

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised April 3, 2017

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company WPX Energy Production, LLC	Contact Deborah Watson
Address PO Box 640, Aztec NM 87410	Telephone No. 505-333-1880
Facility Name W Lybrook Unit #735H	Facility Type Well Pad

Surface Owner Federal	Mineral Owner Federal (NMNM-118731)	API No.30-045-35801
-----------------------	-------------------------------------	---------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	34	23N	09W	554	North	1469	East	San Juan

Latitude N36.189412 Longitude W107.772609 NAD83

NATURE OF RELEASE

Type of Release Produced water	Volume of Release 15 bbl	Volume Recovered 5 bbl
Source of Release Sand tub/hose	Date and Hour of Occurrence July 10, 2017: 15:30	Date and Hour of Discovery July 10, 2017: 15:30
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom? Vanessa Fields (NMOCD) Cory Smith (NMOCD) Whitney Thomas (BLM-FFO)	
By Whom? Deborah Watson	Date and Hour July 13, 2017 at 10:43 via email	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*
N/A

Describe Cause of Problem and Remedial Action Taken.*

Human error, augers were stuck in sand tub. Contractor unhooked hose to clear blockage. Contents of tub drained onto location. Water truck called to the location to recover standing fluids.



OIL CONS. DIV DIST. 3

Describe Area Affected and Cleanup Action Taken.*

AUG 09 2017

- A water truck recovered 5 bbl of produced water.
- All fluids remained on location.
- Cleanup consisted of removal of impacted soil and sand. Material was taken to Envirotech landfarm for disposal.
- One five-point composite confirmation sample was collected on July 14, 2017, from within the impacted area following cleanup. The sample was laboratory analyzed for BTEX, TPH (GRO/DRO/MRO), and chlorides. NMOCD and BLM-FFO were notified of the sampling event but were not in attendance.
- Laboratory analytical results for BTEX and TPH were reported below the applicable NMOCD RRAL. (Laboratory results are attached)
- No further action required.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Deborah Watson	Approved by Environmental Specialist: 	
Title: Environmental Specialist	Approval Date: 8/11/2017	Expiration Date:
E-mail Address: deborah.watson@wpxenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: August 9, 2017	Phone: 505-333-1880	

* Attach Additional Sheets If Necessary

NVF 1701251872

9



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

July 28, 2017

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

RE: W Lybrook Unit #735H Frac Spill

OrderNo.: 1707767

Dear Debbie Watson:

Hall Environmental Analysis Laboratory received 1 sample(s) on 7/15/2017 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 www.hallenvironmental.com 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 qualifiers 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,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**

Lab Order 1707767

Date Reported: 7/28/2017

CLIENT: WPX Energy**Client Sample ID:** SC-1**Project:** W Lybrook Unit #735H Frac Spill**Collection Date:** 7/14/2017 11:09:00 AM**Lab ID:** 1707767-001**Matrix:** SOIL**Received Date:** 7/15/2017 11:20:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	220	30		mg/Kg	20	7/25/2017 2:38:20 PM	32992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: TOM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	7/20/2017 3:19:13 AM	32859
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	7/20/2017 3:19:13 AM	32859
Surr: DNOP	82.3	70-130		%Rec	1	7/20/2017 3:19:13 AM	32859
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	7/18/2017 9:36:58 PM	32828
Surr: BFB	95.6	54-150		%Rec	1	7/18/2017 9:36:58 PM	32828
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	7/18/2017 9:36:58 PM	32828
Toluene	ND	0.048		mg/Kg	1	7/18/2017 9:36:58 PM	32828
Ethylbenzene	ND	0.048		mg/Kg	1	7/18/2017 9:36:58 PM	32828
Xylenes, Total	ND	0.096		mg/Kg	1	7/18/2017 9:36:58 PM	32828
Surr: 4-Bromofluorobenzene	110	66.6-132		%Rec	1	7/18/2017 9:36:58 PM	32828

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

Qualifiers:	* Value exceeds Maximum Contaminant Level.	B 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	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Sample pH Not In Range
	PQL Practical Quantitative Limit	RL Reporting Detection Limit
	S % Recovery outside of range due to dilution or matrix	W Sample container temperature is out of limit as specified

