

**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
Project Number: [none]
Location: New Mexico

Lab Order Number: 6F17003



NELAP/TCEQ # T104704156-13-3

Report Date: 06/30/16

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

Project: Triple A
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1 0-1	6F17003-01	Soil	06/07/16 11:00	06-17-2016 08:15
SS-1 1-2	6F17003-02	Soil	06/07/16 11:15	06-17-2016 08:15
SS-1 2-3	6F17003-03	Soil	06/07/16 01:30	06-17-2016 08:15
SS-1 5-6	6F17003-04	Soil	06/07/16 11:45	06-17-2016 08:15
SS-2 0-1	6F17003-05	Soil	06/07/16 12:00	06-17-2016 08:15
SS-2 1-2	6F17003-06	Soil	06/07/16 12:15	06-17-2016 08:15
SS-2 2-3	6F17003-07	Soil	06/07/16 12:30	06-17-2016 08:15
SS-2 5-6	6F17003-08	Soil	06/07/16 12:45	06-17-2016 08:15
SS-3 0-1	6F17003-09	Soil	06/07/16 13:00	06-17-2016 08:15
SS-3 1-2	6F17003-10	Soil	06/07/16 13:15	06-17-2016 08:15
SS-3 2-3	6F17003-11	Soil	06/07/16 13:30	06-17-2016 08:15
SS-3 5-6	6F17003-12	Soil	06/07/16 13:45	06-17-2016 08:15
SS-3 10-11	6F17003-13	Soil	06/07/16 14:00	06-17-2016 08:15
SS-4 0-1	6F17003-14	Soil	06/07/16 14:15	06-17-2016 08:15
SS-4 1-2	6F17003-15	Soil	06/07/16 14:30	06-17-2016 08:15
SS-4 2-3	6F17003-16	Soil	06/07/16 14:45	06-17-2016 08:15
SS-4 5-6	6F17003-17	Soil	06/07/16 15:00	06-17-2016 08:15
SS-5 0-1	6F17003-18	Soil	06/07/16 15:15	06-17-2016 08:15
SS-5 1-2	6F17003-19	Soil	06/07/16 15:30	06-17-2016 08:15
SS-5 2-3	6F17003-20	Soil	06/07/16 15:45	06-17-2016 08:15
SS-5 5-6	6F17003-21	Soil	06/07/16 16:00	06-17-2016 08:15
SS-6 0-1	6F17003-22	Soil	06/07/16 16:15	06-17-2016 08:15
SS-6 1-2	6F17003-23	Soil	06/07/16 15:30	06-17-2016 08:15
SS-6 2-3	6F17003-24	Soil	06/07/16 15:45	06-17-2016 08:15
SS-6 5-6	6F17003-25	Soil	06/07/16 17:00	06-17-2016 08:15
SS-6 10-11	6F17003-26	Soil	06/07/16 17:15	06-17-2016 08:15

Charger Services
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SS-1 0-1
6F17003-01 (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	0.00130	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Toluene	ND	0.00260	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Ethylbenzene	ND	0.00130	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Xylene (p/m)	ND	0.00260	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Xylene (o)	ND	0.00130	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		130 %	75-125		P6F2101	06/19/16	06/20/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		105 %	75-125		P6F2101	06/19/16	06/20/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	5.03	1.30	mg/kg dry	1	P6F2910	06/21/16	06/21/16	EPA 300.0	
% Moisture	23.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	32.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	212	32.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	75.9	32.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		99.5 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	288	32.5	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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SS-1 1-2
6F17003-02 (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

