Date Reported:

CLIENT: WPX Energy Client Sample ID: FP1

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-001
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	ND	60	mg/Kg	20	6/30/2019 6:12:24 PM	45920
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	TOM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	6/29/2019 2:58:52 AM	45871
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	6/29/2019 2:58:52 AM	45871
Surr: DNOP	88.3	70-130	%Rec	1	6/29/2019 2:58:52 AM	45871
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/27/2019 11:43:27 PM	45844
Surr: BFB	106	73.8-119	%Rec	1	6/27/2019 11:43:27 PM	45844
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	6/27/2019 11:43:27 PM	45844
Toluene	ND	0.050	mg/Kg	1	6/27/2019 11:43:27 PM	45844
Ethylbenzene	ND	0.050	mg/Kg	1	6/27/2019 11:43:27 PM	45844
Xylenes, Total	ND	0.099	mg/Kg	1	6/27/2019 11:43:27 PM	45844
Surr: 4-Bromofluorobenzene	98.6	80-120	%Rec	1	6/27/2019 11:43:27 PM	45844

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

6/28/2019 12:06:08 AM 45844

Hall Environmental Analysis Laboratory, Inc.

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP2

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-002
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses Result **RL Oual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: smb Chloride ND 60 mg/Kg 20 6/30/2019 7:14:26 PM 45920 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM Diesel Range Organics (DRO) ND 9.6 mg/Kg 6/29/2019 4:12:05 AM 45871 Motor Oil Range Organics (MRO) ND 48 mg/Kg 1 6/29/2019 4:12:05 AM 45871 Surr: DNOP 89.7 %Rec 6/29/2019 4:12:05 AM 70-130 45871 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB ND 6/28/2019 12:06:08 AM 45844 Gasoline Range Organics (GRO) 5.0 mg/Kg 1 Surr: BFB 103 73.8-119 %Rec 6/28/2019 12:06:08 AM 45844 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND Benzene 0.025 6/28/2019 12:06:08 AM 45844 mg/Kg Toluene ND 0.050 mg/Kg 6/28/2019 12:06:08 AM 45844 Ethylbenzene ND 0.050 mg/Kg 1 6/28/2019 12:06:08 AM 45844 Xylenes, Total ND 0.10 mg/Kg 6/28/2019 12:06:08 AM 45844

95.8

80-120

%Rec

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

Surr: 4-Bromofluorobenzene

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP3

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-003
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	ND	60	mg/Kg	20	6/30/2019 7:26:51 PM	45920
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: TOM
Diesel Range Organics (DRO)	10	9.8	mg/Kg	1	6/29/2019 4:36:29 AM	45871
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/29/2019 4:36:29 AM	45871
Surr: DNOP	85.3	70-130	%Rec	1	6/29/2019 4:36:29 AM	45871
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/28/2019 12:28:55 AM	45844
Surr: BFB	104	73.8-119	%Rec	1	6/28/2019 12:28:55 AM	45844
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/28/2019 12:28:55 AM	45844
Toluene	ND	0.050	mg/Kg	1	6/28/2019 12:28:55 AM	45844
Ethylbenzene	ND	0.050	mg/Kg	1	6/28/2019 12:28:55 AM	45844
Xylenes, Total	ND	0.099	mg/Kg	1	6/28/2019 12:28:55 AM	45844
Surr: 4-Bromofluorobenzene	94.6	80-120	%Rec	1	6/28/2019 12:28:55 AM	45844

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP4

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-004
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: smb
Chloride	ND	60	mg/Kg	20	6/30/2019 7:39:15 PM	45920
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	TOM
Diesel Range Organics (DRO)	21	10	mg/Kg	1	6/29/2019 5:00:57 AM	45871
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/29/2019 5:00:57 AM	45871
Surr: DNOP	79.6	70-130	%Rec	1	6/29/2019 5:00:57 AM	45871
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/28/2019 12:51:46 AM	45844
Surr: BFB	103	73.8-119	%Rec	1	6/28/2019 12:51:46 AM	45844
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/28/2019 12:51:46 AM	45844
Toluene	ND	0.050	mg/Kg	1	6/28/2019 12:51:46 AM	45844
Ethylbenzene	ND	0.050	mg/Kg	1	6/28/2019 12:51:46 AM	45844
Xylenes, Total	ND	0.10	mg/Kg	1	6/28/2019 12:51:46 AM	45844
Surr: 4-Bromofluorobenzene	95.8	80-120	%Rec	1	6/28/2019 12:51:46 AM	45844

