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	nAPP2230032326
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party WPX Energy Permain, LLC					OGRID 246289			
Contact Name Jim Raley				Contact Telephone 575-689-7597				
Contact email Jim.Raley@dvn.com				Incident #	(assigned by OCD) nAPP223	0032326		
Contact mail 88220	ing address	5315 Buena Vis	ta Drive, Carlsba	id, NM				
			Location	n of R	elease S	ource		
Latitude 32	0.05802				Longitudo	102 044961		
Lautude <u>32</u>	2.003892		(NAD 83 in a		Longitude grees to 5 decir	-103.944861 mal places)		
Site Name: B	rushy Gathe	ering Facility			Site Type:	Produced Water Gathering	g Facility	
Date Release	Discovered	10/19/2022			API# (if ap)	plicable) fAB1805133323		
Unit Letter	Section	Township	Range		Cour	nty		
M	25	26S	29E	Eddy	7			
Surface Owne	r: State		ribal Private	(Name:)	
			Nature an	nd Vol	ume of 1	Release		
	Materia	ul(s) Released (Select	all that annly and attac	ch calculati	ions or specific	justification for the volumes pro	wided below)	
Crude Oi		Volume Releas		en calculati	ions or specific	Volume Recovered (bbl		
Produced	Water	Volume Releas	ed (bbls)			Volume Recovered (bbls)		
		Is the concentra	ation of dissolved >10,000 mg/l?	l chloride	in the	☐ Yes ☐ No		
Condensa	ite	Volume Releas				Volume Recovered (bbls)		
Natural G	ias	Volume Releas	ed (Mcf)			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units			ide units)	S) Volume/Weight Recovered (provide units)				
G CD 1			1 6 11		1			
Cause of Rel	ease: Pump	went down from	loss of power, all	owing ta	nk to overfl	ow.		
bbl est imate	saturated soil	$\frac{t \text{ volume } (ft^2)}{ft^2} * estimor quivalent}$	ated soil porosity(%) + recov	vered fluids (b	bl)		
	4.21(bbl e	equivalent)						

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of New Mexico

Incident ID	nAPP2230032326
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMAC?	
☐ Yes ⊠ No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
	Initial Response
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The source of the rele	ase has been stopped.
	s been secured to protect human health and the environment.
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain why:
D 10 15 20 0 D (4) NB4	
has begun, please attach a	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and
	required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have
failed to adequately investiga	ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In
and/or regulations.	f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
Printed Name:Jim Rale	ey Title:Environmental Professional
Signature:	
Signature:/	Date:10/27/2022
email:jim.raley@dvn.	.com Telephone: 575-689-7597
OCD Only	
Received by:	Date:

	Page 3 of .	<i>51</i>
Incident ID	nAPP2230032326	
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?	_51-100_ (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 vercontamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
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 well Field data	ls.
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	

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.

Laboratory data including chain of custody

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Incident ID nAPP2230032326
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 Professional

Date: 11/28/2022

email: jim.raley@dvn.com Telephone: 575-689-7597

OCD Only

Received by: Jocelyn Harimon Date: 11/28/2022

Incident ID nAPP2230032326 District RP Facility ID Application ID

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.							
Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)							
Deferral Requests Only: Each of the following items must be con	nfirmed as part of any request for deferral of remediation.						
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility						
☐ Extents of contamination must be fully delineated.							
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.						
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of						
Printed Name: Jim Raley	Title: Environmental Professional						
Signature: Date:							
email: jim.raley@dvn.com Telephone: <u>575-689-7597</u>							
OCD Only							
Received by:Jocelyn Harimon	Date:11/28/2022						
☐ Approved ☐ Approved with Attached Conditions of	Approval						
Signature:	Date:						

2RP. 27A2

NM OIL CONSERVATION

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

ARTESIA DISTRICT

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 JAN 16 2015 Revised August 8, 2011

