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DELINEATION INVESTIGATION REPORT
Triple A Federal #2 Site Release
Lea County, New Mexico

December 15, 2016

Prepared for:

Siana Operating LLC
12012 Wickchester Lane, Ste 410
Houston, Texas 77079

Prepared by:

Charger Services, Inc.
3300 N. A Street, Bldg 7
Midland, Texas 79705



Coty Woolf
Environmental Professional

Table of Contents

1.0 EXECUTIVE SUMMARY.....2
2.0 INTRODUCTON3
 2.1 Setting3
3.0 SPILL INVESTIGATION3
4.0 RECOMMENDATION.....3

List of Tables

Table 1 Soil Analytical Data Summary

List of Figures

Figure 1 Topographic Map
Figure 2 Aerial Drawing

List of Appendices

Appendix A Boring Logs
Appendix B Laboratory Report

1.0 EXECUTIVE SUMMARY

This report is submitted to Siana Operating LLC (Siana), by Charger Services, Inc., (Charger), to present the delineation investigation of a crude oil and produced water spill at the Triple A Federal #2 Site, located in Lea County, New Mexico. The spill occurred before March 24, 2016, because of equipment failure. An unknown quantity of oil and produced water were lost at the Site and covering approximately 8,700 sq. ft. of the facility. Zero bbl of oil and water were recovered with unknown total lost.

On March 24, 2016, Charger personnel arrived at the Curry State #5 Site to initiate an investigation into the release. While at the site, Charger personnel collected photo documentation of the incident and established a work plan with Siana field personnel.

On October 11, 2016, Charger personnel delineated the Site. The samples were analyzed for BTEX, TPH, and Chlorides. The laboratory ran samples consecutively until below NMOCD action limits for each sample point.

Remediation recommendations will be submitted in a separate proposal.

2.0 INTRODUCTION

This report is submitted to Siana Operating LLC (Siana), by Charger Services, Inc., (Charger), to present the delineation investigation of a crude oil and produced water spill at the Triple A Federal #2 Site, located in Lea County, New Mexico. The spill occurred before March 24, 2016, because of equipment failure. An unknown quantity of oil and produced water were lost at the Site and covering approximately 8,700 sq. ft. of the facility. Zero bbl of oil and water were recovered with unknown total lost. The geodetic position for the spill is 32°19'1.81"N, 103°27'20.54"W. Figure 1 presents a topographic map. Figure 2 presents an aerial map.

2.1 Setting

The setting is as follows:

- The Site is located approximately 19 miles southwest of Eunice, in Lea County, New Mexico;
- The elevation is approximately 3,380 feet above mean sea level (MSL);
- The topography is slightly undulating and slopes to the east;
- The nearest water well is located about 0.6 miles northeast and is undocumented;
- The closet surface water feature is a playa lake (seasonal) located about 3.1 miles east of the Site;
- Runoff is to the north and east.

3.0 SPILL INVESTIGATION

On March 24, 2016, Charger personnel arrived at the Site to initiate an investigation into the crude oil and produced water release. While at the Site, Charger personnel collected photo documentation of the releases and established a work plan.

On October 11, 2016, Charger personnel used an air rotary drill to collect soil samples at two (2) boring locations. The samples were collected at 2 ft, 5ft, 10 ft, etc. to 100 foot below ground surface (bgs) and analyzed by Permian Basin Environmental Lab, LP, (PBELAB) for total petroleum hydrocarbons (TPH) by method 8015M, BTEX by method 8021B, and Chlorides by method E-300.

The laboratory reported chlorides concentrations above the NMOCD action level of 250 milligrams per kilogram (mg/kg) in samples down to 100 ft bgs In sample SB-1. Table 1 presents a summary of the laboratory analysis. Appendix B presents the laboratory reports.

4.0 RECOMMENDATION

Remediation recommendations will be submitted in a separate proposal.