Benzene	ND	0.00111	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Toluene	ND	0.00222	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	75-125		P6F2101	06/19/16	06/20/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		111 %	75-125		P6F2101	06/19/16	06/20/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	7.07	1.11	mg/kg dry	1	P6F2910	06/21/16	06/21/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	33.1	27.8	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	303	27.8	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	119	27.8	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		99.9 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		109 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	455	27.8	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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SS-1 2-3
6F17003-03 (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	0.00110	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Toluene	ND	0.00220	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	75-125		P6F2101	06/19/16	06/20/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		119 %	75-125		P6F2101	06/19/16	06/20/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	7.53	1.10	mg/kg dry	1	P6F2910	06/21/16	06/21/16	EPA 300.0	
% Moisture	9.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	30.8	27.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	135	27.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	56.7	27.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		104 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	223	27.5	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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SS-1 5-6
6F17003-04 (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	P6F2101	06/19/16	06/20/16	EPA 8021B	
Toluene	ND	0.00222	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P6F2101	06/19/16	06/20/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.2 %	75-125		P6F2101	06/19/16	06/20/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		108 %	75-125		P6F2101	06/19/16	06/20/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	42.2	1.11	mg/kg dry	1	P6F2910	06/21/16	06/21/16	EPA 300.0	
% Moisture	10.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	31.1	27.8	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	115	27.8	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	41.3	27.8	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	187	27.8	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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SS-2 0-1
6F17003-05 (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	0.00109	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00217	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	71.1	1.09	mg/kg dry	1	P6F2910	06/21/16	06/21/16	EPA 300.0	
% Moisture	8.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	167	136	mg/kg dry	5	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	3040	136	mg/kg dry	5	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	582	136	mg/kg dry	5	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		82.6 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		90.1 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	3790	136	mg/kg dry	5	[CALC]	06/17/16	06/18/16	calc	

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SS-2 1-2
6F17003-06 (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	0.0220	mg/kg dry	20	P6F2101	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.0440	mg/kg dry	20	P6F2101	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.0220	mg/kg dry	20	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.0440	mg/kg dry	20	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	1.65	0.0220	mg/kg dry	20	P6F2101	06/19/16	06/21/16	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.5 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		117 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	22.3	1.10	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	9.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	33.9	27.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	1230	27.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	236	27.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		118 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		126 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1500	27.5	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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SS-2 2-3
6F17003-07 (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	0.00112	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00225	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		122 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	69.2	1.12	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	38.6	28.1	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	482	28.1	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	98.4	28.1	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		117 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		125 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	620	28.1	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

Charger Services
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SS-2 5-6
6F17003-08 (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	0.00112	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00225	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		126 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		99.2 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	23.3	1.12	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	29.5	28.1	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	70.9	28.1	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		124 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		132 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	100	28.1	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

Charger Services
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Project: Triple A
Project Number: [none]
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SS-3 0-1
6F17003-09 (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	0.00130	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00260	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00130	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00260	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00130	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.7 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		124 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	7.84	1.30	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	23.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	32.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	ND	32.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	ND	32.5	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		118 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	32.5	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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Project: Triple A
Project Number: [none]
Project Manager: Coty Woolf

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SS-3 1-2
6F17003-10 (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	0.00127	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00253	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00127	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00253	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00127	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		113 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		95.0 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	40.2	1.27	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	21.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	31.6	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	ND	31.6	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	ND	31.6	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		120 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	31.6	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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SS-3 2-3
6F17003-11 (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	0.00106	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00213	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		118 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.8 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	15.1	1.06	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		116 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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Project: Triple A
Project Number: [none]
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SS-3 5-6
6F17003-12 (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	0.00112	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00225	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		101 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		112 %	75-125		P6F2101	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	209	1.12	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	28.1	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		118 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		128 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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Project: Triple A
Project Number: [none]
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SS-3 10-11
6F17003-13 (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	0.00133	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00267	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00133	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	0.0151	0.00267	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	0.00148	0.00133	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		110 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	295	1.33	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	25.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	44.9	33.3	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C12-C28	ND	33.3	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
>C28-C35	ND	33.3	mg/kg dry	1	P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		115 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		127 %	70-130		P6F2005	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	44.9	33.3	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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SS-4 0-1
6F17003-14 (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	0.00132	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	0.174	0.00263	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00132	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	1.02	0.00263	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	0.155	0.00132	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		82.4 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		99.9 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	25.4	1.32	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	24.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	385	164	mg/kg dry	5	P6F2005	06/17/16	06/19/16	TPH 8015M	
>C12-C28	2720	164	mg/kg dry	5	P6F2005	06/17/16	06/19/16	TPH 8015M	
>C28-C35	277	164	mg/kg dry	5	P6F2005	06/17/16	06/19/16	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		116 %	70-130		P6F2005	06/17/16	06/19/16	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		125 %	70-130		P6F2005	06/17/16	06/19/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	3380	164	mg/kg dry	5	[CALC]	06/17/16	06/19/16	calc	