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP5

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-005
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	ND	60	mg/Kg	20	6/30/2019 7:51:40 PM	45920
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	TOM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	6/29/2019 5:25:23 AM	45871
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/29/2019 5:25:23 AM	45871
Surr: DNOP	91.8	70-130	%Rec	1	6/29/2019 5:25:23 AM	45871
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/28/2019 1:37:31 AM	45844
Surr: BFB	102	73.8-119	%Rec	1	6/28/2019 1:37:31 AM	45844
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/28/2019 1:37:31 AM	45844
Toluene	ND	0.050	mg/Kg	1	6/28/2019 1:37:31 AM	45844
Ethylbenzene	ND	0.050	mg/Kg	1	6/28/2019 1:37:31 AM	45844
Xylenes, Total	ND	0.10	mg/Kg	1	6/28/2019 1:37:31 AM	45844
Surr: 4-Bromofluorobenzene	94.0	80-120	%Rec	1	6/28/2019 1:37:31 AM	45844

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP6

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-006
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	ND	60	mg/Kg	20	6/30/2019 8:04:04 PM	45920
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	: TOM
Diesel Range Organics (DRO)	24	9.6	mg/Kg	1	6/29/2019 5:49:49 AM	45871
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/29/2019 5:49:49 AM	45871
Surr: DNOP	82.4	70-130	%Rec	1	6/29/2019 5:49:49 AM	45871
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/28/2019 2:00:13 AM	45844
Surr: BFB	110	73.8-119	%Rec	1	6/28/2019 2:00:13 AM	45844
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/28/2019 2:00:13 AM	45844
Toluene	ND	0.050	mg/Kg	1	6/28/2019 2:00:13 AM	45844
Ethylbenzene	ND	0.050	mg/Kg	1	6/28/2019 2:00:13 AM	45844
Xylenes, Total	ND	0.10	mg/Kg	1	6/28/2019 2:00:13 AM	45844
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	6/28/2019 2:00:13 AM	45844

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

ple pH Not In Range
Page 6 of 0

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP7

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-007
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	ND	60	mg/Kg	20	6/30/2019 8:16:29 PM	45920
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	TOM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/29/2019 6:14:16 AM	45871
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/29/2019 6:14:16 AM	45871
Surr: DNOP	74.0	70-130	%Rec	1	6/29/2019 6:14:16 AM	45871
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/28/2019 2:22:59 AM	45844
Surr: BFB	106	73.8-119	%Rec	1	6/28/2019 2:22:59 AM	45844
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	6/28/2019 2:22:59 AM	45844
Toluene	ND	0.050	mg/Kg	1	6/28/2019 2:22:59 AM	45844
Ethylbenzene	ND	0.050	mg/Kg	1	6/28/2019 2:22:59 AM	45844
Xylenes, Total	ND	0.099	mg/Kg	1	6/28/2019 2:22:59 AM	45844
Surr: 4-Bromofluorobenzene	98.2	80-120	%Rec	1	6/28/2019 2:22:59 AM	45844

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP8

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-008
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	ND	60	mg/Kg	20	6/30/2019 8:28:54 PM	45920
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	: TOM
Diesel Range Organics (DRO)	24	9.3	mg/Kg	1	6/29/2019 6:38:42 AM	45871
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/29/2019 6:38:42 AM	45871
Surr: DNOP	99.1	70-130	%Rec	1	6/29/2019 6:38:42 AM	45871
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/28/2019 2:45:42 AM	45844
Surr: BFB	107	73.8-119	%Rec	1	6/28/2019 2:45:42 AM	45844
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/28/2019 2:45:42 AM	45844
Toluene	ND	0.050	mg/Kg	1	6/28/2019 2:45:42 AM	45844
Ethylbenzene	ND	0.050	mg/Kg	1	6/28/2019 2:45:42 AM	45844
Xylenes, Total	ND	0.099	mg/Kg	1	6/28/2019 2:45:42 AM	45844
Surr: 4-Bromofluorobenzene	99.2	80-120	%Rec	1	6/28/2019 2:45:42 AM	45844

