Wescom Inc.
1224 Standpipe Road
Carlsbad, New Mexico 88220

(575) 840-3940
wescominc.com

June 3, 2021

Robert Hamlet, Christina Eads and/or Chad Hensley
State of New Mexico
Energy, Minerals, and Natural Resources
New Mexico Oil Conservation Division
811 South First Street
Artesia, New Mexico 88210

Re: Closure Request

Company:	WPX Energy Permian, LLC
Location:	Longview Compressor Station
PLSS:	Sec 06 T23S R29E
GPS:	32.327645, -104.030243
Incident ID:	nAPP2109639512

Background

Wescom, Inc., hereafter referred to as Wescom, has prepared this closure request on behalf of WPX Energy Permian, LLC, hereafter referred to as WPX, summarizing the response efforts and liner inspection associated with a produced water and oil release at the Longview Compressor Station (Site). The Site located in Section 06, Township 23 South and Range 29 East in Eddy County, New Mexico. The GPS coordinates are as follows: North 32.327645 and West -104.030243. Surface owner of the site is the Bureau of Land Management. The Site falls within New Mexico Oil Conservation Division (NMOCD), District 2 Artesia.

On April 2, 2021, a two-inch line that connects from the water tanks to the transfer pump developed a hole and caused 110 bbls of produced water and 10 bbls of oil to be released inside the lined secondary containment. 110 bbls of produced water and 10 bbls of oil was recovered immediately from the containment. WPX reported the release to the New Mexico Oil Conservation Division (NMOCD) via email. NMOCD accepted the submitted notification of release and subsequently assigned Incident Number nAPP2109639512 to this spill.

Surface & Ground Water

The New Mexico Office of the State Engineer (OSE) records indicates nearest ground water measurement in the area is greater than 60 feet below ground surface (bgs) and is 0.67 miles South of the location, shown in Attachment C.

Karst Potential

According to data from the Bureau of Land Management, this Site is located within medium karst potential as shown in Attachment D. There are no indicators of karst around the Site surface.

Target Remedial Levels

The target cleanup levels are determined using the NMOCD Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC, inserted below) including karst guidelines from the Bureau of Land Management. The applicable recommended Remediation Action Levels (RRAL) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethyl benzene, and total xylenes (BTEX) and, 100 ppm Total Petroleum Hydrocarbons (TPH), characterization of vertical and horizontal extent of chloride concentration to a level of 600 mg/kg (ppm) is also required.

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC						
Longview Compressor Station 32.327645, -104.030243						
Depth to Groundwater		**Closure Criteria (units in mg/kg)**				
		Chloride * numerical limit or background, whichever is greater	**TPH**	**GRO+DRO**	**BTEX**	**Benzene**
Based on high karst potential	Medium	600	100		50	10
less than 50 ft bgs or no water data within 1/2 mile	0.67	600	100		50	10
51 ft to 100 ft	>60	10000	2500	1000	50	10
greater than 100 ft		20000	2500	1000	50	10
Surface water	**yes or no**	**If yes, then**				
< 300 feet from continuously flowing watercourse or other significant watercourse?	No					
< 200 feet from lakebed, sinkhole or playa lake?	No					
Water Well or Water Source						
< 500 feet from spring or a private, domestic fresh water well used by less than 5 households for domestic or stock watering purposes?	No					
< 1000 feet from fresh water well or spring?	No					
Human and Other Areas						
< 300 feet from an occupied permanent residence, school, hospital, institution or church?	No					
within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
< 100 feet from wetland?	No					
within area overlying a subsurface mine?	No					
within an unstable area?	No					
within a 100-year floodplain?	No					

Remediation and Delineation Activities

On April 27, 2021 Wescom personnel competent in the inspection of on-site equipment and facilities visited the site to visually inspect the liner. Prior to conducting the liner inspection, the NMOCD was provided a 48-hour notice of planned activities on April 22, 2021. During the inspection, two holes ¾-inch in diameter were found North of tank F55472 and a hole 2-inch in diameter was found Northeast of tank G-5563-14. The liner had the ability to contain the produce water and oil spill in question. Photographs taken during the liner inspection are included as an Attachment B.

Beginning April 27, 2021, WPX contracted Wescom to conduct a liner inspection to determine the integrity of the liner. During the inspection, two holes ¾-inch in diameter was found north of Tank F55472 and a hole 2-inch in diameter was found northeast of tank G-5563-14 shown in Attachment E. From this inspection it was determined further delineation activities would be required.

The required 48-hour inspection and confirmation sampling notifications were sent on April 22 and May 7, 2021, respectively, to Victoria Venegas, Robert Hamlet, Christina Eads, and Mike Bratcher with the NMOCD in Santa Fe, New Mexico.

Wescom personnel were on site May 7, 2021 to conduct field screens and collect confirmation samples from beneath liner breach holes. All three holes in the liner were immediately patched by Rose Gold Oil Field Services.

All soil samples were properly packaged, preserved, and transported to Envirotech, Inc. by chain of custody, and analyzed for Total Petroleum Hydrocarbons, or TPH, —Method 8015D, BTEX—Method 8021B, and Chlorides—Method 300.0. The results are presented in Table 1. Laboratory Analytical Reports are included in Attachment F. Locations of samples are shown in Figure 1.