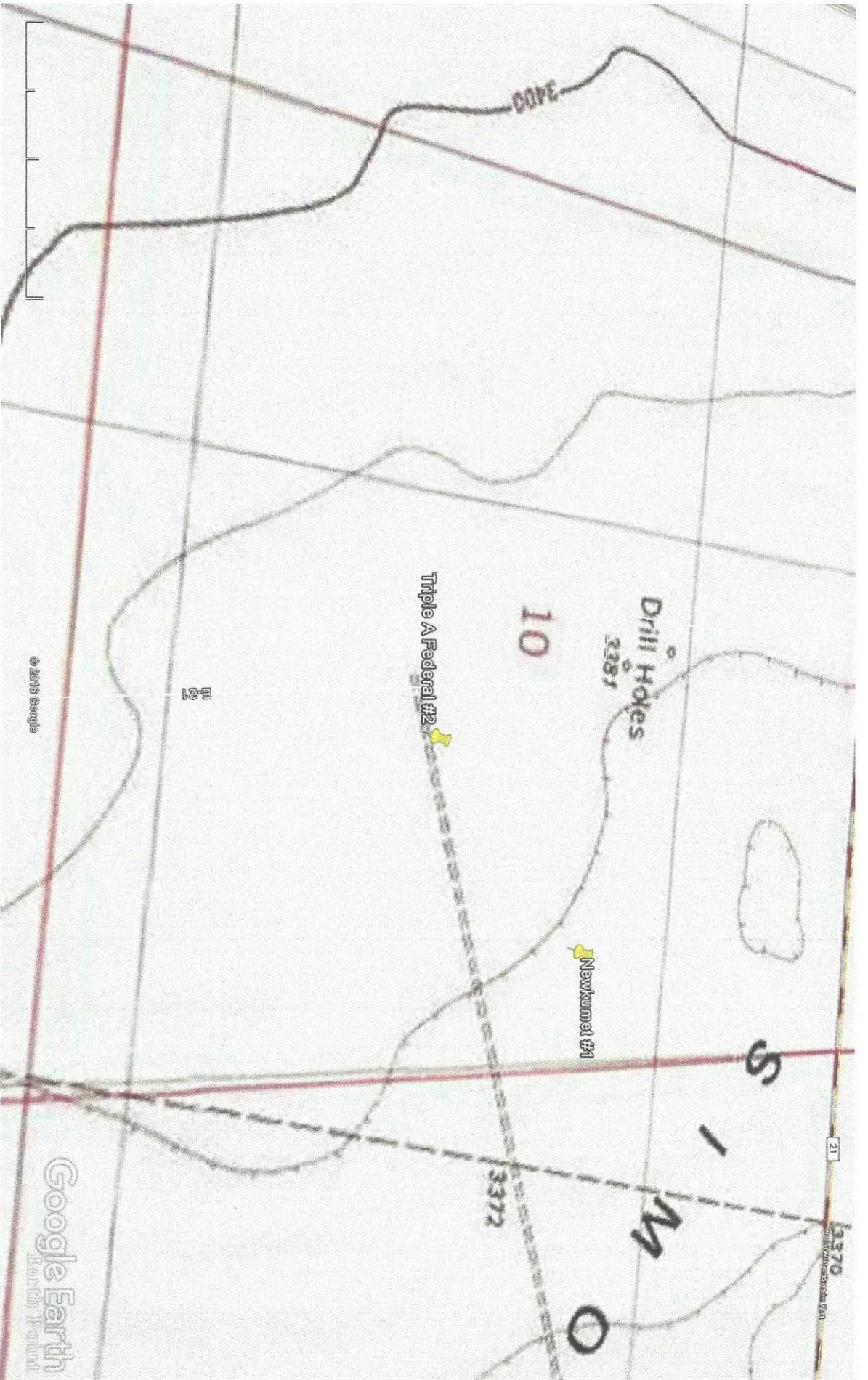
TABLES

Table 1
 Soil Samples Analytical Summary
 Siana Oil and Gas, Triple A Federal #2
 Lea County, New Mexico

Boring	Depth Feet BGS	Date	Chloride mg/Kg	Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Xylene mg/kg	GRO mg/Kg	DRO mg/Kg	Oil mg/Kg	Total TPH mg/Kg
RRAL:											
											5,000
SB-1	2 - 3	10/11/2016	27	<0.00111	<0.00222	<0.00111	<0.00222	<27.778	<27.778	<27.778	<27.778
	5 - 6	10/11/2016	274	--	--	--	--	--	--	--	0
	10 - 11	10/11/2016	2,760	--	--	--	--	--	--	--	0
	15 - 16	10/11/2016	6,650	--	--	--	--	--	--	--	0
	20 - 21	10/11/2016	5,600	--	--	--	--	--	--	--	0
	25 - 26	10/11/2016	4,220	--	--	--	--	--	--	--	0
	30 - 31	10/11/2016	4,790	--	--	--	--	--	--	--	0
	35 - 36	10/11/2016	4,880	--	--	--	--	--	--	--	0
	40 - 41	10/11/2016	7,720	--	--	--	--	--	--	--	0
	45 - 46	10/11/2016	6,960	--	--	--	--	--	--	--	0
	50 - 51	10/11/2016	6,090	--	--	--	--	--	--	--	0
	55 - 56	10/11/2016	10,800	--	--	--	--	--	--	--	0
	60 - 61	10/11/2016	12,200	--	--	--	--	--	--	--	0
	65 - 66	10/11/2016	17,100	--	--	--	--	--	--	--	0
	70 - 71	10/11/2016	11,100	--	--	--	--	--	--	--	0
	75 - 76	10/11/2016	10,100	--	--	--	--	--	--	--	0
	80 - 81	10/11/2016	12,200	--	--	--	--	--	--	--	0
85 - 86	10/11/2016	9,720	--	--	--	--	--	--	--	0	
90 - 91	10/11/2016	8,230	--	--	--	--	--	--	--	0	
95 - 96	10/11/2016	9,770	--	--	--	--	--	--	--	0	
100 - 101	10/11/2016	10,600	--	--	--	--	--	--	--	0	
SB-2	2 - 3	10/11/2016	204	<0.00111	<0.00222	<0.00111	<0.00222	<27.778	<27.778	<27.778	<27.778
	5 - 6	10/11/2016	250	--	--	--	--	<32.051	<32.051	<32.051	<32.051
	10 - 11	10/11/2016	59	--	--	--	--	--	--	--	0
	15 - 16	10/11/2016	141	--	--	--	--	--	--	--	0