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP9

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-009
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses Result **RL Oual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: smb Chloride ND 60 mg/Kg 20 6/30/2019 8:41:19 PM 45920 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM Diesel Range Organics (DRO) 28 9.8 mg/Kg 6/29/2019 7:02:49 AM 45871 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 6/29/2019 7:02:49 AM 45871 Surr: DNOP 95.7 %Rec 6/29/2019 7:02:49 AM 70-130 45871 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB ND Gasoline Range Organics (GRO) 5.0 6/28/2019 3:08:28 AM 45844 mg/Kg 1 Surr: BFB 105 73.8-119 %Rec 6/28/2019 3:08:28 AM 45844 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND Benzene 0.025 6/28/2019 3:08:28 AM 45844 mg/Kg Toluene ND 0.050 mg/Kg 6/28/2019 3:08:28 AM 45844 Ethylbenzene ND 0.050 mg/Kg 1 6/28/2019 3:08:28 AM 45844 Xylenes, Total ND 0.10 mg/Kg 6/28/2019 3:08:28 AM 45844 Surr: 4-Bromofluorobenzene 45844 97.8 80-120 %Rec 6/28/2019 3:08:28 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

orting Limit Page 9 of 0

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP10

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-010
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses Result **RL Oual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: smb Chloride ND 60 mg/Kg 20 6/30/2019 9:18:32 PM 45920 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM Diesel Range Organics (DRO) ND 9.4 mg/Kg 6/29/2019 7:27:00 AM 45871 Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 6/29/2019 7:27:00 AM 45871 Surr: DNOP 91.0 %Rec 6/29/2019 7:27:00 AM 70-130 45871 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB ND Gasoline Range Organics (GRO) 5.0 6/28/2019 3:31:27 AM 45844 mg/Kg 1 Surr: BFB 106 73.8-119 %Rec 6/28/2019 3:31:27 AM 45844 **EPA METHOD 8021B: VOLATILES** Analyst: NSB Benzene ND 0.025 6/28/2019 3:31:27 AM 45844 mg/Kg Toluene ND 0.050 mg/Kg 6/28/2019 3:31:27 AM 45844 Ethylbenzene ND 0.050 mg/Kg 1 6/28/2019 3:31:27 AM 45844 Xylenes, Total ND 0.099 mg/Kg 6/28/2019 3:31:27 AM 45844 Surr: 4-Bromofluorobenzene 45844 99.4 80-120 %Rec 6/28/2019 3:31:27 AM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 10 of 0

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP11

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-011
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses Result **RL Oual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: smb Chloride ND 60 mg/Kg 20 6/30/2019 9:30:57 PM 45920 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM Diesel Range Organics (DRO) ND 9.3 mg/Kg 6/29/2019 7:51:08 AM 45871 Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 6/29/2019 7:51:08 AM 45871 Surr: DNOP 92.4 %Rec 70-130 6/29/2019 7:51:08 AM 45871 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB ND Gasoline Range Organics (GRO) 5.0 6/28/2019 3:54:31 AM 45844 mg/Kg 1 Surr: BFB 104 73.8-119 %Rec 6/28/2019 3:54:31 AM 45844 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND Benzene 0.025 6/28/2019 3:54:31 AM 45844 mg/Kg Toluene ND 0.050 mg/Kg 6/28/2019 3:54:31 AM 45844 Ethylbenzene ND 0.050 mg/Kg 1 6/28/2019 3:54:31 AM 45844 Xylenes, Total ND 0.10 mg/Kg 6/28/2019 3:54:31 AM 45844 Surr: 4-Bromofluorobenzene 96.5 80-120 %Rec 6/28/2019 3:54:31 AM 45844

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 11 of 0

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP12

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:00:00 AM

 Lab ID:
 1906E39-012
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: smb
Chloride	ND	60	mg/Kg	20	6/30/2019 9:43:21 PM	45920
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	TOM
Diesel Range Organics (DRO)	9.6	9.4	mg/Kg	1	6/29/2019 8:15:13 AM	45871
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/29/2019 8:15:13 AM	45871
Surr: DNOP	96.0	70-130	%Rec	1	6/29/2019 8:15:13 AM	45871
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/28/2019 4:17:31 AM	45844
Surr: BFB	104	73.8-119	%Rec	1	6/28/2019 4:17:31 AM	45844
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/28/2019 4:17:31 AM	45844
Toluene	ND	0.050	mg/Kg	1	6/28/2019 4:17:31 AM	45844
Ethylbenzene	ND	0.050	mg/Kg	1	6/28/2019 4:17:31 AM	45844
Xylenes, Total	ND	0.10	mg/Kg	1	6/28/2019 4:17:31 AM	45844
Surr: 4-Bromofluorobenzene	96.8	80-120	%Rec	1	6/28/2019 4:17:31 AM	45844