Request for Closure

Based on the above confirmation sample laboratory data, depth to ground water, the fact this release has been delineated vertically, and the fact this liner was able to contain the spill, WPX hereby requests closure for nAPP2109639512.

If you have any questions or comments, please do not hesitate to call Ms. Sharlene Harvester at (218) 355-8047.

Sincerely,

Wescom, Inc.

Sharlene V. Harvester
Senior Environmental Scientist

Figures

Figure 1. Site Diagram

Tables

Table 1. Laboratory Analysis Results

Attachments

Attachment A. C-141
Attachment B. Site Photos
Attachment C. Closure Criteria Research
Attachment D. Karst Map
Attachment E. Linter Integrity Inspection Form
Attachment F. Envirotech Laboratory Analysis Reports

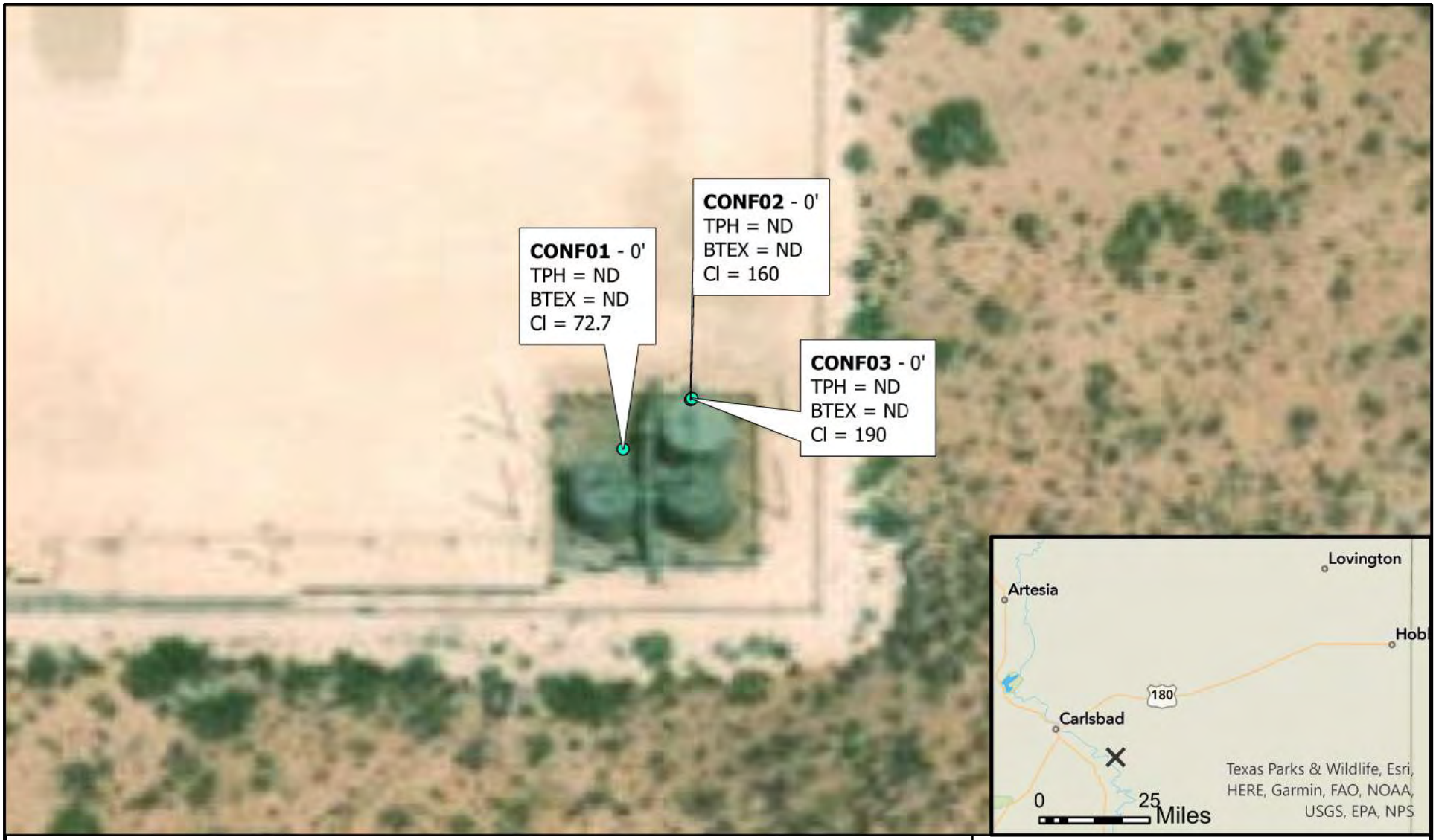
wescominc.com

Longview Compressor Station - 4.02.2021 Spill
WPX Energy Permian, LLC
May 27, 2021

Table 1. Laboratory Analysis Results

Sample Description			Petroleum Hydrocarbons				Inorganic
			Volatile		Extractable		
Sample ID	Depth (ft.)	Date	Benzene (mg/kg)	BTEX (total) (mg/kg)	TPH (mg/kg)	GRO+DRO (mg/kg)	Chloride (mg/kg)
Closure Criteria			10	50	100		600
Lab Order: E102008 Envirotech, Inc.							
CONF01	0	5/11/2021	ND	ND	ND	ND	72.7
CONF02	0	5/11/2021	ND	ND	ND	ND	160
CONF03	0	5/11/2021	ND	ND	ND	ND	190