Notes: Analysis performed by Permian Basin Environmental Lab, Midland, Texas
 Samples analyzed via EPA method SW-8015M (TPH) and SW-300 (chloride).
 Depth measurements are in feet below ground surface (bgs).
 All concentrations are in milligrams per kilogram (mg/Kg) equivalent to parts per million (ppm).

FIGURES



Google Earth

feet
km

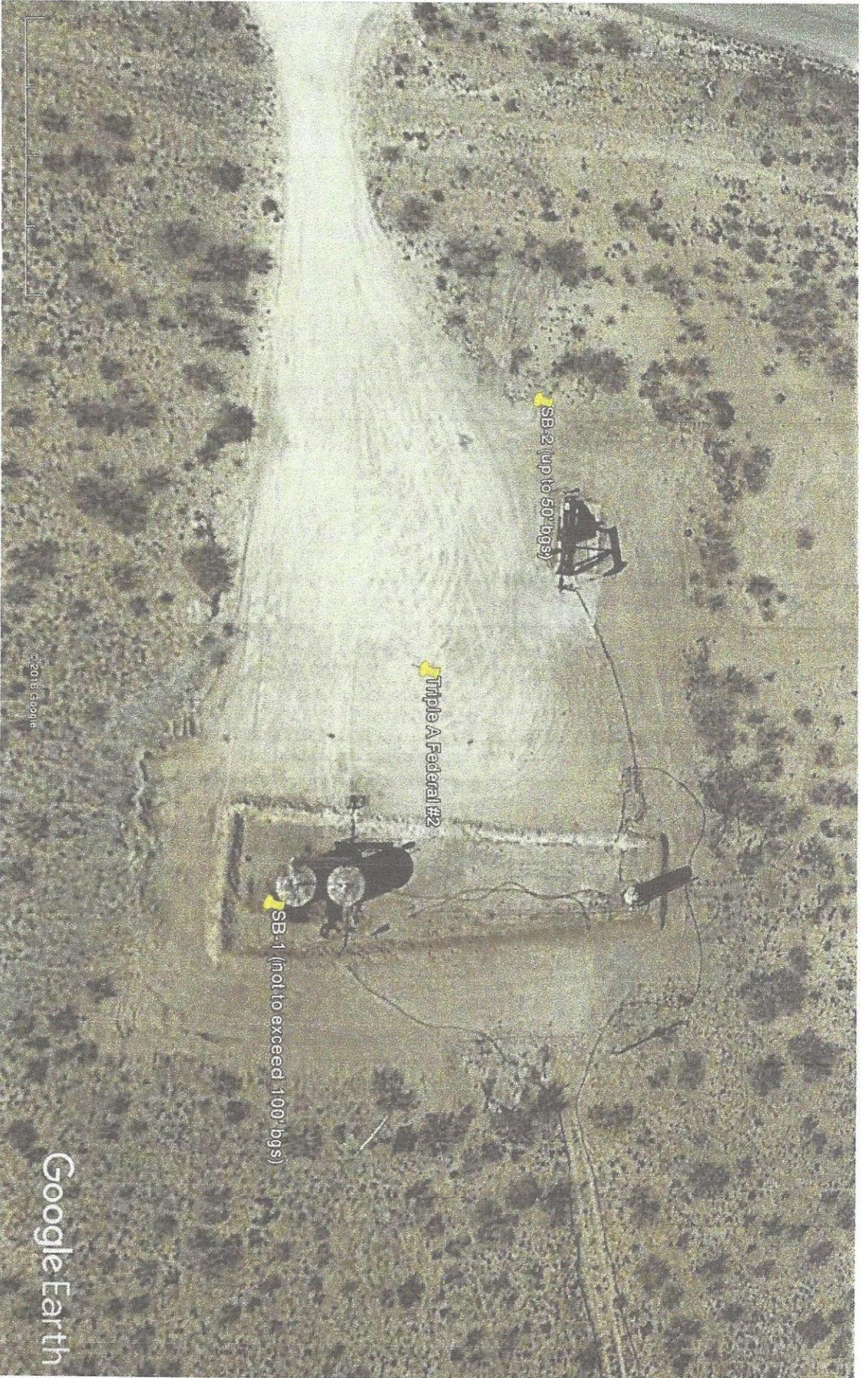


4000



© 2015 Google

Google Earth
Earth's Footprint



© 2016 Google

Google Earth

feet
meters

200

80

Google Earth

Appendix A

Site Name: Siana Triple A Fed #2
Job Number: 16-0401
Driller: Scarborough Drilling
Drill Method: Air Rotary
Latitude: 32°19'1.81"N