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 12 of 0

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP13

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:30:00 AM

 Lab ID:
 1906E39-013
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	ND	60	mg/Kg	20	6/30/2019 9:55:45 PM	45920
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	TOM
Diesel Range Organics (DRO)	12	9.6	mg/Kg	1	6/29/2019 8:39:17 AM	45871
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	6/29/2019 8:39:17 AM	45871
Surr: DNOP	82.5	70-130	%Rec	1	6/29/2019 8:39:17 AM	45871
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/28/2019 4:40:27 AM	45844
Surr: BFB	105	73.8-119	%Rec	1	6/28/2019 4:40:27 AM	45844
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	6/28/2019 4:40:27 AM	45844
Toluene	ND	0.049	mg/Kg	1	6/28/2019 4:40:27 AM	45844
Ethylbenzene	ND	0.049	mg/Kg	1	6/28/2019 4:40:27 AM	45844
Xylenes, Total	ND	0.099	mg/Kg	1	6/28/2019 4:40:27 AM	45844
Surr: 4-Bromofluorobenzene	96.6	80-120	%Rec	1	6/28/2019 4:40:27 AM	45844

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 13 of 0

Date Reported:

Received Date: 6/26/2019 8:45:00 AM

CLIENT: WPX Energy Client Sample ID: FP14

Project: Longview Federal 12 2H Collection Date: 6/25/2019 11:30:00 AM

Matrix: SOIL

Analyses Result **RL Oual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: smb Chloride ND 59 mg/Kg 20 6/30/2019 10:08:10 PM 45920 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM Diesel Range Organics (DRO) ND 9.9 mg/Kg 6/29/2019 9:03:24 AM 45871 Motor Oil Range Organics (MRO) ND 49 mg/Kg 1 6/29/2019 9:03:24 AM 45871 Surr: DNOP 81.1 %Rec 6/29/2019 9:03:24 AM 70-130 45871 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB ND Gasoline Range Organics (GRO) 5.0 6/28/2019 5:03:16 AM 45844 mg/Kg 1 Surr: BFB 107 73.8-119 %Rec 6/28/2019 5:03:16 AM 45844 **EPA METHOD 8021B: VOLATILES** Analyst: NSB ND Benzene 0.025 6/28/2019 5:03:16 AM 45844 mg/Kg Toluene ND 0.050 mg/Kg 6/28/2019 5:03:16 AM 45844 Ethylbenzene ND 0.050 mg/Kg 1 6/28/2019 5:03:16 AM 45844 Xylenes, Total ND 0.10 mg/Kg 6/28/2019 5:03:16 AM 45844 6/28/2019 5:03:16 AM Surr: 4-Bromofluorobenzene 45844 99.0 80-120 %Rec

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Lab ID:

1906E39-014

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 14 of 0

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP15

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:30:00 AM

 Lab ID:
 1906E39-015
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses Result **RL Oual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: smb Chloride 61 60 mg/Kg 20 6/30/2019 10:20:35 PM 45920 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM Diesel Range Organics (DRO) ND 9.5 mg/Kg 6/29/2019 9:27:29 AM 45871 Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 6/29/2019 9:27:29 AM 45871 Surr: DNOP 90.8 %Rec 6/29/2019 9:27:29 AM 45871 70-130 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA 6/28/2019 6:26:37 PM Gasoline Range Organics (GRO) ND 45847 4.9 mg/Kg 1 Surr: BFB 91.4 73.8-119 %Rec 6/28/2019 6:26:37 PM 45847 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND Benzene 0.025 6/28/2019 6:26:37 PM 45847 mg/Kg Toluene ND 0.049 mg/Kg 6/28/2019 6:26:37 PM 45847 Ethylbenzene ND 0.049 mg/Kg 1 6/28/2019 6:26:37 PM 45847 Xylenes, Total ND 0.099 mg/Kg 6/28/2019 6:26:37 PM 45847 Surr: 4-Bromofluorobenzene 97.2 45847 80-120 %Rec 6/28/2019 6:26:37 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 15 of 0