NOTES:
BTEX - Benzene, Toluene, Ethylene, Xylene
DRO - Diesel Range Organics
ft. - feet
GRO - Gasoline Range Organics
mg/kg - milligrams per kilogram
TPH - Total Petroleum Hydrocarbons



Legend

- Sample Points

0 25 50 75 100 Feet

N

WESCOM

Figure 1. Site Diagram

Longview Compressor Station
Incident ID: nAPP2109639512
GPS Coordinates: 32.327645, -104.030243
PLSS: Unit P Sec 06 T23S R29E
Eddy County, New Mexico
WPX Energy Permian LLC

Attachment A

Signed C-141

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 Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2109639512
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: WPX Energy Permian, LLC	OGRID: 246289
Contact Name: Jim Raley	Contact Telephone: 575-689-7597
Contact email: james.raley@wpxenergy.com	Incident # *(assigned by OCD)* nAPP2109639512
Contact mailing address: 5315 Buena Vista Dr., Carlsbad NM 88220	

Location of Release Source

Latitude 32.327645 Longitude -104.030243
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Longview Compressor Station	Site Type: Compressor Station
Date Release Discovered: April, 2nd 2021	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
P	06	23S	29E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☒ Crude Oil	Volume Released (bbls) 10	Volume Recovered (bbls) 10
☒ Produced Water	Volume Released (bbls) 110	Volume Recovered (bbls) 110
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: 2 inch line from water tanks to transfer pump developed pinhole leak, resulting in release of 110 bbls of produced water and 10 bbls of oil to lined secondary containment. Fluids recovered by vac truck.

Release volume estimate based on recovered volume, fluids remained in lined secondary containment.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2109639512
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Volume exceeded 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given via email on 4/2/2021 to Robert Hamlet and Emily Hernandez	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: ___James Raley__ Title: Environmental Specialist _____

Signature: _____ Date: ___04/06/2020_____

email: ___james.raley@wpxenergy.com_____ Telephone: ___575-689-7597_____

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2109639512
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	0.67 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
☒ Field data
☒ Data table of soil contaminant concentration data
☒ Depth to water determination
☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
☒ Boring or excavation logs
☒ Photographs including date and GIS information
☒ Topographic/Aerial maps
☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2109639512
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.

Printed Name: _Jim Raley _____ Title: Environmental Proffessional_____

Signature:_____ Date: _6/29/2021_____

email: __jim.raley@dvn.com_____ Telephone: ___575-689-7597_____

OCD Only

Received by: _____ Date: _____

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2109639512
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: James Raley Title: Environmental Specialist

Signature:  Date: 6-24-2021

email: james.raley@wpxenergy.com Telephone: 575-689-7597

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Attachment B

Site Photos

Site Photo

South Side Containment

East Side Containment

North Side Containment

West Side Containment

2" Diameter Hole Northeast of Tank G-5563-14

3/4" Diameter Hole North of Tank F55472

3/4" Diameter Hole North of Tank F55472

CONF01 - Northeast of Tank G-5563-14

CONF02 and CONF03 - North of Tank F55472

Patched Liner North of Tank F55472

Patched Liner Northeast of Tank G-5563-14

Attachment C

Closure Criteria Research

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum) (R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in met

