2016
SIGNATURE X DATE 06-2-16

19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME
SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.: WM-01-035 - New Mexico
20. COMMENTS:

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/7/2016	9:25

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Castillo

NON-HAZARDOUS WASTE MANIFEST NO 114639 | 1. PAGE ___ OF ___ | 2. TRAILER NO. # 8

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/8/2016
PHONE NO. (575) 441-1089	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b. 40620					
c.					
d. WT: 34,480 36,880 39040					

12. COMMENTS OR SPECIAL INSTRUCTIONS:
PLAINS COTTON DRAW STATION ULT "E" T@ 151,020

13. WASTE PROFILE NO. 708588

TREATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**
NAME Kin Slaughter PHONE NO 575-887-4018 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Ivaun Castillo 6/8/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzales		6/8/2016	8:05

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 Cerino

NON-HAZARDOUS WASTE MANIFEST NO 114640 | 1. PAGE ___ OF ___ | 2. TRAILER NO. D-11

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP
PHONE NO.: (575) 441-1089
4. ADDRESS: 2530 State Highway 214
CITY: Denver City STATE: TX ZIP: 79323
5. PICK-UP DATE: 6/8/2016
6. TNRCC I.D. NO.:

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~ *	1	CM			
b. 44,160					
c.					
d. WT 40,400 41,100 40,140					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 165,800
13. WASTE PROFILE NO. 708588

TREATOR

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME: Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

OR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)** TRC
NAME:
TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293
EMERGENCY PHONE:

17. **TRANSPORTER (2)**
NAME:
TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Jon D Cerino DATE 6/8/2016
SIGNATURE Jon D Cerino

19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME ___
SIGNATURE ___ DATE ___

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.: WM-01-035 - New Mexico
20. COMMENTS:

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/8/2016	8:10

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

H + h

NON-HAZARDOUS WASTE MANIFEST NO 114641 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #02

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/8/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non-Hazardous Waste~~	1	CM			
b. 41,960					
c.					
d. WT 43,240 41,860 42,480					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 109,540	708588

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
TRC	
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Hector Juarez DATE 6/8/2016	PRINTED/TYPED NAME _____
SIGNATURE _____ DATE _____	SIGNATURE _____ DATE _____

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/8/2016	8:15

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Marin

NON-HAZARDOUS WASTE MANIFEST NO 114642 | 1. PAGE ___ OF ___ | 2. TRAILER NO. M-1

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP
4. ADDRESS: 2530 State Highway 214
5. PICK-UP DATE: 6/8/2016
PHONE NO.: (575) 441-1099
CITY: Denver City STATE: TX ZIP: 79323
6. TNRCC I.D. NO.:

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b. 38,420					
c.					
d. WT. 38,220 37,620 37,060					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 151,320

13. WASTE PROFILE NO. 708588

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME: ~~Kin Slaughter~~ PHONE NO. ~~575-887-4048~~ 24-HOUR EMERGENCY NO.

OPERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME MARCO MARIN 6/8/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez	—	6/8/2016	8:15

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Aaron

NON-HAZARDOUS WASTE MANIFEST NO 114643 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #257

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/8/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b. 40420					
c.					
d. WT. 40060 40680 40740					

12. COMMENTS OR SPECIAL INSTRUCTIONS:
PLAINS COTTON DRAW STATION ULT "E" T@ 11,900

13. WASTE PROFILE NO. 708598

TREATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**
NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 558-3283	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X Hernandez 6/8/2016	PRINTED/TYPED NAME
SIGNATURE X H. Chavez DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/8/2016	8:30

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Aarons

NON-HAZARDOUS WASTE MANIFEST NO 114644 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 256

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/8/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b. 42,120					
c.					
d. WT. 38,320 36,840 38420					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 155,720

13. WASTE PROFILE NO. 708588

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Eddie Codero 6/8/2016	PRINTED/TYPED NAME
SIGNATURE Eddie C DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes: 6/8/2016

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzales		6/8/2016	8:30

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Quiñones

NON-HAZARDOUS WASTE MANIFEST NO 114645 | 1. PAGE ___ OF ___ | 2. TRAILER NO. # 03

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP
4. ADDRESS: 2530 State Highway 214
5. PICK-UP DATE: 6/8/2016
PHONE NO.: (575) 441-1099
CITY: Denver City STATE: TX ZIP: 79323
6. TNRCC I.D. NO.:

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b. 37,240					
c.					
d. WT: 36,820 38,760 38,240					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 151,060

13. WASTE PROFILE NO.: 708588

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**
NAME: Kin Slaughter PHONE NO: 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)** TRC
NAME:
TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293
EMERGENCY PHONE:

17. **TRANSPORTER (2)**
NAME:
TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:

18. **TRANSPORTER (1):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Noe Soto 6/8/2016
SIGNATURE X DATE

19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME
SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.: WM-01-035 - New Mexico
20. COMMENTS:

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez	—	6/8/2016	8:35

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Quiñones

NON-HAZARDOUS WASTE MANIFEST NO 114646 | 1. PAGE __ OF __ | 2. TRAILER NO # 4

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP
4. ADDRESS: 2530 State Highway 214
5. PICK-UP DATE: 6/8/2016
PHONE NO.: (575) 441-1099
CITY: Denver City STATE: TX ZIP: 79323
6. TNRCC I.D. NO.:

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b. 42,520					
c.					
d. WT 38920 @ 41980 @ 41,520					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 1604940
13. WASTE PROFILE NO. 708588

TREATOR

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME: Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

OR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X Andres Quiñones 6/8/2016	PRINTED/TYPED NAME
SIGNATURE X DATE 6-8-16	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
X Santos Gonzalez		6/8/2016	8:40

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Carrier JD-11

NON-HAZARDOUS WASTE MANIFEST NO 114659 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			6/9/2016
PHONE NO.	CITY	STATE	ZIP	6. TNRCC I.D. NO.
(575) 441-1099	Denver City	TX	79323	

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	8. CONTAINERS Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b. 40240					
c.					
d. WT: 41740 36760 38980					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" Tc 157720	709588

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3283	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: X Javier Martinez 6/9/2016	PRINTED/TYPED NAME:
SIGNATURE: X Javier Martinez DATE:	SIGNATURE: DATE:

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Daniel Contreras		6/9/2016	815

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Aarons

NON-HAZARDOUS WASTE MANIFEST NO 114660 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 256

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP
4. ADDRESS: 2530 State Highway 214
5. PICK-UP DATE: 6/9/2016
PHONE NO. (575) 441-1099 | CITY: Denver City | STATE: TX | ZIP: 79323
6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non-Hazardous Waste					
b. 42280					
c. WT:					
d. 41360 40460 42120					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E"
TC 166220

13. WASTE PROFILE NO. 708588

TRANSPORTER

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME: Kim Slaughter | PHONE NO. 575-887-4048 | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 559-3283	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X 6/9/2016	PRINTED/TYPED NAME Eddie Cadena
SIGNATURE X DATE	SIGNATURE Edd DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE Danilo Cativeros | CELL NO. — | DATE 6/9/2016 | TIME 820

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Aaron's

NON-HAZARDOUS WASTE MANIFEST	NO 114661	1. PAGE ___ OF ___	2. TRAILER NO. #257

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/9/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	Cyl			
b. 40,540					
c.					
d. WT: 39840 41380 41360					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" Total 163120	708588

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X Hugo Chavez 6/9/2016	PRINTED/TYPED NAME
SIGNATURE X Hugo Chavez DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
DANIEL (U) RIVEROS		6/9/2016	825

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

H4h

NON-HAZARDOUS WASTE MANIFEST NO 114662 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #102

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP
4. ADDRESS: 2530 State Highway 214
5. PICK-UP DATE: 6/9/2016
PHONE NO.: (575) 441-1099
CITY: Denver City STATE: TX ZIP: 79323
6. TNRCC I.D. NO.:

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non Regulated, Non Hazardous Waste~~	1	CM			
b. 41020					
c. WT. 1					
d. 43020 42,780 41,760					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" TC 168620
13. WASTE PROFILE NO. 708588

TRANSPORTER

14. IN CASE OF EMERGENCY OR SPILL, CONTACT
NAME: Kim Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 556-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: Hector Juarez 6/9/2016	PRINTED/TYPED NAME ___
SIGNATURE: Hector Juarez DATE ___	SIGNATURE ___ DATE ___

