State of New Mexico Energy Minerals and Natural Resources ONS. DIV DIST. 3

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 NOV 1 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

			Rele	ease Notific	ation	and Co	orrective A	ction	1			
						OPERA	ГOR		🗌 Initia	al Report	\boxtimes	Final Report
Name of Company WPX Energy Production				(Contact Deborah Watson							
Address PO Box 640 Facility Name W Lybrook Unit #747H				1	Facility Typ	e Well Site	80					
Confront Oren		level		Minarel O		A /E a dama l			ADINA	20 045 26	5742	
Surface Own	ner IA/Feo	ierai		Mineral O	wher I	A/Federal			API NO	. 30-045-35)742	
Lin to Latter	Castian	Tourstin	Denes	LOCA	TION	N OF REI	LEASE	East/	Vect Line	Country		
P 12 23N 9W 869 South				South	South Line	385	East	vest Line	San Juan			
Latitude 36.23752 Longitude - 107.73284												
				NAT	URE	OF RELI	EASE					
Type of Relea	ise Crude o	il				Volume of	Release 5 gallon	IS	Volume R	Recovered 0	gallons	3
Source of Rel	ease: Flare	e stack				Date and H June 28, 20	our of Occurrenc	e	Date and June 28, 2	Hour of Disc 2016	overy	
						2:30 am			9:00 am			
Was Immedia	te Notice (Given?	Ves [No. 🗖 Not Rec	mired	If YES, To Corv Smit	Whom?		0	IL CONS.	DIV	DIST. 3
(within 24 no	uis)				lanca	Katrina Die	emer, BLM-FFO					
By Whom? 1	Deborah W	atson				Date and H	our June 28, 2010	6 @ 12:	45 pm	NOV 1	1 8 20	116
Was a Waterc	ourse Read	ched?	Yes 🛛	No		If YES, Vo N/A	lume Impacting t	the Wate	ercourse.			
If a Watercou N/A	rse was Im	pacted, Descri	be Fully.*						OIL	CONS. DIV	I DIS	T. 3
Describe Caus Foam in the	se of Proble flowback	em and Remed system cause	dial Action ed the tra	n Taken.* nsport/carryover	of a lig	ght oil mist	from the flare s	tack.		NOV 18	2010	
Describe Area	Affected a	and Cleanup A	Action Tak	en.*								
 A li Cre Two sam Bas WP WP 	ight, fine i w washed o confirm pple collect sed on san PX rake the PX receive	mist of oil in l vegetation of ation sample ction. (Result uple results, f e impacted a d approval to	pacted v on 6/28, 6 s (SC-1 a s are atta further co rea. WP o close th	egetation within 5/29, and 6/30. Ind SC-2) were c ched) onsultation was n X raked the impa e release from C	an area ollecte nade w acted ar ory Sm	a measuring d on Septen ith BLM-FF rea on Octob hith on Octo	approximately aber 23, 2016. O and NMOCI per 26, 2016. ber 31, 2016.	30 ft to Cory S D. Katl	9 54 ft wid mith, NM(nerina Die	e x 270 ft lo OCD, was p mer, BLM-	ong. oresent FFO, r	during requested
I hereby certific regulations all public health of should their of or the environ federal, state,	fy that the i l operators or the envir perations h ment. In a or local law	nformation gi are required to conment. The ave failed to a ddition, NMO ws and/or regu	ven above o report ar acceptance dequately CD accep lations.	is true and comple d/or file certain re e of a C-141 repor investigate and re tance of a C-141 re	ete to th lease no t by the mediate eport do	e best of my otifications ar NMOCD ma contaminations bes not relieve	knowledge and u ad perform correc arked as "Final Ro on that pose a thro e the operator of r	nderstar tive active eport" d eat to gr responsi	nd that purs ions for rele oes not reli round water bility for co	uant to NMC eases which r eve the opera s, surface wat ompliance wi	CD rul nay enc ator of l ter, hun ith any	les and danger liability nan health other
Signature: Debrah Wath_				OIL CONSERVATION DIVISION								
Printed Name	: Deborah	Watson			A	Approved by	Environmental Sp	pecialist	: Cr	The second	L	~
Title: Environ	mental Spe	ecialist			F	Approval Dat	e: 1/23/1	7	Expiration	Date.		
E-mail Addre	ss: Deboral	n.watson@wp	xenergy.c	om	(Conditions of Approval: Attached						
Date: 11/17/1	6	Pho	one: 505-3	33-1880			_					
Attach Addit	ional Shee	ets If Necessa	ary	HNCS16	18	1501	81					\overline{a}