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	q 64	q 16	q 4	Sec	Twn	Rng	X	Y
C 04470	CUB	MON	0	MARATHON OIL	ED	C 04470 POD1	NA				3	1	3	07	23S	29E	591280	3576086
C 04418	CUB	MON	0	WPX ENERGY	ED	C 04418 POD1	NA				4	2	1	12	23S	28E	590103	3576851
C 02804	CUB	MON	0	IMC	ED	C 02804						2	1	08	23S	29E	593262	3576905*
C 02805	CUB	MON	0	IMC	ED	C 02805						2	1	08	23S	29E	593262	3576905*
C 02702	C		0	IMC KALIUM	ED	C 02702				Shallow		2		13	23S	28E	590715	3575108*
C 02703	C		0	IMC KALIUM	ED	C 02703						2		13	23S	28E	590715	3575108*
C 04121	C	SAN	1	CENTURION PIPELINE LTD PRTNRSH	ED	C 04121 POD1	NA				1	3	3	12	23S	28E	589536	3575898
C 04417	CUB	MON	0	WPX ENERGY	ED	C 04417 POD1	NA				4	3	3	36	22S	28E	589735	3578874
C 01216	CUB	EXP	0	U.S. BORAX & CHEM. CORP.	ED	C 01216				Shallow	4	1	1	13	23S	28E	589801	3575205*
SP 00302	CUB	IND	4639.5	INTREPID MINING NM LLC US BANK NATIONAL ASSOCIATION	ED	SP 00302						1	4	11	23S	28E	588886	3576107*
SP 01942	CUB	IND	10868	INTREPID MINING NM LLC US BANK NATIONAL ASSOCIATION	ED	SP 01942						1	4	11	23S	28E	588886	3576107*
SP 02045	CUB	IND	18100	INTREPID MINING NM LLC US BANK NATIONAL ASSOCIATION	ED	SP 02045						1	4	11	23S	28E	588886	3576107*
SD 01094	CUB	IND	381.6	UNITED STATES POTASH COMPANY (NSL) A CORP.	ED	SD 01094								02	23S	28E	588668	3577916*
SP 01955	CUB	IRR	150.8	U.S. BANK NATIONAL ASSO. INTREPID MINING NM LLC	ED	SP 01955								11	23S	28E	588680	3576294*
C 00791	CUB	MIN	0	MISSISSIPPI CHEMICAL COMPANY	ED	C 00791					1	3	1	13	23S	28E	589603	3574999*
C 01212	CUB	EXP	0	U.S. BORAX & CHEM. CORP.	ED	C 01212					1	3	1	13	23S	28E	589603	3574999*
C 01293	CUB	EXP	0	U.S. BORAX & CHEM. CORP.	ED	C 01293					1	3	1	13	23S	28E	589603	3574999*
C 04216	CUB	MON	0	ROCKCLIFF OPERATING NM LLC	ED	C 04216 POD3	NA			Shallow	1	4	1	11	23S	28E	588501	3576556
					ED	C 04216 POD4				Shallow	2	4	1	11	23S	28E	588499	3576513
					ED	C 04216 POD1				Shallow	2	4	1	11	23S	28E	588488	3576534
C 00098	CUB	IRR	405.39	JAMES B KENNEY	ED	C 00109	NA			Shallow	1	3	3	04	23S	27E	588485	3576531
C 00109	CUB	IRR	405.39	MONTIE BUNCH	ED	C 00109	NA			Shallow	1	3	3	04	23S	27E	588485	3576531
C 04219	CUB	PRO	0	JAMES B KENNEY	ED	C 00109	NA			Shallow	1	3	3	04	23S	27E	588485	3576531
C 01256	CUB	EXP	0	U.S. BORAX & CHEM. CORP.	ED	C 01256					3	2	2	14	23S	28E	589196	3575199*
C 01214	CUB	EXP	0	U.S. BORAX & CHEM. CORP.	ED	C 01214				Shallow	1	2	3	13	23S	28E	590010	3574597*
C 04216	CUB	MON	0	ROCKCLIFF OPERATING NM LLC	ED	C 04216 POD2	NA			Shallow	1	4	1	11	23S	28E	588464	3576555
C 01967	C	DOM	3	PERRY L COLEMAN	ED	C 01967				Shallow		2	3	13	23S	28E	590111	3574498*
C 01215	CUB	EXP	0	U.S. BORAX & CHEM.	ED	C 01215				Shallow	4	2	3	13	23S	28E	590210	3574397*
C 01257	CUB	EXP	0	U.S. BORAX & CHEM. CORP.	ED	C 01257					4	1	2	14	23S	28E	588990	3575194*
C 02706	C		0	IMC KALIUM	ED	C 02706				Shallow		4		18	23S	29E	592302	3574291*
C 01255	CUB	EXP	0	U.S. BORAX & CHEM. CORP.	ED	C 01255					1	1	3	13	23S	28E	589606	3574593*
C 00512	CUB	IRR	322.8	ANTONIO C. & GLORIA G. ONSUREZ	ED	C 00512				Shallow	4	1	1	11	23S	28E	588188	3576775
C 03536	C	PRO	0	GLENN'S WATER WELL SERVICE	ED	C 00512				Shallow	4	1	1	11	23S	28E	588188	3576775
C 00512	CUB	IRR	322.8	ANTONIO C. & GLORIA G. ONSUREZ	ED	C 00512 S				Shallow	4	1	1	11	23S	28E	588167	3576806*
C 01213	CUB	EXP	0	U.S. BORAX & CHEM. CORP.	ED	C 01213					4	1	3	13	23S	28E	589806	3574393*
C 01217	CUB	COM	150	INTREPID MINING NM LLC US BANK NATIONAL ASSOCIATION	ED	C 01217				Shallow	4	1	3	13	23S	28E	589788	3574371
SP 00302	CUB	IND	4639.5	INTREPID MINING NM LLC US BANK NATIONAL ASSOCIATION	ED	C 01217				Shallow	4	1	3	13	23S	28E	589788	3574371
C 02806	CUB	MON	0	IMC	ED	C 02806						1	1	09	23S	29E	594473	3576927*
C 02807	CUB	MON	0	IMC	ED	C 02807						1	1	09	23S	29E	594473	3576927*
C 04490	CUB	MON	0	MOSAIC POTASH CARLSBAD INC	ED	C 04490 POD2	NA			Shallow	2	3	3	13	23S	28E	589898	3574259
C 01450	C	PUB	0	GARDNER BRIDGE CO.	ED	C 01450					2	2	1	14	23S	28E	588585	3575389*
C 01258	CUB	EXP	0	US BORAX & CHEM. CORP.	ED	C 01258					3	1	3	13	23S	28E	589606	3574393*
C 03460	CUB	EXP	0	HUNGRY HORSE, LLC	ED	C 03460 POD1				Shallow	3	1	2	14	23S	28E	588857	3575004
C 03059	CUB		0	UNITED SALT CORPORATION	ED	C 03059 EXPLORE				Shallow	4	1	3	17	23S	29E	592993	3574378*
C 03469	CUB	POL	0	BTA OIL PRODUCERS, LLC	ED	C 03469 POD3					3	4	3	11	23S	28E	588381	3575538
					ED	C 03469 POD1				Shallow	3	4	3	11	23S	28E	588373	3575538
					ED	C 03469 POD2					3	4	3	11	23S	28E	588382	3575506
C 02705	C		0	IMC KALIUM	ED	C 02705				Shallow		2		17	23S	29E	593902	3575093*

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
NA	C 04470 POD1	3	1	3	07	23S	29E	591280	3576086

Driller License: 1249 **Driller Company:** ATKINS ENGINEERING ASSOC. INC.