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1707767

28-Jul-17

Client: WPX Energy
Project: W Lybrook Unit #735H Frac Spill

Sample ID	MB-32992	SampType:	MBLK	TestCode:	EPA Method 300.0: Anions					
Client ID:	PBS	Batch ID:	32992	RunNo:	44474					
Prep Date:	7/25/2017	Analysis Date:	7/25/2017	SeqNo:	1407525	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID	LCS-32992		SampType: LCS		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 32992		RunNo: 44474					
Prep Date:	7/25/2017		Analysis Date: 7/25/2017		SeqNo: 1407526		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	91.6	90	110			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B 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 | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1707767

28-Jul-17

Client: WPX Energy
Project: W Lybrook Unit #735H Frac Spill

Sample ID	MB-32859	SampType:	MBLK	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	PBS	Batch ID:	32859	RunNo:	44338					
Prep Date:	7/18/2017	Analysis Date:	7/20/2017	SeqNo:	1401060	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	9.8		10.00		98.0	70	130			

Sample ID	LCS-32859	SampType:	LCS	TestCode:	EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS	Batch ID:	32859	RunNo:	44338					
Prep Date:	7/18/2017	Analysis Date:	7/20/2017	SeqNo:	1401181	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	10	50.00	0	104	73.2	114			
Surr: DNOP	4.8		5.000		95.1	70	130			

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B 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 | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1707767

28-Jul-17

Client: WPX Energy
Project: W Lybrook Unit #735H Frac Spill

Sample ID	MB-32828	SampType:	MBLK	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	PBS	Batch ID:	32828	RunNo:	44294					
Prep Date:	7/17/2017	Analysis Date:	7/18/2017	SeqNo:	1399599	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		95.8	54	150			

Sample ID	LCS-32828	SampType:	LCS	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS	Batch ID:	32828	RunNo:	44294					
Prep Date:	7/17/2017	Analysis Date:	7/18/2017	SeqNo:	1399600	Units:	mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	105	76.4	125			
Surr: BFB	1100		1000		105	54	150			

Sample ID	LCSD-32828	SampType:	LCSD	TestCode:	EPA Method 8015D: Gasoline Range					
Client ID:	LCSS02	Batch ID:	32828	RunNo:	44294					
Prep Date:	7/17/2017	Analysis Date:	7/18/2017	SeqNo:	1399601	Units:	%Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000							0	0	

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B 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 | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1707767

28-Jul-17

Client: WPX Energy
Project: W Lybrook Unit #735H Frac Spill

Sample ID	MB-32828		SampType:	MBLK		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	PBS		Batch ID:	32828		RunNo:	44294			
Prep Date:	7/17/2017		Analysis Date:	7/18/2017		SeqNo:	1399633		Units: mg/Kg	
Analyte	Result	PQL	SPK value	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	1.1		1.000		108	66.6	132			

Sample ID	LCS-32828		SampType:	LCS		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSS		Batch ID:	32828		RunNo:	44294			
Prep Date:	7/17/2017		Analysis Date:	7/18/2017		SeqNo:	1399634		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	100	80	120			
Toluene	0.99	0.050	1.000	0	98.7	80	120			
Ethylbenzene	1.0	0.050	1.000	0	100	80	120			
Xylenes, Total	3.0	0.10	3.000	0	101	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		111	66.6	132			

Sample ID	LCSD-32828		SampType:	LCSD		TestCode:	EPA Method 8021B: Volatiles			
Client ID:	LCSS02		Batch ID:	32828		RunNo:	44294			
Prep Date:	7/17/2017		Analysis Date:	7/18/2017		SeqNo:	1399635		Units: mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	103	80	120	3.01	20	
Toluene	1.0	0.050	1.000	0	102	80	120	2.92	20	
Ethylbenzene	1.0	0.050	1.000	0	103	80	120	2.89	20	
Xylenes, Total	3.1	0.10	3.000	0	104	80	120	3.23	20	
Surr: 4-Bromofluorobenzene	1.1		1.000		111	66.6	132	0		