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: <u>www.hallenvironmental.com</u>

September 30, 2016

Debbie Watson WPX Energy 721 S Main Ave Aztec, NM 87410 TEL: (505) 333-1880 FAX

RE: WLU 747H oil mist

OrderNo.: 1609D97

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 9/24/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to <u>www.hallenvironmental.com</u> or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

andig

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Analytical	Report
------------	--------

Lab Order 1609D97

Date Reported: 9/30/2016

Hall Environmental Analysis Laboratory, Inc.

CI IENT.	WDV Energy			Client Sampl	. ID. SC	1	
CLIENT:	WIN 24711 all mint			Collection I		2/2016 0.20.00 AM	
Project:	WLU /4/H oll mist			Collection	Jate: 9/2	23/2010 9:30:00 Alvi	
Lab ID:	1609D97-001	Matrix:	SOIL	Received I	Date: 9/2	24/2016 9:30:00 AM	
Analyses		Result	PQL Q	ual Units	DF	Date Analyzed	Batch
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS	6			Analyst	том
Diesel Ra	ange Organics (DRO)	230	9.3	mg/Kg	1	9/28/2016 12:52:52 PM	27707
Motor Oil	Range Organics (MRO)	260	46	mg/Kg	1	9/28/2016 12:52:52 PM	27707
Surr: D	NOP	103	70-130	%Rec	1	9/28/2016 12:52:52 PM	27707
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	NSB
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	9/29/2016 10:52:11 PM	27690
Surr: B	BFB	82.6	68.3-144	%Rec	1	9/29/2016 10:52:11 PM	27690
EPA MET	HOD 8021B: VOLATILES					Analyst	NSB
Benzene		ND	0.024	mg/Kg	1	9/29/2016 10:52:11 PM	27690
Toluene		ND	0.049	mg/Kg	1	9/29/2016 10:52:11 PM	27690
Ethylbenz	zene	ND	0.049	mg/Kg	1	9/29/2016 10:52:11 PM	27690
Xylenes,	Total	ND	0.098	mg/Kg	1	9/29/2016 10:52:11 PM	27690
Surr: 4	-Bromofluorobenzene	93.8	80-120	%Rec	1	9/29/2016 10:52:11 PM	27690

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

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix		Value above quantitation range
H Holding times for preparation or analysis exceeded		Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Page 1 of 5
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range
R RPD outside accepted recovery limits		RPD outside accepted recovery limits	RL	Reporting Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Analytical Report

Lab Order 1609D97

Date Reported: 9/30/2016

9/29/2016 11:15:34 PM 27690

Analyst: NSB

Hall Environmental Analysis Laboratory, Inc.

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

CLIENT: Project:	WPX Energy WLU 747H oil mist	Client Sample ID: SC-2 Collection Date: 9/23/2016 9:37:00 AM								
Lab ID:	1609D97-002	Matrix: S	SOIL	Received	Date: 9/2					
Analyses		Result	PQL Qu	al Units	DF	Date Analyzed	Batch			
EPA MET	HOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst	том			
Diesel Ra	ange Organics (DRO)	14	9.1	mg/Kg	1	9/28/2016 1:48:26 PM	27707			
Motor Oil	Range Organics (MRO)	ND	46	mg/Kg	1	9/28/2016 1:48:26 PM	27707			
Surr: D	NOP	91.5	70-130	%Rec	1	9/28/2016 1:48:26 PM	27707			
EPA MET	HOD 8015D: GASOLINE R	ANGE				Analyst	NSB			
Gasoline	Range Organics (GRO)	ND	4.7	mg/Kg	1	9/29/2016 11:15:34 PM	27690			