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

RECEIVED

Release Notification and Corrective Action												
NAB/5	0165	5607	,			OPERA	ΓOR		Initia	al Report		Final Report
Name of Co		RKI E&P, L		24628		Contact	Zack Laird					
Address Facility Nan				C, OK 73102			lo. 405-742-26 e : Tank Battery					
			mering 3				e . Tank Battery				. <u> </u>	
Surface Owi	ner Feder	al		Mineral C)wner	NA				30-015-2		425
				LOCA	ATION	OF REI	LEASE	(UCB	H WW	-ea.	#3)
Unit Letter	Section	Township	Range	Feet from the	North/	orth/South Line Feet from the East/West Line County						
A	25 ,	26S	29E		660 FS	660 FSL 1980FWL Eddy						
			Latit	ude: 32.007240	348386	Longitude	e: -103.9400953	27473				
				NAT	TURE	OF RELI						
Type of Relea	ise. Produc	ced Water/Oil				Volume of Bbls	Release: 10oil/40	0water	Volum	e Recovered	: 80il/:	35water Bbls
Source of Rel	ease Tank	cs overran due	to pump s	salt-off		Date and H	lour of Occurrenc			nd Hour of I		ry
Was Immedia	te Notice (riven?					prior to 0800hrs Whom? N/A	MT	01/07/1	15 – 0800hrs	MT	
was minicula	ile Notice (_	Yes 🗵	No 🗌 Not R	equired	11 123, 10	WHOIII: IV/A					
By Whom? N						Date and I-						
Was a Watero	course Read		Yes ⊠] No		If YES, Vo	lume Impacting t	he Watero	ourse.			
If a Watercou	rse was Im	pacted, Descr	ibe Fully.*	N/A		<u> </u>				-		
		, , , , , , ,	,									
Describe Cau	se of Probl	em and Reme	dial Action	n Taken.*								
					SWD we	ell, salted off	and tanks ran ove	er. All flui	ds conta	ined in seco	ndary c	containment
Wells produc alarms/shutdo			were shut-	in, vac trucks reco	overed fr	ee fluid and p	oump repairs were	e made. P	lan to ins	stall high-lev	/el	
Describe Area Affected and Cleanup Action Taken.*												
All fluid remained in secondary containment berm, 43/50Bbls spilled were recovered.												
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.												
	<i>.</i>	· ·	· t	1			OIL CON	<u>SERVA</u>	TION	DIVISIO	N	
Signature:	Signature: Approved by Environmental Specialist:											
Printed Name	: Zack La	ird					/ /	/ !	172	eff	110	
Title: Sr. EH	S Manager					Approval Da	te: 1/1/ce/1	5 Ex	piration	Date:	VA	
E-mail Addre	ess: ZLaird	l@rkixp.com				Conditions o	f Approval:			Attached		
Date: 01/15	/15		Phone	: 405-987-2213	Henr Henr	reciation MIT RFM	per O.C.D. Ru FDIATION PE	3UBUe: 1168 & C	illeblui Al No	nes		· ·

ATER THAN: 2/16/15

* Attach Additional Sheets If Necessary

<u>District I</u> 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	nAB1501655607
District RP	2RP-2742
Facility ID	
Application ID	

Release Notification

			Res	ponsi	ible Party	y		
Responsible Party: WPX Energy Permian, LLC				OGRID: 246289				
Contact Name: Jim Raley				Contact Te	elephone: 575- 6	89-7597		
Contact ema	il: jim.raley	@dvn.com			Incident #	(assigned by OCD)	nAB1501655607	
Contact mai	ling address:	: 5315 Buena Vist	a Dr, Carlsbad, N	M, 882				
			Location	of R	Release So	ource		
Latitude 32	2.005892		(NAD 83 in de	ecimal de	Longitude _egrees to 5 decim	-103.944861 nal places)		
Site Name: E	Brushy Creek	Gathering Station	1		Site Type:	Tank Battery		
Date Release	Discovered	01/07/15			API# (if app	licable) 30-015	i-24451	
Unit Letter	Section	Township	Range		Coun			
М	25	26S	29E	Eddy	/			
	Materia	Federal T	Nature an	d Vo	lume of I		volumes provided below)	
Crude Oi		Volume Release			Volume Recovered (bbls) 8			
N Produced	l Water	Volume Release	ed (bbls) 40			Volume Recovered (bbls) 35		
		Is the concentra produced water	tion of dissolved >10,000 mg/l?	chlorid	e in the	☐ Yes ☐ No N/A		
Condens	ate	Volume Release	ed (bbls)			Volume Recovered (bbls)		
Natural (Gas	Volume Release	ed (Mcf)			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units				le units	Volume/Weight Recovered (provide units)			
and release containment	amp, which a approximate berm. WPX	ely 10 barrels (bb	ols) of crude oil in producing well truck.	and 40	bbls of procegin repairs an	duced water. A and 8 bbls of cruc volume (ft^3)) well, salted off, causing tanks to overfill ll fluids remained within the secondary de oil and 35 bbls of produced water (43 mated soil porosity(%)	