Location: Lea County, NM
Boring ID: SB-1
Date: 10/11/2016
Geologist: A. Pachlhofer
Longitude: 103°27'20.54"W

Depth	Time	PID (ppm)	USCS	Munsell Color	Description
Surface					
2	9:50	0.0	CH	Medium brown/slight red	Organic silt & clays/top soil with angular cobbles of caliche
5	9:55	0.0	SM	Pinkish brown	Sand with fines/silts & clays/fine ground caliche
10	10:00	0.0	SM	Light orange	Medium sized sand/25% - 40% fines/silts & clays
15	10:05	0.0	SM	Light orange to tan	Medium sized sand/25% - 40% fines/silts & clays
20	10:10	0.0	SM	Light orange to tan	Medium sized sand/25% - 40% fines/silts & clays
25	10:15	0.0	SP	Orange to light orange	Medium to fine sand/little to no silts or clays
30	10:20	0.0	SP	Orange to light orange	Medium to fine sand/little to no silts or clays
35	10:25	0.0	SP	Orange to light orange	Medium to fine sand/little to no silts or clays
40	10:30	0.0	SP	Orange to light orange	Medium to fine sand/little to no silts or clays
45	10:35	0.0	SP	Orange to light orange	Medium to fine sand/little to no silts or clays
50	10:40	0.0	SP	Lighter orange	Medium to fine sand/little to no silts or clays
55	10:45	0.0	SP	Lighter orange	Medium to fine sand/little to no silts or clays
60	10:50	0.0	SP	Lighter orange	Fine sand/little to no silts or clays
65	11:00	0.0	SP	Light orange to tan	Medium sand/well sorted
70	11:05	0.0	SP	Light orange to tan	Medium sand/well sorted
75	11:10	0.0	SP	Light orange to tan	Medium sand/well sorted
80	11:15	0.0	SP	Light orange to tan	Medium sand/well sorted
85	11:20	0.0	SP	Lighter orange	Medium sand with pebbles/may be trash from surface
90	11:25	0.0	SP	Light orange to tan	Medium sand with pebbles/may be trash from surface
95	11:30	0.0	SP	Light orange to tan	Fine sand/little to no silts or clays
100	11:35	0.0	SP	Light orange to tan	Fine sand/little to no silts or clays

Site Name: Siana Triple A Fed #2
Job Number: 16-0401
Driller: Scarborough Drilling
Drill Method: Air Rotary
Latitude: 32°19'1.81"N

Location: Lea County, NM
Boring ID: SB-2
Date: 10/11/2016
Geologist: A. Pachlhofer
Longitude: 103°27'20.54"W

Depth	Time	PID (ppm)	USCS	Munsell Color	Description
Surface					
2	12:00	0.0	CH	Medium brown/slight red	Organic silt & clays/top soil with angular cobbles of caliche
5	12:05	0.0	SM	Pinkish brown	Sand with fines/silts & clays/fine ground caliche
10	12:10	0.0	SM	Light orange	Medium sized sand/25% - 40% fines/silts & clays
15	12:15	0.0	SM	Light orange to tan	Medium sized sand/25% - 40% fines/silts & clays

Appendix B

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



Analytical Report

Prepared for:

Coty Woolf
Charger Services
P.O. Box 53070
Midland, TX 79710

Project: Triple A Fed #2

Project Number: [none]

Location:

Lab Order Number: 6J17004



NELAP/TCEQ # T104704156-16-6

Report Date: 11/02/16

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1 (2)	6J17004-01	Soil	10/11/16 09:50	10-14-2016 16:18
SB-1 (5)	6J17004-02	Soil	10/11/16 09:55	10-14-2016 16:18
SB-1 (10)	6J17004-03	Soil	10/11/16 10:00	10-14-2016 16:18
SB-1 (15)	6J17004-04	Soil	10/11/16 10:05	10-14-2016 16:18
SB-1 (20)	6J17004-05	Soil	10/11/16 10:10	10-14-2016 16:18
SB-1 (25)	6J17004-06	Soil	10/11/16 10:15	10-14-2016 16:18
SB-1 (30)	6J17004-07	Soil	10/11/16 10:20	10-14-2016 16:18
SB-1 (35)	6J17004-08	Soil	10/11/16 10:25	10-14-2016 16:18
SB-1 (40)	6J17004-09	Soil	10/11/16 10:30	10-14-2016 16:18
SB-1 (45)	6J17004-10	Soil	10/11/16 10:35	10-14-2016 16:18
SB-1 (50)	6J17004-11	Soil	10/11/16 10:40	10-14-2016 16:18
SB-1 (55)	6J17004-12	Soil	10/11/16 10:45	10-14-2016 16:18
SB-1 (60)	6J17004-13	Soil	10/11/16 10:50	10-14-2016 16:18
SB-1 (65)	6J17004-14	Soil	10/11/16 11:00	10-14-2016 16:18
SB-1 (70)	6J17004-15	Soil	10/11/16 11:05	10-14-2016 16:18
SB-1 (75)	6J17004-16	Soil	10/11/16 11:10	10-14-2016 16:18
SB-1 (80)	6J17004-17	Soil	10/11/16 11:15	10-14-2016 16:18
SB-1 (85)	6J17004-18	Soil	10/11/16 11:20	10-14-2016 16:18
SB-1 (90)	6J17004-19	Soil	10/11/16 11:25	10-14-2016 16:18
SB-1 (95)	6J17004-20	Soil	10/11/16 11:30	10-14-2016 16:18
SB-1 (100)	6J17004-21	Soil	10/11/16 11:35	10-14-2016 16:18
SB-2 (2)	6J17004-22	Soil	10/11/16 12:00	10-14-2016 16:18
SB-2 (5)	6J17004-23	Soil	10/11/16 12:05	10-14-2016 16:18
SB-2 (10)	6J17004-24	Soil	10/11/16 12:10	10-14-2016 16:18
SB-2 (15)	6J17004-25	Soil	10/11/16 12:15	10-14-2016 16:18

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (2)
6J17004-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00111	mg/kg dry	1	P6J1907	10/19/16	10/19/16	EPA 8021B	
Toluene	ND	0.00222	mg/kg dry	1	P6J1907	10/19/16	10/19/16	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P6J1907	10/19/16	10/19/16	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P6J1907	10/19/16	10/19/16	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P6J1907	10/19/16	10/19/16	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.5 %		75-125	P6J1907	10/19/16	10/19/16	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		74.5 %		75-125	P6J1907	10/19/16	10/19/16	EPA 8021B	S-GC
C6-C12	ND	27.778	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
>C12-C28	ND	27.778	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
>C28-C35	ND	27.778	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
<i>Surrogate: 1-Chlorooctane</i>		90.1 %		70-130	P6J1808	10/15/16	10/18/16	TX 1005	
<i>Surrogate: o-Terphenyl</i>		94.8 %		70-130	P6J1808	10/15/16	10/18/16	TX 1005	
Total Hydrocarbon nC6-nC35	ND	27.778	mg/kg dry	1	[CALC]	10/15/16	10/18/16	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

Chloride	26.5	1.11	mg/kg dry	1	P6J1702	10/17/16	10/18/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6J1804	10/18/16	10/18/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (5)
6J17004-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

C6-C12	ND	28.409	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
>C12-C28	ND	28.409	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
>C28-C35	ND	28.409	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
<i>Surrogate: 1-Chlorooctane</i>		89.9 %		70-130	P6J1808	10/15/16	10/18/16	TX 1005	
<i>Surrogate: o-Terphenyl</i>		94.6 %		70-130	P6J1808	10/15/16	10/18/16	TX 1005	
Total Hydrocarbon nC6-nC35	ND	28.409	mg/kg dry	1	[CALC]	10/15/16	10/18/16	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

Chloride	274	1.14	mg/kg dry	1	P6J1702	10/17/16	10/18/16	EPA 300.0	
% Moisture	12.0	0.1	%	1	P6J1804	10/18/16	10/18/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (10)
6J17004-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	2760	11.5	mg/kg dry	10	P6J1702	10/17/16	10/18/16	EPA 300.0	
% Moisture	13.0	0.1	%	1	P6J1804	10/18/16	10/18/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (15)
6J17004-04 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	6650	27.5	mg/kg dry	25	P6J1702	10/17/16	10/18/16	EPA 300.0	
% Moisture	9.0	0.1	%	1	P6J1804	10/18/16	10/18/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (20)
6J17004-05 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	5600	27.8	mg/kg dry	25	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (25)
6J17004-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	4220	27.8	mg/kg dry	25	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (30)
6J17004-07 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	4790	26.9	mg/kg dry	25	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (35)
6J17004-08 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	4880	26.3	mg/kg dry	25	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (40)
6J17004-09 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	7720	28.1	mg/kg dry	25	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (45)
6J17004-10 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	6960	27.5	mg/kg dry	25	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	9.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (50)
6J17004-11 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	6090	27.5	mg/kg dry	25	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	9.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (55)
6J17004-12 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	10800	57.5	mg/kg dry	50	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	13.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (60)
6J17004-13 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	12200	53.8	mg/kg dry	50	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	7.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (65)
6J17004-14 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	17100	54.9	mg/kg dry	50	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	9.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (70)
6J17004-15 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	11100	60.2	mg/kg dry	50	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	17.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (75)
6J17004-16 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	10100	52.1	mg/kg dry	50	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (80)
6J17004-17 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	12200	64.9	mg/kg dry	50	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	23.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (85)
6J17004-18 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	9720	52.1	mg/kg dry	50	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	4.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (90)
6J17004-19 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	8230	26.3	mg/kg dry	25	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (95)
6J17004-20 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	9770	53.2	mg/kg dry	50	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-1 (100)
6J17004-21 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	10600	34.2	mg/kg dry	25	P6K0105	11/01/16	11/02/16	EPA 300.0	
% Moisture	27.0	0.1	%	1	P6K0104	11/01/16	11/01/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-2 (2)
6J17004-22 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