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP16

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:30:00 AM

 Lab ID:
 1906E39-016
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses Result **RL Oual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: smb Chloride ND 60 mg/Kg 20 6/30/2019 10:33:00 PM 45920 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM Diesel Range Organics (DRO) 29 9.2 mg/Kg 6/29/2019 9:51:34 AM 45871 Motor Oil Range Organics (MRO) ND 46 mg/Kg 1 6/29/2019 9:51:34 AM 45871 Surr: DNOP 83.6 %Rec 6/29/2019 9:51:34 AM 45871 70-130 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA ND 6/28/2019 7:37:47 PM Gasoline Range Organics (GRO) 5.0 45847 mg/Kg 1 Surr: BFB 87.5 73.8-119 %Rec 6/28/2019 7:37:47 PM 45847 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND Benzene 0.025 6/28/2019 7:37:47 PM 45847 mg/Kg Toluene ND 0.050 mg/Kg 6/28/2019 7:37:47 PM 45847 Ethylbenzene ND 0.050 mg/Kg 1 6/28/2019 7:37:47 PM 45847 Xylenes, Total ND 0.10 mg/Kg 6/28/2019 7:37:47 PM 45847

93.4

80-120

%Rec

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 16 of 0

45847

6/28/2019 7:37:47 PM

Date Reported:

CLIENT: WPX Energy Client Sample ID: FP17

Project: Longview Federal 12 2H Collection Date: 6/25/2019 11:30:00 AM Lab ID: 1906E39-017 Matrix: SOIL Received Date: 6/26/2019 8:45:00 AM

Analyses Result **RL Oual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: smb Chloride ND 60 mg/Kg 20 6/30/2019 10:45:24 PM 45920 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM Diesel Range Organics (DRO) 15 9.4 mg/Kg 6/29/2019 10:17:00 AM 45871 Motor Oil Range Organics (MRO) ND 6/29/2019 10:17:00 AM 45871 47 mg/Kg 1 Surr: DNOP 91.9 %Rec 6/29/2019 10:17:00 AM 45871 70-130 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA 6/28/2019 8:48:14 PM Gasoline Range Organics (GRO) ND 45847 4.9 mg/Kg 1 Surr: BFB 88.3 73.8-119 %Rec 6/28/2019 8:48:14 PM 45847 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND Benzene 0.025 6/28/2019 8:48:14 PM 45847 mg/Kg Toluene ND 0.049 mg/Kg 6/28/2019 8:48:14 PM 45847 Ethylbenzene ND 0.049 mg/Kg 1 6/28/2019 8:48:14 PM 45847 Xylenes, Total ND 0.099 mg/Kg 6/28/2019 8:48:14 PM 45847 Surr: 4-Bromofluorobenzene 6/28/2019 8:48:14 PM 45847 95.0 80-120 %Rec

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix

- Analyte detected in the associated Method Blank
- Е Value above quantitation range
- Analyte detected below quantitation limits
- Sample pH Not In Range
- Reporting Limit

Page 17 of 0

Date Reported:

CLIENT: WPX Energy Client Sample ID: SW1

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:30:00 AM

 Lab ID:
 1906E39-018
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	ND	60	mg/Kg	20	6/30/2019 10:57:49 PM	45920
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	: TOM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/29/2019 10:41:05 AM	45871
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/29/2019 10:41:05 AM	45871
Surr: DNOP	85.9	70-130	%Rec	1	6/29/2019 10:41:05 AM	45871
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/28/2019 9:11:36 PM	45847
Surr: BFB	85.0	73.8-119	%Rec	1	6/28/2019 9:11:36 PM	45847
EPA METHOD 8021B: VOLATILES					Analyst	: RAA
Benzene	ND	0.025	mg/Kg	1	6/28/2019 9:11:36 PM	45847
Toluene	ND	0.049	mg/Kg	1	6/28/2019 9:11:36 PM	45847
Ethylbenzene	ND	0.049	mg/Kg	1	6/28/2019 9:11:36 PM	45847
Xylenes, Total	ND	0.099	mg/Kg	1	6/28/2019 9:11:36 PM	45847
Surr: 4-Bromofluorobenzene	92.2	80-120	%Rec	1	6/28/2019 9:11:36 PM	45847

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Date Reported:

CLIENT: WPX Energy Client Sample ID: SW2

Project: Longview Federal 12 2H Collection Date: 6/25/2019 11:30:00 AM

Lab ID: 1906E39-019 **Matrix:** SOIL **Received Date:** 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	smb
Chloride	ND	60	mg/Kg	20	6/30/2019 11:10:13 PM	45920
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	том
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	6/29/2019 11:05:18 AM	45871
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/29/2019 11:05:18 AM	45871
Surr: DNOP	78.4	70-130	%Rec	1	6/29/2019 11:05:18 AM	45871
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/28/2019 9:35:02 PM	45847
Surr: BFB	85.5	73.8-119	%Rec	1	6/28/2019 9:35:02 PM	45847
EPA METHOD 8021B: VOLATILES					Analyst	RAA
Benzene	ND	0.025	mg/Kg	1	6/28/2019 9:35:02 PM	45847
Toluene	ND	0.049	mg/Kg	1	6/28/2019 9:35:02 PM	45847
Ethylbenzene	ND	0.049	mg/Kg	1	6/28/2019 9:35:02 PM	45847
Xylenes, Total	ND	0.099	mg/Kg	1	6/28/2019 9:35:02 PM	45847
Surr: 4-Bromofluorobenzene	93.1	80-120	%Rec	1	6/28/2019 9:35:02 PM	45847