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Project Number: [none]
Project Manager: Coty Woolf

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SS-4 1-2
6F17003-15 (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	0.0185	0.00128	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	0.223	0.00256	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	0.464	0.00128	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	0.955	0.00256	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	0.125	0.00128	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		79.1 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	32.9	1.28	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	22.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	459	160	mg/kg dry	5	P6F2005	06/17/16	06/19/16	TPH 8015M	
>C12-C28	2560	160	mg/kg dry	5	P6F2005	06/17/16	06/19/16	TPH 8015M	
>C28-C35	295	160	mg/kg dry	5	P6F2005	06/17/16	06/19/16	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		119 %	70-130		P6F2005	06/17/16	06/19/16	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		119 %	70-130		P6F2005	06/17/16	06/19/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	3320	160	mg/kg dry	5	[CALC]	06/17/16	06/19/16	calc	

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SS-4 2-3
6F17003-16 (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	0.00109	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	0.0310	0.00217	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	0.165	0.00109	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	0.167	0.00217	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	0.0331	0.00109	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		2370 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	41.3	1.09	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	8.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	2140	272	mg/kg dry	10	P6F2005	06/17/16	06/19/16	TPH 8015M	
>C12-C28	21900	272	mg/kg dry	10	P6F2005	06/17/16	06/19/16	TPH 8015M	
>C28-C35	2310	272	mg/kg dry	10	P6F2005	06/17/16	06/19/16	TPH 8015M	
Surrogate: 1-Chlorooctane		125 %	70-130		P6F2005	06/17/16	06/19/16	TPH 8015M	
Surrogate: o-Terphenyl		127 %	70-130		P6F2005	06/17/16	06/19/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	26300	272	mg/kg dry	10	[CALC]	06/17/16	06/19/16	calc	

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Project Number: [none]
Project Manager: Coty Woolf

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SS-4 5-6
6F17003-17 (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	0.0238	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.0476	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.0238	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.0476	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.0238	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		117 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	33.1	1.19	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	16.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	139	29.8	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
>C12-C28	1530	29.8	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
>C28-C35	228	29.8	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
Surrogate: 1-Chlorooctane		118 %	70-130		P6F2010	06/17/16	06/18/16	TPH 8015M	
Surrogate: o-Terphenyl		130 %	70-130		P6F2010	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1900	29.8	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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Project: Triple A
Project Number: [none]
Project Manager: Coty Woolf

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SS-5 0-1
6F17003-18 (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	0.00130	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00260	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	0.00700	0.00130	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00260	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00130	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>109 %</i>	<i>75-125</i>		<i>P6F2102</i>	<i>06/19/16</i>	<i>06/21/16</i>	<i>EPA 8021B</i>	
<i>Surrogate: 1,4-Difluorobenzene</i>		<i>110 %</i>	<i>75-125</i>		<i>P6F2102</i>	<i>06/19/16</i>	<i>06/21/16</i>	<i>EPA 8021B</i>	