68.3-144

0.023

0.047

0.047

0.094

80-120

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

81.2

ND

ND

ND

ND

91.9

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

			and the second se		
Qualifiers:	*	Value exceeds Maximum Contaminant Level.	В	Analyte detected in the associated Method Blank	
	D	Sample Diluted Due to Matrix	E	Value above quantitation range	
H Holding times for preparation or analysis exceeded		Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits Pac	re 2 of 5
	ND	Not Detected at the Reporting Limit	Р	Sample pH Not In Range	50 2 01 5
	R	RPD outside accepted recovery limits	RL	Reporting Detection Limit	
S % R		% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as s	pecified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client: WPX Energy

Project: WLU 747H oil mist

Sample ID LCS-27685	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics				
Client ID: LCSS	Batch ID: 27685	RunNo: 37494			
Prep Date: 9/26/2016	Analysis Date: 9/27/2016	SeqNo: 1166208 Units: %Rec			
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual			
Surr: DNOP	4.5 5.000	90.9 70 130			
Sample ID MB-27685	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics			
Client ID: PBS	Batch ID: 27685	RunNo: 37494			
Prep Date: 9/26/2016	Analysis Date: 9/27/2016	SeqNo: 1166209 Units: %Rec			
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual			
Surr: DNOP	9.0 10.00	90.1 70 130			
Sample ID MB-27707	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics			
Client ID: PBS	Batch ID: 27707	RunNo: 37494			
Prep Date: 9/26/2016	Analysis Date: 9/27/2016	SeqNo: 1166802 Units: mg/Kg			
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual			
Diesel Range Organics (DRO)	ND 10				
Motor Oil Range Organics (MRO)	ND 50				
Surr: DNOP	8.7 10.00	87.3 70 130			
Sample ID LCS-27707	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics			
Client ID: LCSS	Batch ID: 27707	RunNo: 37494			
Prep Date: 9/26/2016	Analysis Date: 9/27/2016	SeqNo: 1166803 Units: mg/Kg			
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual			
Diesel Range Organics (DRO)	55 10 50.00	0 111 62.6 124			
Surr: DNOP	4.9 5.000	98.9 70 130			
Sample ID MB-27738	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics			
Client ID: PBS	Batch ID: 27738	RunNo: 37494			
Prep Date: 9/27/2016	Analysis Date: 9/28/2016	SeqNo: 1167146 Units: %Rec			
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual			
Surr: DNOP	8.7 10.00	87.1 70 130			
Sample ID LCS-27738	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics			
Client ID: LCSS	Batch ID: 27738	RunNo: 37494			
Prep Date: 9/27/2016	Analysis Date: 9/28/2016	SeqNo: 1167147 Units: %Rec			
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual			
0.0100	4.6 5.000	01.2 70 120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Η
- Not Detected at the Reporting Limit ND
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- В Analyte detected in the associated Method Blank
- E Value above quantitation range
- Analyte detected below quantitation limits J
- Р Sample pH Not In Range
- RL **Reporting Detection Limit**
- W Sample container temperature is out of limit as specified

Page 3 of 5

WO#:

1609D97

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

Client: WPX Energy Project: WLU 747H oil mist

Sample ID MB-27704	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range		
Client ID: PBS	Batch ID: 27704	RunNo: 37528			
Prep Date: 9/26/2016	Analysis Date: 9/28/2016	SeqNo: 1167737	Units: %Rec		
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual		
Surr: BFB	820 1000	81.6 68.3	144		
Sample ID LCS-27704	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range		
Client ID: LCSS	Batch ID: 27704	RunNo: 37528			
Prep Date: 9/26/2016	Analysis Date: 9/28/2016	SeqNo: 1167738	Units: %Rec		
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual		
Surr: BFB	930 1000	93.0 68.3	144		
		TestCode: EDA Mathad	ROLED: Casalina Banga		
Sample ID MB-27690	SampType: MBLK	restCode: EPA Method	6015D: Gasoline Range		
Client ID: PBS	Batch ID: 27690	RunNo: 37528	oursp: Gasonne Kange		
Client ID: PBS Prep Date: 9/26/2016	Batch ID: 27690 Analysis Date: 9/28/2016	RunNo: 37528 SeqNo: 1167758	Units: mg/Kg		
Client ID: PBS Prep Date: 9/26/2016 Analyte	Batch ID: 27690 Analysis Date: 9/28/2016 Result PQL SPK value	RunNo: 37528 SeqNo: 1167758 SPK Ref Val %REC LowLimit	Units: mg/Kg HighLimit %RPD RPDLimit Qual		
Client ID: PBS Prep Date: 9/26/2016 Analyte Gasoline Range Organics (GRO)	Batch ID: 27690 Analysis Date: 9/28/2016 Result PQL SPK value ND 5.0	RunNo: 37528 SeqNo: 1167758 SPK Ref Val %REC LowLimit	Units: mg/Kg HighLimit %RPD RPDLimit Qual		
Client ID: PBS Prep Date: 9/26/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB	Samp Type: MBLK Batch ID: 27690 Analysis Date: 9/28/2016 Result PQL SPK value ND 5.0 830 1000	RunNo: 37528 SeqNo: 1167758 SPK Ref Val %REC LowLimit 82.8 68.3	Units: mg/Kg HighLimit %RPD RPDLimit Qual		
Client ID: PBS Prep Date: 9/26/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB	SampType: MBLK Batch ID: 27690 Analysis Date: 9/28/2016 Result PQL SPK value ND 5.0 830 1000 SampType: LCS	RunNo: 37528 SeqNo: 1167758 SPK Ref Val %REC LowLimit 82.8 68.3 TestCode: EPA Method	Units: mg/Kg HighLimit %RPD RPDLimit Qual 144 8015D: Gasoline Range		
Client ID: PBS Prep Date: 9/26/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID LCS-27690 Client ID: LCSS	Batch ID: 27690 Analysis Date: 9/28/2016 Result PQL SPK value ND 5.0 830 1000 SampType: LCS Batch ID: 27690	RunNo: 37528 SeqNo: 1167758 SPK Ref Val %REC LowLimit 82.8 68.3 TestCode: EPA Method RunNo: 37528	Units: mg/Kg HighLimit %RPD RPDLimit Qual 144 8015D: Gasoline Range		
Client ID: PBS Prep Date: 9/26/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID LCS-27690 Client ID: LCSS Prep Date: 9/26/2016	Batch ID: 27690 Analysis Date: 9/28/2016 Result PQL SPK value ND 5.0 830 1000 SampType: LCS Batch ID: 27690 Analysis Date: 9/28/2016	RunNo: 37528 SeqNo: 1167758 SPK Ref Val %REC LowLimit 82.8 68.3 TestCode: EPA Method RunNo: 37528 SeqNo: 1167759	Units: mg/Kg HighLimit %RPD RPDLimit Qual 144 8015D: Gasoline Range Units: mg/Kg		
Client ID: PBS Prep Date: 9/26/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID LCS-27690 Client ID: LCSS Prep Date: 9/26/2016 Analyte	Batch ID: 27690 Analysis Date: 9/28/2016 Result PQL SPK value ND 5.0 830 1000 SampType: LCS Batch ID: 27690 Analysis Date: 9/28/2016 Result PQL SPK value	RunNo: 37528 SeqNo: 1167758 SPK Ref Val %REC LowLimit 82.8 68.3 TestCode: EPA Method RunNo: 37528 SeqNo: 1167759 SPK Ref Val %REC LowLimit	Units: mg/Kg HighLimit %RPD RPDLimit Qual 144 8015D: Gasoline Range Units: mg/Kg HighLimit %RPD RPDLimit Qual		
Client ID: PBS Prep Date: 9/26/2016 Analyte Gasoline Range Organics (GRO) Surr: BFB Sample ID LCS-27690 Client ID: LCSS Prep Date: 9/26/2016 Analyte Gasoline Range Organics (GRO)	Samp Type: MBLK Batch ID: 27690 Analysis Date: 9/28/2016 Result PQL SPK value ND 5.0 830 1000 SampType: LCS Batch ID: 27690 Analysis Date: 9/28/2016 Result PQL SPK value 28 5.0 25.00	RunNo: 37528 RunNo: 37528 SeqNo: 1167758 SPK Ref Val %REC LowLimit 82.8 68.3 TestCode: EPA Method RunNo: 37528 SeqNo: 1167759 SPK Ref Val %REC LowLimit 0 110 74.6	Units: mg/Kg HighLimit %RPD RPDLimit Qual 144 8015D: Gasoline Range Units: mg/Kg HighLimit %RPD RPDLimit Qual 123		