Received by OCD: 11/28/2022 2:16:41 PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

te of New Mexico

Incident ID	nAB1501655607
District RP	2RP-2742
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release? The volume release was greater than 25 bbls.
X Yes ☐ No	
If YES, was immediate no	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? No.
Notice was given by Zack	Laird (RKI) to NMOCD - Heather Patterson via email on 1/16/2015.
	Initial Response
The responsible p	party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.
	s been secured to protect human health and the environment.
Released materials ha	we been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain why:
Per 10 15 20 8 R (4) NM	AC the responsible party may commence remediation immediately after discovery of a release. If remediation
has begun, please attach a	a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and
	required to report and/or file certain release notifications and perform corrective actions for releases which may endanger nent. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have
	ate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In f a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
and/or regulations.	ta e i i i report dete net reneve die operator or responsionally for companies what any other redectar, state, or recar tame
Printed Name:Jim Rale	ey Title: Environmental Professional
Signature: 12 Ry	Date:11/28/2022
email: jim.raley@dvn.c	
OCD Only	
Received by:	Date:

	Page 9 of	<i>51</i>
Incident ID	nAB1501655607	
District RP	2RP-2742	
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?	_51-100_ (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?	X 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?	X 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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	

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.

Received by OCD: 11/28/2022 2:16:41 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

	Page 10 of 51
Incident ID	nAB1501655607
District RP	2RP-2742
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 Professional

Date: 11/28/2022

email: jim.raley@dvn.com

Telephone: 575-689-7597

Date: _______

Date: _______

Date: _______

Date: _______

2d by OCD: 11/28/2022 2:16:41 PM State of New Mexico

Incident ID	NAB1501655607
District RP	2RP-2742
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.
□ Detailed description of proposed remediation technique	
Scaled sitemap with GPS coordinates showing delineation point	S
☑ Estimated volume of material to be remediated	
Proposed schedule for remediation (note if remediation plan tim	eline is more than 90 days OCD approval is required)
<u>Deferral Requests Only</u> : Each of the following items must be con	firmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around pr deconstruction.	oduction equipment where remediation could cause a major facility
☐ Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	a, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name:	Title: Environmental Professional
Signature: An Roy	Date:11/28/2022
email: jim.raley@dvn.com	Telephone: <u>575-689-7597</u>
OCD Only	
Received by:	Date:
☐ Approved ☐ Approved with Attached Conditions of	Approval
Signature:	Date:

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

Form C-141 Revised August 8, 2011

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

Release Notification and Corrective Action **OPERATOR** Final Report RKI E&P. LLC Contact Taylor Jones 210 Park Ave. - Ste. 900, OKC. Telephone No. 405-996-5782 Facility Name: Brushy Creek Gathering Station Facility Type: Tank Battery Surface Owner Federal Mineral Owner NA API No. 30-015-24451 LOCATION OF RELEASE Feet from the Unit Letter North/South Line East/West Line Section Township Range Feet from the County 26S 29E 25 660 FSL 1980FWL Eddy Latitude: 32.007240348386 Longitude: -103.940095327473 NATURE OF RELEASE Type of Release. Produced Water/Oil Volume of Release: 10il/10water Volume Recovered: 00il/10water Bbls Bbls Source of Release Tanks overran Date and Hour of Occurrence Date and Hour of Discovery 01/22/15 - 0800hrs MT 01/22/15 - prior to 0800hrs MT Was Immediate Notice Given? If YES, To Whom? N/A ☐ Yes ☐ No ☒ Not Required By Whom? N/A Date and Hour N/A Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes 🖾 No N/A NM OIL CONSERVATION If a Watercourse was Impacted, Describe Fully.* N/A ARTESIA DISTRICT Describe Cause of Problem and Remedial Action Taken.* FEB **0.5** 2015 More water was put into system and trucking company failed to haul sufficient loads away. RECEIVED Shut in wells and let station pump down. Had vac truck within 1 hour to suck up water out of containment. Describe Area Affected and Cleanup Action Taken.* All fluid remained in secondary containment berm, 10/11Bbls spilled were recovered. 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. OIL CONSERVATION DIVISION Signature: Approved by Environmental Specialist: Printed Name: Taylor Jones Approval Date: 2 Expiration Date: Title: EHS Systems Specialist E-mail Address: TJones@rkixp.com Conditions of Approval: Attached Remediation per O.C.D. Rules & Guidelines Date: 02/05/15 Phone: 405-996-5782 SUBMIT REMEDIATION PROPOSAL NO * Attach Additional Sheets If Necessary 2RP-2796 LATER THAN: 30

<u>District I</u> 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	nAB1504054780
District RP	2RP-2796
Facility ID	
Application ID	