Driller Name: ATKINS, JACKIE D.UELENER

Drill Start Date: 09/03/2020 **Drill Finish Date:** 09/03/2020 **Plug Date:** 09/08/2020

Log File Date: 09/14/2020 **PCW Rcv Date:** **Source:**

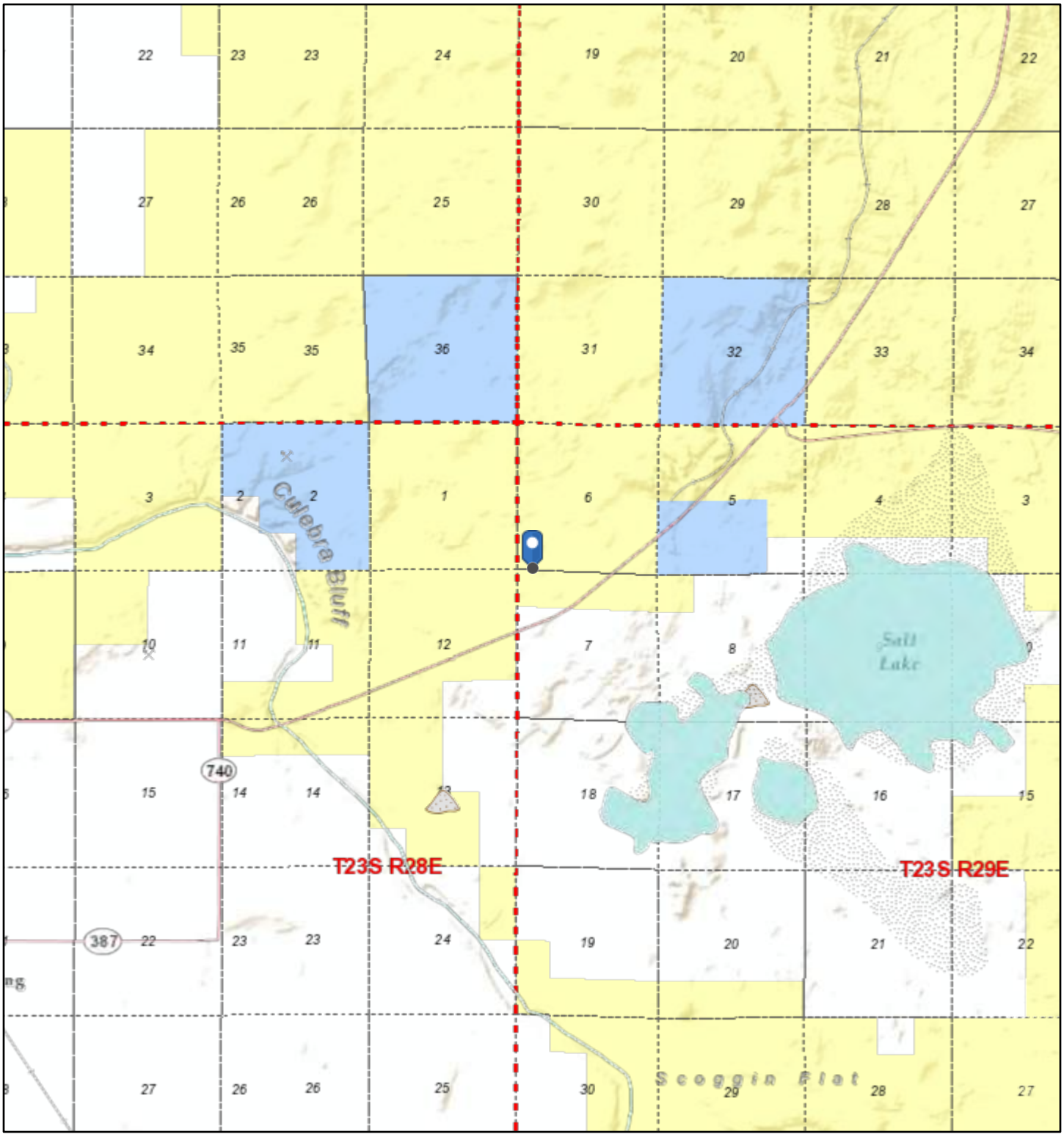
Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 2.00 **Depth Well:** **Depth Water:**

Longview Compressor Station

Distance to Nearest Depth to Water Point = 0.67 miles

Active Mines Near Longview Compressor Station



4/28/2021, 10:26:59 AM

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

- Township / Range
- Sections

Land Ownership

- Bureau of Land Management
- Bureau of Reclamation
- Department of Agriculture
- Department of Defense
- Department of Energy
- National Park Service
- Private Land
- State Game and Fish
- State Land
- State Parks
- Tribal

U.S. Bureau of Land Management - New Mexico State Office, Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS