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Contreras	—	6/9/2016	830

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Castillo

NON-HAZARDOUS WASTE MANIFEST NO 114663 | 1. PAGE ___ OF ___ | 2. TRAILER NO # 8

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP
4. ADDRESS: 2530 State Highway 214
5. PICK-UP DATE: 8/9/2016
PHONE NO.: (575) 441-1099
CITY: Denver City STATE: TX ZIP: 79323
6. TNRCC I.D. NO.:

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b. 40920					
c.					
d. WT: 41,260 41,180 38,280					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" TC 16140
13. WASTE PROFILE NO.: 708588

TREATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**
NAME: Kin Slaughter PHONE NO: 575-887-4048 24-HOUR EMERGENCY NO.:

OR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3283	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: Ivana Castillo 8/9/2016	PRINTED/TYPED NAME:
SIGNATURE: DATE:	SIGNATURE: DATE:

DISPOSAL FACILITY

Lea Land, LLC | ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM | PHONE: 575-887-4048

PERMIT NO.: WM-01-035 - New Mexico
20. COMMENTS:

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE: Ramos (U) Viveros | CELL NO. | DATE 8/9/2016 | TIME 830

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Quintos

NON-HAZARDOUS WASTE MANIFEST NO 114664 | 1. PAGE ___ OF ___ | 2. TRAILER NO #03

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/9/2016
PHONE NO. (575) 441-1089	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non-Hazardous Waste~~	1	CM			
b. 36440					
c.					
d. WT. 40,060 38,580 38,780					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" TC 153860	708588

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X Noe Soto 6/9/2016	PRINTED/TYPED NAME
SIGNATURE X DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Quintero S		6/9/2016	836

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Quinones

NON-HAZARDOUS WASTE MANIFEST NO 114665 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 04

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/9/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non-Hazardous Waste~~	1	CM			
b. 42480					
c.					
d. WT 41780 41,160 43,780					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" Tc 169200

13. WASTE PROFILE NO. 708588

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
TRC	
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3286	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Andres Quinones 6/9/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Ramos Contreras		6/9/2016	840

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Marin

NON-HAZARDOUS WASTE MANIFEST NO 114666 | 1. PAGE ___ OF ___ | 2. TRAILER NO. M-1

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/9/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non-Hazardous Waste~~	1	CM			
b.					
c.					
d. WT: 38340 38,920 39960					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" To 117,220

13. WASTE PROFILE NO. 708588

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)** TRC	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X MARCIZ MARIN 6/9/2016	PRINTED/TYPED NAME
SIGNATURE X DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO:	DATE 6/9/2016	TIME 840

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Castillo

NON-HAZARDOUS WASTE MANIFEST NO 114684 | 1. PAGE ___ OF ___ | 2. TRAILER NO. # 8

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/10/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT. 38,360 37,260 35,620					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 111,240

13. WASTE PROFILE NO. 708588

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)** TRC	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3283	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Ivan Castillo 6/10/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/10/2016	8:20

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Aarons

NON-HAZARDOUS WASTE MANIFEST NO 114685 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 257

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			6/10/2016
PHONE NO. (575) 441-1099	CITY Denver City	STATE TX	ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT: 40,720 40040 39780					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 120,540	708588

GENERATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Hugo Chavez 6/10/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzales		6/10/2016	8:25

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Aarons

NON-HAZARDOUS WASTE MANIFEST NO 114686 | 1. PAGE ___ OF ___ | 2. TRAILER NO. # 254

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/10/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c.					
d. WT 42,740 39,220 41,680					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 123,640	708588

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)** TRC	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Eddie Coden 6/10/2016	PRINTED/TYPED NAME
SIGNATURE Eddie Coden DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/10/2016	8:30

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

H&L

NON-HAZARDOUS WASTE MANIFEST NO 114687 | 1. PAGE ___ OF ___ | 2. TRAILER NO. # 02

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/10/2018
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT: 42320 40940 42340					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 125600	708588

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3283	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Hector Juarez 6/10/2018	PRINTED/TYPED NAME
SIGNATURE Hector Juarez DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/10/2018	8:30

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Marin

NON-HAZARDOUS WASTE MANIFEST NO 114688 | 1. PAGE__OF__ | 2. TRAILER NO. M-1

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/10/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c.					
d. WT 38,620 37,480 39,460					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 115,560	708588

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME MARCIO MARIN 6/10/2016	PRINTED/TYPED NAME
SIGNATURE Marcio Marin DATE	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/10/2016	8:35

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Crino

NON-HAZARDOUS WASTE MANIFEST NO 114689 | 1. PAGE ___ OF ___ | 2. TRAILER NO. D-11

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/10/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT: 40,480 40,520 41,040					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 122,040	708588

GENERATOR

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME: Kin Slaughter	PHONE NO: 575-887-4048	24-HOUR EMERGENCY NO.