Benzene	ND	0.00111	mg/kg dry	1	P6J1907	10/19/16	10/19/16	EPA 8021B	
Toluene	ND	0.00222	mg/kg dry	1	P6J1907	10/19/16	10/19/16	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P6J1907	10/19/16	10/19/16	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P6J1907	10/19/16	10/19/16	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P6J1907	10/19/16	10/19/16	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.6 %			<i>P6J1907</i>	<i>10/19/16</i>	<i>10/19/16</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		75.2 %			<i>P6J1907</i>	<i>10/19/16</i>	<i>10/19/16</i>	<i>EPA 8021B</i>	
C6-C12	ND	27.778	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
>C12-C28	ND	27.778	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
>C28-C35	ND	27.778	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
<i>Surrogate: 1-Chlorooctane</i>		92.0 %			<i>P6J1808</i>	<i>10/15/16</i>	<i>10/18/16</i>	<i>TX 1005</i>	
<i>Surrogate: o-Terphenyl</i>		97.6 %			<i>P6J1808</i>	<i>10/15/16</i>	<i>10/18/16</i>	<i>TX 1005</i>	
Total Hydrocarbon nC6-nC35	ND	27.778	mg/kg dry	1	[CALC]	10/15/16	10/18/16	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

Chloride	204	1.11	mg/kg dry	1	P6J1702	10/17/16	10/18/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6J1804	10/18/16	10/18/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-2 (5)
6J17004-23 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

Organics by GC

C6-C12	ND	32.051	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
>C12-C28	ND	32.051	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
>C28-C35	ND	32.051	mg/kg dry	1	P6J1808	10/15/16	10/18/16	TX 1005	
<i>Surrogate: 1-Chlorooctane</i>		96.0 %		70-130	P6J1808	10/15/16	10/18/16	TX 1005	
<i>Surrogate: o-Terphenyl</i>		99.6 %		70-130	P6J1808	10/15/16	10/18/16	TX 1005	
Total Hydrocarbon nC6-nC35	ND	32.051	mg/kg dry	1	[CALC]	10/15/16	10/18/16	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

Chloride	250	1.28	mg/kg dry	1	P6J1702	10/17/16	10/18/16	EPA 300.0	
% Moisture	22.0	0.1	%	1	P6J1804	10/18/16	10/18/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-2 (10)
6J17004-24 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	59.0	1.11	mg/kg dry	1	P6J1702	10/17/16	10/18/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6J1804	10/18/16	10/18/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SB-2 (15)
6J17004-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.

General Chemistry Parameters by EPA / Standard Methods

Chloride	141	1.15	mg/kg dry	1	P6J1702	10/17/16	10/18/16	EPA 300.0	
% Moisture	13.0	0.1	%	1	P6J1804	10/18/16	10/18/16	% calculation	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

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
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Batch P6J1808 - General Preparation (GC)

Blank (P6J1808-BLK1)										
Prepared: 10/15/16 Analyzed: 10/18/16										
C6-C12	ND	25.000	mg/kg wet							
>C12-C28	ND	25.000	"							
>C28-C35	ND	25.000	"							
Surrogate: 1-Chlorooctane	101		"	100		101	70-130			
Surrogate: o-Terphenyl	53.7		"	50.0		107	70-130			

LCS (P6J1808-BS1)										
Prepared: 10/15/16 Analyzed: 10/18/16										
C6-C12	998	25.000	mg/kg wet	1000		99.8	75-125			
>C12-C28	928	25.000	"	1000		92.8	75-125			
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	51.1		"	50.0		102	70-130			

LCS Dup (P6J1808-BSD1)										
Prepared: 10/15/16 Analyzed: 10/18/16										
C6-C12	957	25.000	mg/kg wet	1000		95.7	75-125	4.14	20	
>C12-C28	867	25.000	"	1000		86.7	75-125	6.84	20	
Surrogate: 1-Chlorooctane	113		"	100		113	70-130			
Surrogate: o-Terphenyl	49.6		"	50.0		99.3	70-130			