EMNRD MMD GIS Coordinator

New Energy, Minerals and Natural Resources Department (http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795)

National Flood Hazard Layer FIRMette

FEMA

104°2'8"W 32°19'55"N

104°1'30"W 32°19'24"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/28/2021 at 10:26 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

U.S. Fish and Wildlife Service
National Wetlands Inventory

Longview Compressor - Riverine 8,283 ft

April 28, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

U.S. Fish and Wildlife Service
National Wetlands Inventory

Longview Compressor - Wetland 480.9 ft

April 28, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Longview Compressor Station

Nearest Residence = 11,520 feet

Attachment D

Karst Map

Longview Compressor Station

Karst Potential = Medium

Attachment E

Liner Integrity Form

Carlsbad, NM
New Town & Williston, ND
Duluth, MN

WESCOM

(218) 724-1322
(701) 225-7847
wescominc.com

Liner Integrity Inspection – Photos attached

Date: 04/27/21

Facility: Longview Compressor Station

48-Hour Notification Given On: 04/22/21

Responsible party has Visually inspected the liner (Y)/ N

Liner Remains Intact Y /(N)

Liner had the ability to contain the leak in question (Y)/ N

Notes:

2- 3/4 inch holes north of tank F55472.
1- 2inch hole northeast of tank G-5563-14.

Company Representative (s)

Natalie Nunez

Natalie Nunez

Attachment F

Envirotech Laboratory Analysis Reports

Report to:

Shar Harvester

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name:	Longview Compressor Station
Work Order:	E105032
Job Number:	04108-0639
Received:	5/13/2021

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/18/21

Date Reported: 5/18/21

Shar Harvester
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Longview Compressor Station
Workorder: E105032
Date Received: 5/13/2021 11:30:00AM

Shar Harvester,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/13/2021 11:30:00AM, under the Project Name: Longview Compressor Station.

The analytical test results summarized in this report with the Project Name: Longview Compressor Station apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Office:

Lynn Estes
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
lestes@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page 1

Cover Page 2

Table of Contents 3

Sample Summary 4

Sample Data 5

- CONF01-0’ 5
- CONF02-0’ 6
- CONF03-0’ 7

QC Summary Data 8

- QC - Volatile Organics by EPA 8021B 8
- QC - Nonhalogenated Organics by EPA 8015D - GRO 9
- QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO 10
- QC - Anions by EPA 300.0/9056A 11

Definitions and Notes 12

Chain of Custody etc. 13

Sample Summary

WPX Energy - Carlsbad	Project Name:	Longview Compressor Station	**Reported:**
5315 Buena Vista Dr	Project Number:	04108-0639	
Carlsbad NM, 88220	Project Manager:	Shar Harvester	05/18/21 11:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CONF01-0'	E105032-01A	Soil	05/11/21	05/13/21	Glass Jar, 4 oz.
CONF02-0'	E105032-02A	Soil	05/11/21	05/13/21	Glass Jar, 4 oz.
CONF03-0'	E105032-03A	Soil	05/11/21	05/13/21	Glass Jar, 4 oz.

Sample Data

WPX Energy - Carlsbad	Project Name:	Longview Compressor Station	
5315 Buena Vista Dr	Project Number:	04108-0639	**Reported:**
Carlsbad NM, 88220	Project Manager:	Shar Harvester	5/18/2021 11:07:36AM

CONF01-0'

E105032-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2120023
Benzene	ND	0.0250	1	05/13/21	05/14/21	
Ethylbenzene	ND	0.0250	1	05/13/21	05/14/21	
Toluene	ND	0.0250	1	05/13/21	05/14/21	
o-Xylene	ND	0.0250	1	05/13/21	05/14/21	
p,m-Xylene	ND	0.0500	1	05/13/21	05/14/21	
Total Xylenes	ND	0.0250	1	05/13/21	05/14/21	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*05/13/21*	*05/14/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2120023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/21	05/14/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.4 %*	*70-130*	*05/13/21*	*05/14/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2120027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/21	05/14/21	
Oil Range Organics (C28-C35)	ND	50.0	1	05/14/21	05/14/21	
Surrogate: n-Nonane		*105 %*	*50-200*	*05/14/21*	*05/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2120024
Chloride	**72.7**	20.0	1	05/13/21	05/14/21	

Sample Data

WPX Energy - Carlsbad	Project Name:	Longview Compressor Station	
5315 Buena Vista Dr	Project Number:	04108-0639	**Reported:**
Carlsbad NM, 88220	Project Manager:	Shar Harvester	5/18/2021 11:07:36AM

CONF02-0'

E105032-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2120023
Benzene	ND	0.0250	1	05/13/21	05/14/21	
Ethylbenzene	ND	0.0250	1	05/13/21	05/14/21	
Toluene	ND	0.0250	1	05/13/21	05/14/21	
o-Xylene	ND	0.0250	1	05/13/21	05/14/21	
p,m-Xylene	ND	0.0500	1	05/13/21	05/14/21	
Total Xylenes	ND	0.0250	1	05/13/21	05/14/21	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*05/13/21*	*05/14/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2120023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/21	05/14/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*05/13/21*	*05/14/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2120027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/21	05/14/21	
Oil Range Organics (C28-C35)	ND	50.0	1	05/14/21	05/14/21	
Surrogate: n-Nonane		*80.1 %*	*50-200*	*05/14/21*	*05/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2120024
Chloride	**160**	20.0	1	05/13/21	05/14/21	