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: Oliver Cerna	PRINTED/TYPED NAME:
SIGNATURE: DATE: 6/10/2016	SIGNATURE: DATE:

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/10/2016	8:40

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Quiñones

NON-HAZARDOUS WASTE MANIFEST NO 114690 | 1. PAGE __ OF __ | 2. TRAILER NO. #03

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP
4. ADDRESS: 2530 State Highway 214
5. PICK-UP DATE: 6/10/2018
PHONE NO.: (575) 441-1099
CITY: Denver City STATE: TX ZIP: 79323
6. TNRCC I.D. NO.:

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non Hazardous Waste~~	1	CM			
b.					
c.					
d. WT 38,520 30,260 40,420					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 115,200
13. WASTE PROFILE NO.: 708588

TREATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**
NAME: Kin Slaughter PHONE NO.: 575-887-4048 24-HOUR EMERGENCY NO.:

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: X Noe Soto 6/10/2018	PRINTED/TYPED NAME:
SIGNATURE: X DATE:	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.: WM-01-035 - New Mexico
20. COMMENTS:

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/10/2018	8:45

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Quiñones

NON-HAZARDOUS WASTE MANIFEST NO 114691 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #4

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			6/10/2016
PHONE NO. (575) 441-1089	CITY Denver City	STATE TX	ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT: 43,180 45,120 42,020					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 130,320	708588

GENERATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

GENERATOR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3283	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Andres Quiñones 6/10/2016	PRINTED/TYPED NAME
SIGNATURE DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/10/2016	8:50

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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

H & L

NON-HAZARDOUS WASTE MANIFEST NO 114717 | 1. PAGE ___ OF ___ | 2. TRAILER NO. # 02

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			6/14/2016
PHONE NO. (575) 441-1099 EM	CITY Denver City	STATE TX	ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b. 40,680					
c.					
d. WT: 42,080 41,980 43,560					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 168,300	708588

TRANSPORTER

14. IN CASE OF EMERGENCY OR SPILL, CONTACT		
NAME: Kin Slaughter	PHONE NO. 575-887-4048	24-HOUR EMERGENCY NO.

OR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
TRC	
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Hector Juarez 6/14/2016	PRINTED/TYPED NAME
SIGNATURE X Hector Juarez DATE	SIGNATURE DATE

DISPOSAL FACILITY

	ADDRESS:	PHONE:
Lea Land, LLC	Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez	—	6/14/2016	7:50

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

Castillo #8

NON-HAZARDOUS WASTE MANIFEST NO 114718 | 1. PAGE__OF__ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME	4. ADDRESS	5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214	6/14/2016
PHONE NO. (575) 441-1099	CITY Denver City STATE TX ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. ~~Non-Regulated, Non-Hazardous Waste~~	1	CM			
b. 41,820					
c.					
d. WT. 39,620 41,020 42,520					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 164,980

13. WASTE PROFILE NO. 708588

TREATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME Kin Slaughter PHONE NO. 575-887-4048 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. **TRANSPORTER (1)** TRC	17. **TRANSPORTER (2)**
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Ivan Castillo	PRINTED/TYPED NAME
SIGNATURE DATE 6/14/2016	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO. WM-01-035 - New Mexico

20. COMMENTS

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/14/2016	8:00

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Aarons

NON-HAZARDOUS WASTE MANIFEST NO 114719 | 1. PAGE ___ OF ___ | 2. TRAILER NO. 257

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP | 4. ADDRESS: 2530 State Highway 214 | 5. PICK-UP DATE: 6/14/2016

PHONE NO. (575) 441-1099 | CITY: Denver City | STATE: TX | ZIP: 79323 | 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste					
b. 25,320					
c. WT					
d. 41,880 44,260 43460					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 154,920

13. WASTE PROFILE NO. 708588

TRANSPORTER

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME: RM Slaughter 575-887-4048 | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME H. Chavez 6/14/2016	PRINTED/TYPED NAME
SIGNATURE H Chavez DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/14/2016	8:05

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Aaron's #254

NON-HAZARDOUS WASTE MANIFEST NO 114721 | 1. PAGE ___ OF ___ | 2. TRAILER NO.