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
- R RPD outside accepted recovery limits
- 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 Detection Limit
- W Sample container temperature is out of limit as specified

1609D97

WO#:

Page 4 of 5

30-Sep-16

QC SUMMARY REPORT

Hall	Environmental	Analysis	Laboratory,	Inc.

Client: WPX Energy **Project:**

WLU 747H oil mist

Sample ID MB-27704	SampType: MBLK	TestCode: EPA Method	8021B: Volatiles
Client ID: PBS	Batch ID: 27704	RunNo: 37528	
Prep Date: 9/26/2016	Analysis Date: 9/28/2016	SeqNo: 1167885	Units: %Rec
Analyte	Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: 4-Bromofluorobenzene	0.95 1.000	95.3 80	120
Sample ID LCS-27704	SampType: LCS	TestCode: EPA Method	8021B: Volatiles
Client ID: LCSS	Batch ID: 27704	RunNo: 37528	
Prep Date: 9/26/2016	Analysis Date: 9/28/2016	SeqNo: 1167903	Units: %Rec
Analyte	Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Surr: 4-Bromofluorobenzene	1.0 1.000) 103 80	120
Sample ID MB-27690	SampType: MBLK	TestCode: EPA Method	8021B: Volatiles
Client ID: PBS	Batch ID: 27690	RunNo: 37528	
Prep Date: 9/26/2016	Analysis Date: 9/28/2016	SeqNo: 1167923	Units: mg/Kg
Analyte	Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Benzene	ND 0.025		
Toluene	ND 0.050		
Ethylbenzene	ND 0.050		
Xylenes, Total	ND 0.10		
Surr: 4-Bromofluorobenzene	0.97 1.000	97.0 80	120
Sample ID LCS-27690	SampType: LCS	TestCode: EPA Method	8021B: Volatiles
Client ID: LCSS	Batch ID: 27690	RunNo: 37528	
Prep Date: 9/26/2016	Analysis Date: 9/28/2016	SeqNo: 1167924	Units: mg/Kg
Analyte	Result PQL SPK value	e SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual
Benzene	0.94 0.025 1.000	0 94.5 75.3	123
Toluene	0.98 0.050 1.000	0 98.1 80	124
Ethylbenzene	1.0 0.050 1.000	0 0 102 82.8	121
Xylenes, Total	3.0 0.10 3.000	0 99.9 83.9	122
Surr: 4-Bromofluorobenzene	1.0 1.000	0 101 80	120

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Holding times for preparation or analysis exceeded Η
- Not Detected at the Reporting Limit ND
- R RPD outside accepted recovery limits
- % Recovery outside of range due to dilution or matrix S
- Analyte detected in the associated Method Blank В
- E Value above quantitation range
- Analyte detected below quantitation limits J
- Р Sample pH Not In Range
- RL Reporting Detection Limit
- W Sample container temperature is out of limit as specified

1609D97

WO#:

Page 5 of 5

30-Sep-16

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Alb TEL: 505-345-3975 Website: www.ha	l Analysi 4901 uquerqu S FAX: 5 allenviro	s Laboratory Hawkins NI e, NM 87109 05-345-4107 nmental.con	Sam	ole Log-In Ch	neck List
Client Name: WPX ENERGY	Work Order Number	: 16090	097		RcptNo:	1
Received by/date:	09 24 16					
Logged By: Lindsay Mangin	9/24/2016 9:30:00 AM		C	Junhy Hargo		
Completed By: Lindsay Mangin	9/25/2016 11:29:13 A	M	(Jundy Hargo		
Reviewed By: Ar 091	zully					
Chain of Custody						
1 Custody seals intact on sample bottles	?	Yes		No 🗆	Not Present	
2. Is Chain of Custody complete?		Yes		No 🗌	Not Present	
3. How was the sample delivered?		Cour	ier			
Log In						
4. Was an attempt made to cool the same	ples?	Yes		No 🗌		
5. Were all samples received at a temper	ature of >0° C to 6.0°C	Yes		No 🗆	NA 🗌	
6. Sample(s) in proper container(s)?		Yes		No 🗌		
7. Sufficient sample volume for indicated	test(s)?	Yes		No 🗌		
8. Are samples (except VOA and ONG) p	roperly preserved?	Yes		No 🗌		
9. Was preservative added to bottles?		Yes		No 🛃	NA 🗌	
10 VOA vials have zero headspace?		Yes		No 🗆	No VOA Vials 🛃	
11. Were any sample containers received	broken?	Yes		No 🛃		
12.Does paperwork match bottle labels?		Yes		No 🗆	# of preserved bottles checked for pH:	>12 unless noted)
13 Are matrices correctly identified on Cha	y) ain of Custody?	Yes		No 🗆	Adjusted?	
14. Is it clear what analyses were requeste	d?	Yes		No 🗌		
15. Were all holding times able to be met?		Yes		No 🗌	Checked by:	
(If no, notify customer for authorization.)			L		
Special Handling (if applicable)						
16. Was client notified of all discrenancies	with this order?	Yes		No 🗌	NA 🖌	
Dereon Notified	Detail					
By Whom:	Date: J Via	□ eMa		ne 🗌 Fax		
Regarding:	v 160.					

17. Additional remarks:

Client Instructions:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.6	Good	Yes			

.. .

-

Page 1 of 1

ient:	WPX Energy				X Standard Rush					AN/	ALY	/SI	SL	ABO	DRA	TOF	RY	
•				Project Name:						,	www	.hall	lenvi	ronm	ental.c	om		
ailing Addre	SS:		PO Box 640	WLU 747H oil mist Project #:				49	01 H)1 Hawkins NE - Albuquerque, NM 87109								
·		A	ztec. NM 87410					Tel. 505-345-3975 Fax 505-345-4107										
none #:	505-333	3-1880/50	5-386-9693	1						ļ	Anal	ysis	Req	uest				
nail or Fax#: <u>deborah.watson@wpxenergy.com</u>				Project Manager:														
A/QC Package:				D. Watson														
Standard Level 4 (Full Validation)								RO										
creditation: NELAP		Other		Sampler: D Watson				RON										
EDD (Type)				Sample Temporature				SOL							1		P N	
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	LHEAL No C	BTEX (8021)	TPH (8015) GF	Chlorides								Air Bubbles (Y	
9/23/2016	9:30	soil	SC-1	2-4 oz	cold	-001	x	x										
9/23/2016	9:37	soil	SC-2	2-4 oz	cold	-002	X	x										
																	Γ	
																	T	
																+	t	
_																	t	
11 A.														-+	+	+	+	
							+								-	+	┢	
							+		-						+	+	┢	
							1	-							+	+	+	
							+	-	-						- i	+	+	
ite:	Time:	Relinquishe	ed by:	Received by:		Date Time	Rer	nark	(S:								1	
23/11.	1600	Debr	h Water	/ chur Walts 9/23/16 1500														
1/23/11.	Time:	Relinquishe	the De a ha	Received by:	00/211	Date Time $I(a \cap GZ())$												