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B 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 | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Detection Limit |
| S % Recovery outside of range due to dilution or matrix | W Sample container temperature is out of limit as specified |



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

Sample Log-In Check List

Client Name: WPX ENERGY

Work Order Number: 1707767

RcptNo: 1

Received By: Andy Freeman

7/15/2017 11:20:00 AM

Completed By: Anne Thome

7/17/2017 9:05:05 AM

Reviewed By:

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? Courier

Log In

4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all samples received at a temperature of $>0^{\circ}\text{C}$ 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) properly 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?
(Note discrepancies on chain of custody) Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐
- # of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:

Date

By Whom:

Via:

☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

17. Additional remarks:

18. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.3	Good	Yes			

Chain-of-Custody Record		Turn-Around Time:	
Client: <u>WPX Energy Production</u>		<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush _____	
Mailing Address: <u>721 S Main</u> <u>Aztec, N.M</u>		Project Name: <u>W Lybrook Unit #735H</u> <u>Frac</u> <u>Spill</u>	
Phone #: <u>505 333 1880</u>		Project #:	
email or Fax#: <u>deborah.watson@wpxenergy.com</u>		Project Manager:	
QA/QC Package: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)		<u>D. Watson</u>	
Accreditation <input type="checkbox"/> NELAP <input type="checkbox"/> Other _____		Sampler: <u>D. Watson</u>	
<input type="checkbox"/> EOD (Type) _____		On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
		Sample Temperature: <u>23.3°C</u>	

☒ ~~Standard~~ ☐ **Rush**

Project Name:

Project Name: W Lybrook Unit #735H Frac Spill

Project #.	Project Name	Project Manager	Project Status	Project Start Date	Project End Date	Project Budget	Project Actual Cost	Project Variance	Project Risk	Project Impact	Project Notes
1	Project A	John Doe	Completed	2023-01-01	2023-03-31	\$100,000	\$95,000	\$5,000	Low	High	Project A was completed successfully and on time.
2	Project B	Jane Smith	In Progress	2023-04-01	2023-06-30	\$200,000	\$180,000	\$20,000	Medium	Medium	Project B is currently in progress and on track.
3	Project C	Mike Johnson	On Hold	2023-07-01	2023-09-30	\$150,000	\$150,000	\$0	High	Low	Project C is currently on hold due to budget constraints.
4	Project D	Sarah Brown	Planned	2023-10-01	2023-12-31	\$300,000	\$0	\$300,000	Low	High	Project D is currently planned and will start in October.
5	Project E	David Wilson	Completed	2023-01-01	2023-02-28	\$50,000	\$50,000	\$0	Low	Medium	Project E was completed successfully and on time.
6	Project F	Emily Davis	In Progress	2023-03-01	2023-05-31	\$75,000	\$70,000	\$5,000	Medium	Medium	Project F is currently in progress and on track.
7	Project G	Chris Miller	On Hold	2023-06-01	2023-08-31	\$120,000	\$120,000	\$0	High	Low	Project G is currently on hold due to budget constraints.
8	Project H	Alexander Lee	Planned	2023-09-01	2023-11-30	\$250,000	\$0	\$250,000	Low	High	Project H is currently planned and will start in September.
9	Project I	Olivia White	Completed	2023-02-01	2023-04-30	\$80,000	\$80,000	\$0	Low	Medium	Project I was completed successfully and on time.
10	Project J	Benjamin Green	In Progress	2023-05-01	2023-07-31	\$90,000	\$85,000	\$5,000	Medium	Medium	Project J is currently in progress and on track.

Project Manager:

D. Watson

Sampler: D Watson

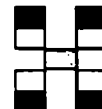
On Ice: ☒ Yes ☐ No

Sample Temperature: 263°C

[illegible]

Date:	Time:	Relinquished by:	Received by:	Date:	Time
7/14/17	1700	Debra Watson	Monica Webb	7/14/17	1700
Date:	Time:	Relinquished by:	Received by:	Date:	Time
7/14/17	1810	Monica Webb	Paula	7/15/17	11:20

Remarks:



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.