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP | 4. ADDRESS: 2530 State Highway 214 | 5. PICK-UP DATE: 6/14/2018

PHONE NO.: (575) 441-1099 | CITY: Denver City | STATE: TX | ZIP: 79323 | 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated Non Hazardous Waste					
b. 15,040					
c. WT					
d. 45,040 41,880 44,360					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 146,920

13. WASTE PROFILE NO. 708588

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME: Slaughter 575-887-4048 | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: Eddie Cadena 6/14/2018	PRINTED/TYPED NAME:
SIGNATURE: Eddie M DATE:	SIGNATURE: DATE:

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO.: WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzales		6/14/2018	8:10

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

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 Marin

NON-HAZARDOUS WASTE MANIFEST NO 114722 | 1. PAGE ___ OF ___ | 2. TRAILER NO. M-1

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP | 4. ADDRESS: 2530 State Highway 214 | 5. PICK-UP DATE: 6/14/2016

PHONE NO. (575) 441-1099 | CITY: Denver City | STATE: TX | ZIP: 79323 | 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste					
b. 25,180					
c. WT					
d. 43,240 37,160 39,460					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 145,040

13. WASTE PROFILE NO. 708588

14. IN CASE OF EMERGENCY OR SPILL, CONTACT: KM Slaughter 575-887-4048 | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO. Kurt Stanley (432) 559-3283	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME NARCIZO MARIN 6/14/2016	PRINTED/TYPED NAME
SIGNATURE Moriz mon DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE Santos Gonzalez	CELL NO.	DATE 6/14/2016	TIME 8:10

GENERATOR: COPIES 1 & 6 | DISPOSAL SITE: COPIES 2 & 3 | TRANSPORTERS: COPIES 4 & 5

COPY 1

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

Quiñones

NON-HAZARDOUS WASTE MANIFEST NO 114723 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #03

GENERATOR

3. COMPANY NAME: Plains Pipeline, LP | 4. ADDRESS: 2530 State Highway 214 | 5. PICK-UP DATE: 6/14/2016

PHONE NO. (575) 441-1099 | CITY: Denver City | STATE: TX | ZIP: 79323 | 6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non-Hazardous Waste					
b. 29,480					
c. WT					
d. 39,540 39,220 42,640					

12. COMMENTS OR SPECIAL INSTRUCTIONS: PLAINS COTTON DRAW STATION ULT "E" T@ 150,900

13. WASTE PROFILE NO. 708588

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME: Kim Slaughter PHONE: 575-887-4048 | 24-HOUR EMERGENCY NO.

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME | SIGNATURE | DATE

TRANSPORTERS

16. TRANSPORTER (1) TRC	17. TRANSPORTER (2)
NAME:	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME: Noe Soto 6/14/2016	PRINTED/TYPED NAME:
SIGNATURE: X DATE:	SIGNATURE: DATE:

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048
PERMIT NO. WM-01-035 - New Mexico	20. COMMENTS	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzales		6/14/2016	8:35

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 Cerino

NON-HAZARDOUS WASTE MANIFEST NO 114724 | 1. PAGE ___ OF ___ | 2. TRAILER NO. D-8

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			8/14/2016
PHONE NO. (575) 441-1099	CITY Denver City	STATE TX	ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b. 26,880					
c.					
d. WT 43,380 40420 40920					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E" T@ 151,600	708588

14. IN CASE OF EMERGENCY OR SPILL, CONTACT

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

15. GENERATOR'S CERTIFICATION: I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. TRANSPORTER (1)	17. TRANSPORTER (2)
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 558-3293	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME Oliver Cerino	PRINTED/TYPED NAME
SIGNATURE X DATE 8/14/2016	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		8/14/2016	8:40

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 Driñons

NON-HAZARDOUS WASTE MANIFEST NO 114725 | 1. PAGE ___ OF ___ | 2. TRAILER NO. #4

GENERATOR

3. COMPANY NAME	4. ADDRESS			5. PICK-UP DATE
Plains Pipeline, LP	2530 State Highway 214			6/14/2016
PHONE NO. (575) 441-1099	CITY Denver City	STATE TX	ZIP 79323	6. TNRCC I.D. NO.