General Chemistry Parameters by EPA / Standard Methods

Chloride	16.6	1.30	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	23.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	32.5	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
>C12-C28	141	32.5	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
>C28-C35	ND	32.5	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		<i>119 %</i>	<i>70-130</i>		<i>P6F2010</i>	<i>06/17/16</i>	<i>06/18/16</i>	<i>TPH 8015M</i>	
<i>Surrogate: o-Terphenyl</i>		<i>129 %</i>	<i>70-130</i>		<i>P6F2010</i>	<i>06/17/16</i>	<i>06/18/16</i>	<i>TPH 8015M</i>	
Total Petroleum Hydrocarbon C6-C35	141	32.5	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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Project Number: [none]
Project Manager: Coty Woolf

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SS-5 1-2
6F17003-19 (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	1.05	0.0260	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	2.10	0.0519	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	2.85	0.0260	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	5.33	0.0519	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	0.798	0.0260	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		72.3 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	S-GC
<i>Surrogate: 1,4-Difluorobenzene</i>		108 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	82.3	1.30	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	23.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	65.7	32.5	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
>C12-C28	381	32.5	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
>C28-C35	63.8	32.5	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		127 %	70-130		P6F2010	06/17/16	06/18/16	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		141 %	70-130		P6F2010	06/17/16	06/18/16	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	510	32.5	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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SS-5 2-3
6F17003-20 (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	0.0411	0.0270	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	0.350	0.0541	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	0.349	0.0270	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	1.23	0.0541	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	0.256	0.0270	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
<i>Surrogate: 1,4-Difluorobenzene</i>		106 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	
<i>Surrogate: 4-Bromofluorobenzene</i>		58.0 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	212	1.35	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	26.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	68.9	33.8	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
>C12-C28	810	33.8	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
>C28-C35	131	33.8	mg/kg dry	1	P6F2010	06/17/16	06/18/16	TPH 8015M	
<i>Surrogate: 1-Chlorooctane</i>		111 %	70-130		P6F2010	06/17/16	06/18/16	TPH 8015M	
<i>Surrogate: o-Terphenyl</i>		123 %	70-130		P6F2010	06/17/16	06/18/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1010	33.8	mg/kg dry	1	[CALC]	06/17/16	06/18/16	calc	

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Project Number: [none]
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SS-5 5-6
6F17003-21 (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	0.0227	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.0455	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.0227	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	0.432	0.0455	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	0.250	0.0227	mg/kg dry	20	P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		65.2 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		114 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	668	1.14	mg/kg dry	1	P6F2209	06/21/16	06/21/16	EPA 300.0	
% Moisture	12.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	229	142	mg/kg dry	5	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C12-C28	3090	142	mg/kg dry	5	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C28-C35	638	142	mg/kg dry	5	P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: 1-Chlorooctane		123 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: o-Terphenyl		144 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	3960	142	mg/kg dry	5	[CALC]	06/17/16	06/19/16	calc	

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Project: Triple A
Project Number: [none]
Project Manager: Coty Woolf

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SS-6 0-1
6F17003-22 (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	0.00105	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00211	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		133 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	S-GC

General Chemistry Parameters by EPA / Standard Methods

Chloride	7.84	1.05	mg/kg dry	1	P6F2915	06/22/16	06/22/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.3	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C12-C28	27.6	26.3	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: 1-Chlorooctane		123 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: o-Terphenyl		138 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	27.6	26.3	mg/kg dry	1	[CALC]	06/17/16	06/19/16	calc	

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Project: Triple A
Project Number: [none]
Project Manager: Coty Woolf

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SS-6 1-2
6F17003-23 (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

Benzene	ND	0.00106	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00213	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		124 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	5.71	1.06	mg/kg dry	1	P6F2915	06/22/16	06/22/16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C12-C28	31.8	26.6	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: 1-Chlorooctane		121 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: o-Terphenyl		137 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	31.8	26.6	mg/kg dry	1	[CALC]	06/17/16	06/19/16	calc	

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Project: Triple A
Project Number: [none]
Project Manager: Coty Woolf