Release Notification

			Resp	ponsi	bie Party	y		
Responsible Party: WPX Energy Permian, LLC		OGRID: 2	46289					
Contact Name: Jim Raley		Contact Telephone: 575- 689-7597						
Contact ema	il: jim.raley	@dvn.com			Incident #	(assigned by OCD) n		
Contact mai	ling address:	: 5315 Buena Vista	Dr, Carlsbad, N	M, 882				
			Location	of R	Release So	ource		
Latitude 32	2.005892		(NAD 83 in de	ecimal de	Longitude _ grees to 5 decin	-103.944861		_
Site Name: B	rushy Creek	Gathering Station	<u> </u>		Site Type:	Tank Battery		
Date Release	Discovered	01/22/15			API# (if app	olicable) 30-015-		
Unit Letter	Section	Township	Range		Coun	nty		
М	25	26S	29E	Eddy	,			
	Materia		Nature and	d Vo	lume of I	justification for the v	olumes provided below)	
Crude Oi		Volume Release	ed (bbls) 1				ered (bbls) None	
□ Produced	Water	Volume Release	. 0			Volume Recove	ered (bbls) 10	
		Is the concentrate produced water	tion of dissolved o >10,000 mg/l?	chloride	e in the	Yes No	N/A	
Condensa	ate	Volume Release				Volume Recove	ered (bbls)	
Natural C	Gas	Volume Release	ed (Mcf)			Volume Recove	ered (Mcf)	
Other (de	escribe)	Volume/Weight	Released (provid	le units))	Volume/Weigh	t Recovered (provide units)	
release of ap	ransferred ir proximately berm. WPX	1 bbl of crude oil 4 immediately shu 5 saturated so	and 10 bbls of protein in producing w	oduced vells an	water. All re	eleased fluids rem f free fluid were	ucking company, causing a nained within the secondary recovered using a vacuum	

Page 14 of 51

Incident ID	nAB1504054780
District RP	2RP-2796
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	sible party consider this a major release?
☐ Yes 🛛 No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	Initial Ro	esponse
The responsible	party must undertake the following actions immediatel	vunless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	we been contained via the use of berms or d	ikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and	I managed appropriately.
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	required to report and/or file certain release noti ment. The acceptance of a C-141 report by the C ate and remediate contamination that pose a thre	pest of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
	еу	Title: Environmental Professional
Signature: In Rife		Date:
email: jim.raley@dvn.c		Telephone: <u>575-689-7597</u>
OCD Only		
Received by:		Date:

of New Mexico

Incident ID	nAB1504054780
District RP	2RP-2796
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?	51-100 (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 				

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.

Photographs including date and GIS information

☐ Laboratory data including chain of custody

Boring or excavation logs

Topographic/Aerial maps

Received by OCD: 11/28/2022 2:16:41 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Page .	16 oj	f 51
		_

Incident ID	nAB1504054780
District RP	2RP-2796
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 Signature:	Title: Environmental Professional Date: 11/28/2022			
email: _jim.raley@dvn.com	Telephone: <u>575-689-7597</u>			
OCD Only				
Received by:	Date:			

Incident ID nAB1504054780
District RP 2RP-2796
Facility ID Application ID

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.				
Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)				
Deferral Requests Only: Each of the following items must be conj	firmed as part of any request for deferral of remediation.			
Contamination must be in areas immediately under or around prodeconstruction.	eduction equipment where remediation could cause a major facility			
Extents of contamination must be fully delineated.				
Contamination does not cause an imminent risk to human health,	the environment, or groundwater.			
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 Professional			
Signature: Im Rily	Date:11/28/2022			
email: jim.raley@dvn.com	Telephone: <u>575-689-7597</u>			
OCD Only				
Received by:	Date:			
Approved	Approval			
Signature:	Date:			

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 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