Batch P6J1907 - General Preparation (GC)

Blank (P6J1907-BLK1)										
Prepared & Analyzed: 10/19/16										
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	0.0638		"	0.0800		79.7	75-125			
Surrogate: 4-Bromofluorobenzene	0.0766		"	0.0800		95.7	75-125			

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

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
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Batch P6J1907 - General Preparation (GC)

LCS (P6J1907-BS1)		Prepared & Analyzed: 10/19/16								
Benzene	0.0903	0.00100	mg/kg wet	0.100		90.3	70-130			
Toluene	0.0887	0.00200	"	0.100		88.7	70-130			
Ethylbenzene	0.119	0.00100	"	0.100		119	70-130			
Xylene (p/m)	0.223	0.00200	"	0.200		112	70-130			
Xylene (o)	0.107	0.00100	"	0.100		107	70-130			
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>0.0693</i>		"	<i>0.0800</i>		<i>86.6</i>	<i>75-125</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0726</i>		"	<i>0.0800</i>		<i>90.7</i>	<i>75-125</i>			

LCS Dup (P6J1907-BSD1)		Prepared & Analyzed: 10/19/16								
Benzene	0.0936	0.00100	mg/kg wet	0.100		93.6	70-130	3.64	20	
Toluene	0.0944	0.00200	"	0.100		94.4	70-130	6.21	20	
Ethylbenzene	0.104	0.00100	"	0.100		104	70-130	13.1	20	
Xylene (p/m)	0.212	0.00200	"	0.200		106	70-130	5.16	20	
Xylene (o)	0.116	0.00100	"	0.100		116	70-130	8.18	20	
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>0.0688</i>		"	<i>0.0800</i>		<i>86.0</i>	<i>75-125</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0777</i>		"	<i>0.0800</i>		<i>97.1</i>	<i>75-125</i>			

Matrix Spike (P6J1907-MS1)		Source: 6J17004-01		Prepared & Analyzed: 10/19/16						
Benzene	0.0715	0.00111	mg/kg dry	0.111	ND	64.4	80-120			QM-07
Toluene	0.0720	0.00222	"	0.111	ND	64.8	80-120			QM-07
Ethylbenzene	0.105	0.00111	"	0.111	ND	94.4	80-120			
Xylene (p/m)	0.187	0.00222	"	0.222	ND	84.1	80-120			
Xylene (o)	0.0923	0.00111	"	0.111	ND	83.1	80-120			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>0.0879</i>		"	<i>0.0889</i>		<i>98.8</i>	<i>75-125</i>			
<i>Surrogate: 1,4-Difluorobenzene</i>	<i>0.0707</i>		"	<i>0.0889</i>		<i>79.5</i>	<i>75-125</i>			

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

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
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Batch P6J1702 - * DEFAULT PREP *****

Blank (P6J1702-BLK1)				Prepared: 10/17/16 Analyzed: 10/18/16						
Chloride	ND	1.00	mg/kg wet							
LCS (P6J1702-BS1)				Prepared: 10/17/16 Analyzed: 10/18/16						
Chloride	400	1.00	mg/kg wet	400		99.9	80-120			
LCS Dup (P6J1702-BSD1)				Prepared: 10/17/16 Analyzed: 10/18/16						
Chloride	398	1.00	mg/kg wet	400		99.6	80-120	0.313	20	
Duplicate (P6J1702-DUP1)				Source: 6J17002-01 Prepared: 10/17/16 Analyzed: 10/18/16						
Chloride	935	11.1	mg/kg dry		940			0.569	20	
Duplicate (P6J1702-DUP2)				Source: 6J17004-25 Prepared: 10/17/16 Analyzed: 10/18/16						
Chloride	141	1.15	mg/kg dry		141			0.0163	20	
Matrix Spike (P6J1702-MS1)				Source: 6J17002-01 Prepared: 10/17/16 Analyzed: 10/18/16						
Chloride	1540	11.1	mg/kg dry	556	940	108	80-120			

Batch P6J1804 - * DEFAULT PREP *****

Blank (P6J1804-BLK1)				Prepared & Analyzed: 10/18/16						
% Moisture	ND	0.1	%							
Duplicate (P6J1804-DUP1)				Source: 6J17004-25 Prepared & Analyzed: 10/18/16						
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P6J1804-DUP2)				Source: 6J17009-05 Prepared & Analyzed: 10/18/16						
% Moisture	ND	0.1	%		ND				20	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

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
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Batch P6J1804 - * DEFAULT PREP *****

Duplicate (P6J1804-DUP3)		Source: 6J17013-04			Prepared & Analyzed: 10/18/16					
% Moisture	ND	0.1	%		8.0			200	20	