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SS-6 2-3
6F17003-24 (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	0.00105	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00211	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		117 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	4.60	1.05	mg/kg dry	1	P6F2915	06/22/16	06/22/16	EPA 300.0	
% Moisture	5.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.3	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	06/17/16	06/19/16	calc	

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Project: Triple A
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SS-6 5-6
6F17003-25 (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	0.00118	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00235	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00118	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00235	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00118	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		121 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	17.9	1.18	mg/kg dry	1	P6F2915	06/22/16	06/22/16	EPA 300.0	
% Moisture	15.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	29.4	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C12-C28	ND	29.4	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C28-C35	ND	29.4	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: 1-Chlorooctane		115 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: o-Terphenyl		134 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	29.4	mg/kg dry	1	[CALC]	06/17/16	06/19/16	calc	

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Project: Triple A
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

SS-6 10-11
6F17003-26 (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	0.00112	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Toluene	ND	0.00225	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		105 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		115 %	75-125		P6F2102	06/19/16	06/21/16	EPA 8021B	

General Chemistry Parameters by EPA / Standard Methods

Chloride	22.2	1.12	mg/kg dry	1	P6F2915	06/22/16	06/22/16	EPA 300.0	
% Moisture	11.0	0.1	%	1	P6F2002	06/20/16	06/20/16	% calculation	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	28.1	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: 1-Chlorooctane		125 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	
Surrogate: o-Terphenyl		143 %	70-130		P6F2010	06/17/16	06/19/16	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	06/17/16	06/19/16	calc	

Charger Services
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Project: Triple A
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 P6F2101 - General Preparation (GC)

Blank (P6F2101-BLK1)

Prepared: 06/19/16 Analyzed: 06/20/16

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: 4-Bromofluorobenzene	0.0642		"	0.0600		107	75-125			
Surrogate: 1,4-Difluorobenzene	0.0626		"	0.0600		104	75-125			

LCS (P6F2101-BS1)

Prepared: 06/19/16 Analyzed: 06/20/16

Benzene	0.120	0.00100	mg/kg wet	0.100		120	70-130			
Toluene	0.101	0.00200	"	0.100		101	70-130			
Ethylbenzene	0.120	0.00100	"	0.100		120	70-130			
Xylene (p/m)	0.207	0.00200	"	0.200		104	70-130			
Xylene (o)	0.117	0.00100	"	0.100		117	70-130			
Surrogate: 4-Bromofluorobenzene	0.0689		"	0.0600		115	75-125			
Surrogate: 1,4-Difluorobenzene	0.0669		"	0.0600		112	75-125			

Matrix Spike (P6F2101-MS1)

Source: 6F17003-08

Prepared: 06/19/16 Analyzed: 06/21/16

Benzene	0.00230	0.00112	mg/kg dry	0.112	ND	2.05	80-120			QM-07
Toluene	0.00421	0.00225	"	0.112	ND	3.75	80-120			QM-07
Ethylbenzene	0.0351	0.00112	"	0.112	ND	31.2	80-120			QM-07
Xylene (p/m)	0.0456	0.00225	"	0.225	ND	20.3	80-120			QM-07
Xylene (o)	0.0241	0.00112	"	0.112	ND	21.5	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.0631		"	0.0674		93.7	75-125			
Surrogate: 1,4-Difluorobenzene	0.0723		"	0.0674		107	75-125			

Batch P6F2102 - General Preparation (GC)

Blank (P6F2102-BLK1)

Prepared: 06/19/16 Analyzed: 06/21/16

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	0.0613		"	0.0600		102	75-125			
Surrogate: 4-Bromofluorobenzene	0.0663		"	0.0600		111	75-125			

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

Project: Triple A
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 P6F2102 - General Preparation (GC)

LCS (P6F2102-BS1)