Sample Data

WPX Energy - Carlsbad	Project Name:	Longview Compressor Station	
5315 Buena Vista Dr	Project Number:	04108-0639	**Reported:**
Carlsbad NM, 88220	Project Manager:	Shar Harvester	5/18/2021 11:07:36AM

CONF03-0'

E105032-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2120023
Benzene	ND	0.0250	1	05/13/21	05/14/21	
Ethylbenzene	ND	0.0250	1	05/13/21	05/14/21	
Toluene	ND	0.0250	1	05/13/21	05/14/21	
o-Xylene	ND	0.0250	1	05/13/21	05/14/21	
p,m-Xylene	ND	0.0500	1	05/13/21	05/14/21	
Total Xylenes	ND	0.0250	1	05/13/21	05/14/21	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*05/13/21*	*05/14/21*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2120023
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/21	05/14/21	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.9 %*	*70-130*	*05/13/21*	*05/14/21*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2120027
Diesel Range Organics (C10-C28)	ND	25.0	1	05/14/21	05/14/21	
Oil Range Organics (C28-C35)	ND	50.0	1	05/14/21	05/14/21	
Surrogate: n-Nonane		*88.8 %*	*50-200*	*05/14/21*	*05/14/21*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS			Batch: 2120024
Chloride	**190**	20.0	1	05/13/21	05/14/21	

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Longview Compressor Station	**Reported:**
5315 Buena Vista Dr	Project Number:	04108-0639	
Carlsbad NM, 88220	Project Manager:	Shar Harvester	5/18/2021 11:07:36AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2120023-BLK1)									Prepared: 05/13/21 Analyzed: 05/13/21
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.40*		*8.00*		*92.5*	*70-130*			
LCS (2120023-BS1)									Prepared: 05/13/21 Analyzed: 05/13/21
Benzene	5.06	0.0250	5.00		101	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.0	70-130			
Toluene	5.15	0.0250	5.00		103	70-130			
o-Xylene	5.08	0.0250	5.00		102	70-130			
p,m-Xylene	9.95	0.0500	10.0		99.5	70-130			
Total Xylenes	15.0	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.53*		*8.00*		*94.1*	*70-130*			
Matrix Spike (2120023-MS1)				**Source: E105032-01**					Prepared: 05/13/21 Analyzed: 05/14/21
Benzene	4.73	0.0250	5.00	ND	94.5	54-133			
Ethylbenzene	4.59	0.0250	5.00	ND	91.7	61-133			
Toluene	4.82	0.0250	5.00	ND	96.3	61-130			
o-Xylene	4.77	0.0250	5.00	ND	95.5	63-131			
p,m-Xylene	9.33	0.0500	10.0	ND	93.3	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	94.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike Dup (2120023-MSD1)				**Source: E105032-01**					Prepared: 05/13/21 Analyzed: 05/14/21
Benzene	5.02	0.0250	5.00	ND	100	54-133	5.94	20	
Ethylbenzene	4.88	0.0250	5.00	ND	97.6	61-133	6.26	20	
Toluene	5.11	0.0250	5.00	ND	102	61-130	5.86	20	
o-Xylene	5.08	0.0250	5.00	ND	102	63-131	6.17	20	
p,m-Xylene	9.93	0.0500	10.0	ND	99.3	63-131	6.30	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	63-131	6.26	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Longview Compressor Station	**Reported:**
5315 Buena Vista Dr	Project Number:	04108-0639	
Carlsbad NM, 88220	Project Manager:	Shar Harvester	5/18/2021 11:07:36AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2120023-BLK1)									Prepared: 05/13/21 Analyzed: 05/13/21
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.06*		*8.00*		*101*	*70-130*			
LCS (2120023-BS2)									Prepared: 05/13/21 Analyzed: 05/14/21
Gasoline Range Organics (C6-C10)	49.1	20.0	50.0		98.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.38*		*8.00*		*105*	*70-130*			
Matrix Spike (2120023-MS2)				**Source: E105032-01**					Prepared: 05/13/21 Analyzed: 05/14/21
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.13*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2120023-MSD2)				**Source: E105032-01**					Prepared: 05/13/21 Analyzed: 05/14/21
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.6	70-130	1.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.10*		*8.00*		*101*	*70-130*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Longview Compressor Station	**Reported:**
5315 Buena Vista Dr	Project Number:	04108-0639	
Carlsbad NM, 88220	Project Manager:	Shar Harvester	5/18/2021 11:07:36AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2120027-BLK1)									Prepared: 05/14/21 Analyzed: 05/14/21
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C35)	ND	50.0							
Surrogate: n-Nonane	*49.9*		*50.0*		*99.9*	*50-200*			
LCS (2120027-BS1)									Prepared: 05/14/21 Analyzed: 05/14/21
Diesel Range Organics (C10-C28)	445	25.0	500		89.0	38-132			
Surrogate: n-Nonane	*44.6*		*50.0*		*89.2*	*50-200*			
Matrix Spike (2120027-MS1)				**Source: E105028-03**					Prepared: 05/14/21 Analyzed: 05/14/21
Diesel Range Organics (C10-C28)	458	25.0	500	25.0	86.6	38-132			
Surrogate: n-Nonane	*45.6*		*50.0*		*91.2*	*50-200*			
Matrix Spike Dup (2120027-MSD1)				**Source: E105028-03**					Prepared: 05/14/21 Analyzed: 05/14/21
Diesel Range Organics (C10-C28)	465	25.0	500	25.0	87.9	38-132	1.50	20	
Surrogate: n-Nonane	*42.4*		*50.0*		*84.9*	*50-200*			