Batch P6K0104 - * DEFAULT PREP *****

Blank (P6K0104-BLK1)		Prepared & Analyzed: 11/01/16								
% Moisture	ND	0.1	%							

Duplicate (P6K0104-DUP1)		Source: 6J31008-02			Prepared & Analyzed: 11/01/16					
% Moisture	2.0	0.1	%		3.0			40.0	20	

Duplicate (P6K0104-DUP2)		Source: 6J20003-13			Prepared & Analyzed: 11/01/16					
% Moisture	2.0	0.1	%		1.0			66.7	20	

Batch P6K0105 - * DEFAULT PREP *****

Blank (P6K0105-BLK1)		Prepared: 11/01/16 Analyzed: 11/02/16								
Chloride	ND	1.00	mg/kg wet							

LCS (P6K0105-BS1)		Prepared: 11/01/16 Analyzed: 11/02/16								
Chloride	404	1.00	mg/kg wet	400		101	80-120			

Duplicate (P6K0105-DUP1)		Source: 6K01001-01			Prepared: 11/01/16 Analyzed: 11/02/16					
Chloride	5.61	1.01	mg/kg dry		5.39			3.86	20	

Duplicate (P6K0105-DUP2)		Source: 6J17004-14			Prepared: 11/01/16 Analyzed: 11/02/16					
Chloride	17100	54.9	mg/kg dry		17100			0.0483	20	

Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A Fed #2
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

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
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Batch P6K0105 - * DEFAULT PREP *****

Matrix Spike (P6K0105-MS1)

Source: 6K01001-01

Prepared: 11/01/16 Analyzed: 11/02/16

Chloride	843	1.01	mg/kg dry	1010	5.39	82.9	80-120			
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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:



Date:

11/2/2016

Brent Barron, Laboratory Director/Technical Director

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

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



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235
Sarna

Project Name: Triple A Fed #2

Project Manager: Coty Wolf
Company Name: Charger Services

Company Address:

City/State/Zip:

Telephone No: 325-669-5735

Sampler Signature: [Signature]

Fax No:

e-mail: Coty.Wolf@chargerservices.com

Report Format: Standard TRRP NPDES

ORDER # (lab use only) 6511004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃ 250ml Poly	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None 1L Poly	NaOH/ZnAc	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	TPH by TX 1005 (8015B) 8015M	Chloride	BTEX by 8021B	Analyza For:	
11	SB-1	50	55	10/11/16	10:40		1	X											S	X	X	X	
12		60	65		10:45																		
13		70	75		10:50																		
14		80	85		11:00																		
15		90	95		11:05																		
16		100	105		11:10																		
17		110	115		11:15																		
18		120	125		11:20																		
19		130	135		11:25																		
20		140	145		11:30																		

Special Instructions:

Relinquished by: [Signature] Date: 10/11/16 Time: 4:20 Received by: [Signature] Date: 10/14/16 Time: 16:20

Relinquished by: [Signature] Date: 10/14/16 Time: 16:20 Received by: [Signature] Date: 10/14/16 Time: 16:20

Relinquished by: [Signature] Date: 10/14/16 Time: 16:20 Received by: [Signature] Date: 10/14/16 Time: 16:20

Laboratory Comments:
Sample Containers Intact?
VOCs Free of Headspace?
Labels on containers?
Custody seals on containers?
Custody seals on cooler(s)?
Sample Hand Delivered by Sampler/Client Rep?
by Courier? UPS DHL
temperature Upon Receipt: 2.0 °C Factor 1.0

RedEx Lone Star

Rush 24 48 72 (Please call)
Standard



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
1400 Rankin Hwy
Midland, Texas 79701

Phone: 432-686-7235

Project Name: Triple A Fed #2

Project #: _____

Project Loc: _____

PO #: _____

Project Manager: Cathy Woolf

Company Name: Chugers Services

Company Address: _____

City/State/Zip: _____

Telephone No: _____

Sampler Signature: _____

Fax No: _____

e-mail: Cathy.Woolf@chugerservices.com

Report Format: Standard TRRP NPDES

ORDER # 60519004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth (ft)	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Ice	HNO ₃ 250ml Poly	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None 1L Poly	NaOH/ZnAc	DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	TPH by TX 1005 (8015B) 8015M	Chloride	BTEX by 8021B	Analyze For:
<u>W</u>	<u>SB-1</u>		<u>100</u>	<u>10/14/16</u>	<u>11:35</u>		<u>1</u>	<u>X</u>								<u>S</u>			<u>X</u>	<u>X</u>	<u>X</u>	

Rush 24 48 72 (Please call)
Standard

Special Instructions:

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

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 by Sampler/Client Rep? N
by Courier? N
Temperature Upon Receipt: 2.0 °C
Adjusted: 0.0 °C Factor

UPS N
DHL N
FedEx N
Lone Star N
WFL