Prepared: 06/19/16 Analyzed: 06/21/16

Benzene	0.0908	0.00100	mg/kg wet	0.100		90.8	70-130			
Toluene	0.0804	0.00200	"	0.100		80.4	70-130			
Ethylbenzene	0.119	0.00100	"	0.100		119	70-130			
Xylene (p/m)	0.201	0.00200	"	0.200		100	70-130			
Xylene (o)	0.0953	0.00100	"	0.100		95.3	70-130			
Surrogate: 1,4-Difluorobenzene	0.0658		"	0.0600		110	75-125			
Surrogate: 4-Bromofluorobenzene	0.0748		"	0.0600		125	75-125			

Matrix Spike (P6F2102-MS1)

Source: 6F17003-18

Prepared: 06/19/16 Analyzed: 06/21/16

Benzene	0.0666	0.00130	mg/kg dry	0.130	ND	51.3	80-120			QM-07
Toluene	0.0181	0.00260	"	0.130	ND	14.0	80-120			QM-07
Ethylbenzene	0.0491	0.00130	"	0.130	0.00700	32.4	80-120			QM-07
Xylene (p/m)	ND	0.00260	"	0.260	ND		80-120			QM-07
Xylene (o)	0.00539	0.00130	"	0.130	ND	4.15	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.0892		"	0.0779		114	75-125			
Surrogate: 1,4-Difluorobenzene	0.0819		"	0.0779		105	75-125			

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

Project: Triple A
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 P6F2002 - * DEFAULT PREP *****

Blank (P6F2002-BLK1)		Prepared & Analyzed: 06/20/16								
% Moisture	ND	0.1	%							
Duplicate (P6F2002-DUP1)		Source: 6F17001-26		Prepared & Analyzed: 06/20/16						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P6F2002-DUP2)		Source: 6F17003-07		Prepared & Analyzed: 06/20/16						
% Moisture	10.0	0.1	%		11.0			9.52	20	
Duplicate (P6F2002-DUP3)		Source: 6F17004-08		Prepared & Analyzed: 06/20/16						
% Moisture	9.0	0.1	%		11.0			20.0	20	
Duplicate (P6F2002-DUP4)		Source: 6F17005-13		Prepared & Analyzed: 06/20/16						
% Moisture	16.0	0.1	%		17.0			6.06	20	
Duplicate (P6F2002-DUP5)		Source: 6F17005-36		Prepared & Analyzed: 06/20/16						
% Moisture	11.0	0.1	%		10.0			9.52	20	

Batch P6F2209 - * DEFAULT PREP *****

Blank (P6F2209-BLK1)		Prepared: 06/21/16 Analyzed: 06/22/16								
Chloride	ND	1.00	mg/kg wet							
LCS (P6F2209-BS1)		Prepared: 06/21/16 Analyzed: 06/22/16								
Chloride	188	1.00	mg/kg wet	200		93.8	80-120			
LCS Dup (P6F2209-BSD1)		Prepared: 06/21/16 Analyzed: 06/22/16								
Chloride	176	1.00	mg/kg wet	200		88.2	80-120	6.19	20	

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

Project: Triple A
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 P6F2209 - * DEFAULT PREP *****

Duplicate (P6F2209-DUP1)		Source: 6F17003-06			Prepared & Analyzed: 06/21/16					
Chloride	22.6	1.10	mg/kg dry		22.3			1.37	20	
Matrix Spike (P6F2209-MS1)		Source: 6F17003-06			Prepared & Analyzed: 06/21/16					
Chloride	820	1.10	mg/kg dry	1100	22.3	72.6	80-120			QM-07