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 19 of 0

Date Reported:

CLIENT: WPX Energy Client Sample ID: SW3

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:30:00 AM

 Lab ID:
 1906E39-020
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses Result **RL Oual Units DF** Date Analyzed **Batch EPA METHOD 300.0: ANIONS** Analyst: smb Chloride ND 60 mg/Kg 20 6/30/2019 11:47:28 PM 45920 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: TOM Diesel Range Organics (DRO) ND 10 mg/Kg 6/29/2019 11:29:41 AM 45871 Motor Oil Range Organics (MRO) ND 6/29/2019 11:29:41 AM 45871 50 mg/Kg 1 Surr: DNOP 79.8 %Rec 6/29/2019 11:29:41 AM 45871 70-130 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: RAA 6/28/2019 9:58:33 PM Gasoline Range Organics (GRO) ND 5.0 45847 mg/Kg 1 Surr: BFB 85.2 73.8-119 %Rec 6/28/2019 9:58:33 PM 45847 **EPA METHOD 8021B: VOLATILES** Analyst: RAA ND Benzene 0.025 6/28/2019 9:58:33 PM 45847 mg/Kg Toluene ND 0.050 mg/Kg 6/28/2019 9:58:33 PM 45847

ND

ND

91.1

0.050

0.10

80-120

mg/Kg

mg/Kg

%Rec

1

6/28/2019 9:58:33 PM

6/28/2019 9:58:33 PM

6/28/2019 9:58:33 PM

45847

45847

45847

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 20 of 0

Date Reported:

CLIENT: WPX Energy Client Sample ID: SW4

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:30:00 AM

 Lab ID:
 1906E39-021
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	6/29/2019 9:12:51 PM	45906
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/29/2019 9:12:51 PM	45906
Surr: DNOP	37.0	70-130	S	%Rec	1	6/29/2019 9:12:51 PM	45906
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	6/28/2019 10:22:20 PM	45847
Surr: BFB	91.1	73.8-119		%Rec	1	6/28/2019 10:22:20 PM	45847
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	ND	0.024		mg/Kg	1	6/28/2019 10:22:20 PM	45847
Toluene	ND	0.049		mg/Kg	1	6/28/2019 10:22:20 PM	45847
Ethylbenzene	ND	0.049		mg/Kg	1	6/28/2019 10:22:20 PM	45847
Xylenes, Total	ND	0.097		mg/Kg	1	6/28/2019 10:22:20 PM	45847
Surr: 4-Bromofluorobenzene	97.5	80-120		%Rec	1	6/28/2019 10:22:20 PM	45847

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 21 of 0

Date Reported:

CLIENT: WPX Energy Client Sample ID: SW5

 Project:
 Longview Federal 12 2H
 Collection Date: 6/25/2019 11:30:00 AM

 Lab ID:
 1906E39-022
 Matrix: SOIL
 Received Date: 6/26/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst	JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	6/29/2019 10:26:46 PM	45906
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	6/29/2019 10:26:46 PM	45906
Surr: DNOP	52.7	70-130	S	%Rec	1	6/29/2019 10:26:46 PM	45906
EPA METHOD 8015D: GASOLINE RANGE						Analyst	RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	6/28/2019 11:33:44 PM	45847
Surr: BFB	84.7	73.8-119		%Rec	1	6/28/2019 11:33:44 PM	45847
EPA METHOD 8021B: VOLATILES						Analyst	RAA
Benzene	ND	0.025		mg/Kg	1	6/28/2019 11:33:44 PM	45847
Toluene	ND	0.050		mg/Kg	1	6/28/2019 11:33:44 PM	45847
Ethylbenzene	ND	0.050		mg/Kg	1	6/28/2019 11:33:44 PM	45847
Xylenes, Total	ND	0.10		mg/Kg	1	6/28/2019 11:33:44 PM	45847
Surr: 4-Bromofluorobenzene	90.9	80-120		%Rec	1	6/28/2019 11:33:44 PM	45847

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 22 of 0