QC Summary Data

WPX Energy - Carlsbad	Project Name:	Longview Compressor Station	**Reported:**
5315 Buena Vista Dr	Project Number:	04108-0639	
Carlsbad NM, 88220	Project Manager:	Shar Harvester	5/18/2021 11:07:36AM

Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2120024-BLK1)									Prepared: 05/13/21 Analyzed: 05/14/21
Chloride	ND	20.0							
LCS (2120024-BS1)									Prepared: 05/13/21 Analyzed: 05/14/21
Chloride	245	20.0	250		97.9	90-110			
Matrix Spike (2120024-MS1)				**Source: E105029-01**					Prepared: 05/13/21 Analyzed: 05/14/21
Chloride	265	40.0	250	ND	106	80-120			
Matrix Spike Dup (2120024-MSD1)				**Source: E105029-01**					Prepared: 05/13/21 Analyzed: 05/14/21
Chloride	271	40.0	250	ND	108	80-120	2.40	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.

Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Longview Compressor Station	
5315 Buena Vista Dr	Project Number:	04108-0639	**Reported:**
Carlsbad NM, 88220	Project Manager:	Shar Harvester	05/18/21 11:07

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Client: WPX Energy Permian LLC
Project: Longview Compressor Station
Project Manager: Shar Harvester
Address: 1224 Standpipe Rd.
City, State, Zip Carlsbad NM 88220
Phone: (218) 355-8047
Email: Shar.harvester@wescominc.com
Report due by:

Bill To
Attention: WPX- Jim Raley
Address: 5315 Buena Vista Dr
City, State, Zip Carlsbad NM 88220
Phone: (575) 689-7597
Email: james.raley@wpxenergy.com

Lab Use Only
Lab WO# E105032
Job Number 04108-0039

TAT: 1D | 2D | 3D | Standard (X)

EPA Program: CWA | SDWA | RCRA

State: NM (X) | CO | UT | AZ | TX

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC NM	BGDOC TX	Remarks
0820	5/11/21	S	1	CONF01-0'	1							X		
0826	5/11/21	S	1	CONF02-0'	2							X		
0832	5/11/21	S	1	CONF03-0'	3							X		

Additional Instructions: cc natalie.nunez@wescominc.com, james.raley@wpxenergy.com preserved on ice.

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	05/11/21	12:54		5.11.21	1254
	5.12.21	1630	Raia Schwartz	5/13/21	11:30

Lab Use Only
Received on ice: (Y) / N
T1 T2 T3
AVG Temp °C 4

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

envirotech

Envirotech Analytical Laboratory

Printed: 5/13/2021 12:09:52PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	05/13/21 11:30	Work Order ID:	E105032
Phone:	(539) 573-4018	Date Logged In:	05/13/21 12:05	Logged In By:	Raina Schwanz
Email:	shar.harvester@wescominc.com	Due Date:	05/18/21 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	No	
2. Does the number of samples per sampling site location match the COC	No	
3. Were samples dropped off by client or carrier?	No	Carrier: Fed Ex
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	No	

Comments/Resolution

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT?	No	

Sample Cooler

7. Was a sample cooler received?	No	
8. If yes, was cooler received in good condition?	NA	
9. Was the sample(s) received intact, i.e., not broken?	No	
10. Were custody/security seals present?	No	
11. If yes, were custody/security seals intact?	NA	
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	No	
13. If no visible ice, record the temperature. Actual sample temperature: 4°C		

Sample Container

14. Are aqueous VOC samples present?	No	
15. Are VOC samples collected in VOA Vials?	NA	
16. Is the head space less than 6-8 mm (pea sized or less)?	NA	
17. Was a trip blank (TB) included for VOC analyses?	NA	
18. Are non-VOC samples collected in the correct containers?	No	
19. Is the appropriate volume/weight or number of sample containers collected?	No	

Field Label

20. Were field sample labels filled out with the minimum information:		
Sample ID?	No	
Date/Time Collected?	No	
Collectors name?	No	

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved?	No	
22. Are sample(s) correctly preserved?	NA	
24. Is lab filteration required and/or requested for dissolved metals?	No	

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase?	No	
27. If yes, does the COC specify which phase(s) is to be analyzed?	NA	

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory?	No	
29. Was a subcontract laboratory specified by the client and if so who?	NA	Subcontract Lab:

Client Instruction

Email: Natalie.nunez@wescominc.com; james.raley@wpxenergy.com

Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2109639512
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: James Raley Title: Environmental Specialist

Signature: James Raley Date: 6-24-2021

email: james.raley@wpxenergy.com Telephone: 575-689-7597

OCD Only

Received by: Robert Hamlet Date: 9/13/2021

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 9/13/2021

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 33608

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	246289
	Action Number: 33608
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2109639512 LONGVIEW COMPRESSOR STATION TANK BATTERY, thank you. This closure is approved.	9/13/2021