Batch P6F2910 - * DEFAULT PREP *****

Blank (P6F2910-BLK1)		Prepared: 06/21/16 Analyzed: 06/29/16								
Chloride	ND	1.00	mg/kg wet							
LCS (P6F2910-BS1)		Prepared: 06/21/16 Analyzed: 06/29/16								
Chloride	176	1.00	mg/kg wet	200		88.0	80-120			
LCS Dup (P6F2910-BSD1)		Prepared: 06/21/16 Analyzed: 06/29/16								
Chloride	177	1.00	mg/kg wet	200		88.4	80-120	0.561	20	
Duplicate (P6F2910-DUP1)		Source: 6F17002-04			Prepared & Analyzed: 06/21/16					
Chloride	193	1.10	mg/kg dry		194			0.284	20	
Duplicate (P6F2910-DUP2)		Source: 6F17002-14			Prepared & Analyzed: 06/21/16					
Chloride	862	5.62	mg/kg dry		875			1.47	20	
Matrix Spike (P6F2910-MS1)		Source: 6F17002-04			Prepared & Analyzed: 06/21/16					
Chloride	366	1.10	mg/kg dry	220	194	78.2	80-120			QM-07
Batch P6F2915 - *** DEFAULT PREP ***										
LCS (P6F2915-BS1)		Prepared & Analyzed: 06/22/16								
Chloride	162	1.00	mg/kg wet	200		81.1	80-120			

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

Project: Triple A
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 P6F2915 - * DEFAULT PREP *****

LCS Dup (P6F2915-BS1)

Prepared & Analyzed: 06/22/16

Chloride	164	1.00	mg/kg wet	200	81.9	80-120	1.06	20
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Duplicate (P6F2915-DUP1)

Source: 6F17003-26

Prepared & Analyzed: 06/22/16

Chloride	22.0	1.12	mg/kg dry	22.2	0.762	20
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Duplicate (P6F2915-DUP2)

Source: 6F17004-06

Prepared & Analyzed: 06/22/16

Chloride	5410	27.5	mg/kg dry	5300	2.05	20
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Matrix Spike (P6F2915-MS1)

Source: 6F17003-22

Prepared & Analyzed: 06/22/16

Chloride	421	1.05	mg/kg dry	421	7.84	98.2	80-120
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Charger Services
P.O. Box 53070
Midland TX, 79710

Project: Triple A
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

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
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Batch P6F2005 - TX 1005

Blank (P6F2005-BLK1)

Prepared: 06/17/16 Analyzed: 06/18/16

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	95.8		"	100		95.8	70-130			
Surrogate: o-Terphenyl	47.8		"	50.0		95.7	70-130			

LCS (P6F2005-BS1)

Prepared: 06/17/16 Analyzed: 06/18/16

C6-C12	829	25.0	mg/kg wet	1000		82.9	75-125			
>C12-C28	1070	25.0	"	1000		107	75-125			
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	40.4		"	50.0		80.8	70-130			

LCS Dup (P6F2005-BS1)

Prepared: 06/17/16 Analyzed: 06/18/16

C6-C12	825	25.0	mg/kg wet	1000		82.5	75-125	0.486	20	
>C12-C28	1070	25.0	"	1000		107	75-125	0.0652	20	
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	41.5		"	50.0		83.0	70-130			

Duplicate (P6F2005-DUP1)

Source: 6F17003-16

Prepared: 06/17/16 Analyzed: 06/19/16

C6-C12	2190	272	mg/kg dry		2140			2.33	20	
>C12-C28	22600	272	"		21900			3.24	20	
Surrogate: 1-Chlorooctane	137		"	109		126	70-130			
Surrogate: o-Terphenyl	69.5		"	54.3		128	70-130			

Batch P6F2010 - TX 1005

Blank (P6F2010-BLK1)

Prepared: 06/17/16 Analyzed: 06/18/16

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	103		"	100		103	70-130			
Surrogate: o-Terphenyl	54.4		"	50.0		109	70-130			

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

Project: Triple A
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

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
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Batch P6F2010 - TX 1005

LCS (P6F2010-BS1)

Prepared: 06/17/16 Analyzed: 06/18/16

C6-C12	952	25.0	mg/kg wet	1000		95.2	75-125			
>C12-C28	1140	25.0	"	1000		114	75-125			
Surrogate: 1-Chlorooctane	127		"	100		127	70-130			
Surrogate: o-Terphenyl	56.0		"	50.0		112	70-130			