7. NAME OR DESCRIPTION OF WASTE SHIPPED:	8. CONTAINERS No.	Type	9. TOTAL QUANTITY	10. UNIT Wt/Vol.	11. TEXAS WASTE ID #
a. Non-Regulated, Non Hazardous Waste	1	CM			
b.					
c.					
d. WT: 41,460					

12. COMMENTS OR SPECIAL INSTRUCTIONS:	13. WASTE PROFILE NO.
PLAINS COTTON DRAW STATION ULT "E"	708588

TREATOR

14. **IN CASE OF EMERGENCY OR SPILL, CONTACT**

NAME	PHONE NO	24-HOUR EMERGENCY NO.
Kin Slaughter	575-887-4048	

OR

15. **GENERATOR'S CERTIFICATION:** I Hereby declare that the contents of this consignment are fully and accurately described above by proper 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 LAND, LLC

PRINTED/TYPED NAME	SIGNATURE	DATE

TRANSPORTERS

16. **TRANSPORTER (1)**	17. **TRANSPORTER (2)**
NAME: TRC	NAME:
TEXAS I.D. NO.	TEXAS I.D. NO.
IN CASE OF EMERGENCY CONTACT: Kurt Stanley (432) 559-3283	IN CASE OF EMERGENCY CONTACT:
EMERGENCY PHONE:	EMERGENCY PHONE:
18. **TRANSPORTER (1):** Acknowledgment of receipt of material	19. **TRANSPORTER (2):** Acknowledgment of receipt of material
PRINTED/TYPED NAME X Andy Cruz 6/14/2016	PRINTED/TYPED NAME
SIGNATURE X DATE	SIGNATURE DATE

DISPOSAL FACILITY

Lea Land, LLC	ADDRESS: Mile Marker 64, U.S. Hwy 62/180, 30 Miles East of Carlsbad, NM	PHONE: 575-887-4048

PERMIT NO.	20. COMMENTS
WM-01-035 - New Mexico	

21. **DISPOSAL FACILITY'S CERTIFICATION:** I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.

AUTHORIZED SIGNATURE	CELL NO.	DATE	TIME
Santos Gonzalez		6/14/2016	1:50

GENERATOR: COPIES 1 & 6 DISPOSAL SITE: COPIES 2 & 3 TRANSPORTERS: COPIES 4 & 5

COPY 1

Appendix E
BLM and NMOCD email correspondence

Stanley, Curtis D.

From: Pair, Randal <rpair@blm.gov>
Sent: Thursday, July 21, 2016 8:16 PM
To: 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: rpair@blm.gov

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:CDStanley@trcsolutions.com]
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

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 <CJBryant@paalp.com>
Cc: Stanley, Curtis D. <CDStanley@trcsolutions.com>; 'Pair, Randal' <rpair@blm.gov>
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

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

APPROVED

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

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

Surface Owner BLM	Mineral Owner	Lease No.

LOCATION OF RELEASE

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 04/19/2016 @ 08:40	Date and Hour of Discovery 04/19/2016 @ 08:40
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Verbal notification to Jamie Keyes	
By Whom? Camille Bryant	Date and Hour 04/19/2016@10:34	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Failure to recognize hazard of the removal of a blind from an active system with no use of lock-out-tag-out and failure to identify the need for coordination on simultaneous tasks on the same equipment resulted in a release of crude oil.

Describe Area Affected and Cleanup Action Taken. The released crude oil impacted an area of approximately 53,000 square feet inside the facility the release fluid then flowed south and impacted an area of approximately 2,800 square feet along the outside of the fence line. The released fluid continued south impacting an area of approximately 450 square feet off the caliche pad. The impacted area will be remediated as per applicable NMOCD guidelines.

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

Signature: Camille Bryant

Printed Name: Camille Bryant

Title: Remediation Coordinator

E-mail Address: cjbryant@paalp.com

Date: 5/13/16 Phone: (575) 441-1099

OIL CONSERVATION DIVISION

Approved by District Supervisor: Jamie Keyes

Approval Date: 05/12/2016 Expiration Date: 07/12/2016

Conditions of Approval:
Discrete samples only. Delineate and remediate per NMOCD guidelines. Ensure BLM concurrence/ approval.

Attached ☐
1RP 4276

nJXK1613338108
pJXK1613338272"

* Attach Additional Sheets If Necessary