LCS Dup (P6F2010-BSD1)

Prepared: 06/17/16 Analyzed: 06/18/16

C6-C12	999	25.0	mg/kg wet	1000		99.9	75-125	4.82	20	
>C12-C28	1190	25.0	"	1000		119	75-125	4.28	20	
Surrogate: 1-Chlorooctane	134		"	100		134	70-130			S-GC
Surrogate: o-Terphenyl	58.0		"	50.0		116	70-130			

Duplicate (P6F2010-DUP1)

Source: 6F17002-10

Prepared: 06/17/16 Analyzed: 06/19/16

C6-C12	639	129	mg/kg dry		636			0.453	20	
>C12-C28	15700	129	"		15400			1.95	20	
Surrogate: 1-Chlorooctane	129		"	103		125	70-130			
Surrogate: o-Terphenyl	71.1		"	51.5		138	70-130			S-GC

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

Project: Triple A
Project Number: [none]
Project Manager: Coty Woolf

Fax: (432) 695-6247

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:

6/30/2016

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

Project Manager:

City Labell

Project Name:

Triple A

Company Name

Charger Services

Project #:

Company Address:

Project Loc:

City/State/Zip:

PO #:

Telephone No:

Fax No:

Report Format:

☒ Standard

☐ TRRP

☐ NPDES

Sampler Signature:

e-mail:

(lab use only)

ORDER #:

6F17003

LAB # (lab use only)

FIELD CODE

Beginning Depth

Ending Depth

Date Sampled

Time Sampled

Field Filtered

Total #. of Containers

Ice

HNO₃ 250,ml Poly

HCl

H₂SO₄

NaOH

Na₂S₂O₃

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

Preservation & # of Containers

Matrix

Analyze For:

Rush 24 48 72 (Please call)

Standard

Special Instructions:

Relinquished by:

Date

Time

Date

Time

Relinquished by:

Date

Time

Date

Time

Relinquished by:

Date

Time

Date

Time

Laboratory Comments:

Sample Containers Intact?
VOCS Free of HeadSpace?
Labels on container(s)
Custody seals on container(s)
Custody seals on cooler(s)
Sample Hand Delivered
by Sampler/Client Rep.?
Temperature Upon Receipt:
Received: *21.0* °C Factor *NCE L1*

UPS DHL FedEx Lone Star

Temperature Upon Receipt: *21.0* °C Factor *NCE L1*

Adjusted:

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Manager:

Company Name

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

City Hall

Charger Services

Project Name:

Project #:

Project Loc:

PO #:

Triple A

Report Format: X 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

Ice

HNO₃ 250, ml Poly

HCl

H₂SO₄

NaOH

Na₂S₂O₃

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

Preservation & # of Containers

Matrix

Analyze For:

Rush 24 48 72 (Please call)

Standard

Special Instructions:

Relinquished by:

Date

Time

Relinquished by:

Date

Time

Relinquished by:

Date

Time

Date

Time

Date

Time

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)

Custody seals on container(s)

Sample Hand Delivered

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:

Adjusted: 2.0 °C Factor

(Signature)

(Signature)

(Signature)

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

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

Phone: 432-686-7235

Project Name:

Project #:

Project Loc:

PO #:

Triple A

Project Manager:

Company Name

Company Address:

City/State/Zip:

Telephone No:

Sampler Signature:

Fax No:

e-mail:

Report Format: X 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

Ice

HNO₃ 250,ml Poly

HCl

H₂SO₄

NaOH

Na₂S₂O₃

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

Preservation & # of Containers

Matrix

Analyze For:

Rush 24 48 72. (Please call)

Standard

Special Instructions:

Relinquished by:

Date

Time

Date

Time

Relinquished by:

Date

Time

Date

Time

Relinquished by:

Date

Time

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Labels on container(s)?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered by Sampler/Client Rep?

Temperature Upon Receipt: °C

Adjusted: NCT

Factor 2.1 NCT

N

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