2RP.3195

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

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

Release Notification and Corrective Action NAB1522341642 **OPERATOR** Initial Report Final Report Name of Company RKI E&P, LLC Contact Zack Laird 210 Park Ave. - Ste. 900, OKC, OK 73102 Telephone No. 405-987-2213 Facility Name: Brushy Creek Gathering Station Facility Type: Tank Battery API No. 30-015-24451 Surface Owner Federal Mineral Owner NA LOCATION OF RELEASE Unit Letter Section Feet from the North/South Line Feet from the East/West Line Township Range County 25 **26S** 29E 660 FSL 660FWL Eddy Latitude: 32.0070152 Longitude: -103.9444 NATURE OF RELEASE Type of Release. Produced Water Volume of Release: 200 Bbls Volume Recovered: 185 Bbls Source of Release Tanks overran Date and Hour of Occurrence Date and Hour of Discovery 08/10/15 - prior to 0800hrs MT 08/10/15 - 0800 hrs MTWas Immediate Notice Given? If YES, To Whom? Heather Patterson and Shelly Tucker (BLM) By Whom? Zack Laird Date and Hour 08/10/15 - 12p CT Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes 🛛 No If a Watercourse was Impacted, Describe Fully.* N/A NM OIL CONSERVATION Describe Cause of Problem and Remedial Action Taken.* ARTESIA DISTRICT Water pump tripped and tanks ran over. Alarm was not sent due to faulty modem. AUG 10 2015 Pump reset and vac trucks dispatched to recover free fluids. Describe Area Affected and Cleanup Action Taken.* RECEIVED All fluid remained in secondary containment, 185/200Bbls recovered 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. OIL CONSERVATION DIVISION Signature: Approved by Environmental Specialist: Printed Name: Zack Laird Title: Sr. EHS Manager Approval Date: (Expiration Date: E-mail Address: Zlaird@rkixp.com Conditions of Approval: Attached [mediation per O.C.D. Rules & Guidelines Date: 08/10/15 Phone: 405-987-2213 SUBMIT REMEDIATION PROPOSAL NO ATER THAN: * Attach Additional Sheets If Necessary

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	nAB1522341642
District RP	2RP-3195
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: jim.raley@dvn.com			Incident #	(assigned by OCD) nAB1522341642		
Contact mail	ing address:	5315 Buena Vista	a Dr, Carlsbad, N	M, 882	20	
			Location	of R	Release S	ource
Latitude 32	2.005892				Longitude	-103.944861
			(NAD 83 in d	ecimal de	grees to 5 decir	nal places)
Site Name: B	rushy Creek	Gathering Station	1		Site Type:	Tank Battery
Date Release	Discovered	08/10/15			API# (if app	olicable) 30-015-24451
Unit Letter	Section	Township	Range		Cour	nty
М	25	26S	29E	Eddy	,	
Surface Owner	r: State	Federal T	ribal 🗌 Private ((Name:)
			Nature an	d Vo	lume of 1	Release
	Mataria	1(a) Dalagad (Salagt a	Il that amply and attac	ما مما میام	tiana an anaaifia	justification for the volumes provided below)
Crude Oil	IVIAICIIA	Volume Release		ii caicula	nons of specific	Volume Recovered (bbls)
Noduced Produced	Water	Volume Release	ed (bbls) 200		Volume Recovered (bbls) 185	
	Is the concentration of dissolved chloride		le in the Yes No			
Condensa	te	Produced water Volume Release				Volume Recovered (bbls)
Natural G	Natural Gas Volume Released (Mcf)			Volume Recovered (Mcf)		
	Other (describe) Volume/Weight Released (provide units)		` '			
	,	8	u	,	,	, u
Cause of Rel	ease:					
releasing app within the se	oroximately condary co	200 bbls of produ	aced water on to berm. WPX im	the surf mediate	face of the well shut in	nalfunction which caused tanks to overflow, well pad. All released fluids remained producing wells to begin repairs and 185 $\frac{ted\ soil\ volume\ (ft^3)}{t^3} * estimated\ soil\ porosity(\%)$

Page 20 of 51

Incident ID	nAB1522341642
District RP	2RP-3195
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respon	sible party consider this a major release?		
19.15.29.7(A) NMAC?	The volume release was greater than 25 bb	ls.		
X Yes ☐ No				
If YES, was immediate no	Lotice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?		
Immediate notice was by	Zack Laird (RKI) to NMOCD - Heather Pat	terson, BLM - Shelly Tucker via email on 8/10/2015.		
	Initial Re	sponse		
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 rele	ease has been stopped.			
	s been secured to protect human health and	the environment.		
	_	ikes, absorbent pads, or other containment devices.		
★ All free liquids and red	ecoverable materials have been removed and	managed appropriately.		
If all the actions described	d above have <u>not</u> been undertaken, explain w	rhy:		
has begun, please attach	a narrative of actions to date. If remedial e	mediation immediately after discovery of a release. If remediation fforts have been successfully completed or if the release occurred ease attach all information needed for closure evaluation.		
I hereby certify that the info	rmation given above is true and complete to the b	est of my knowledge and understand that pursuant to OCD rules and		
regulations all operators are public health or the environment	required to report and/or file certain release notif	ications and perform corrective actions for releases which may endanger CD 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 and/or regulations.	f a C-141 report does not relieve the operator of r	esponsibility for compliance with any other federal, state, or local laws		
Printed Name: Jim Rale	еу	Title: Environmental Professional		
Signature: Jin Ray		Date:		
email: jim.raley@dvn.c	com	Telephone: <u>575-689-7597</u>		
OCD Only				
Received by:		Date:		

	Page 21 of 5	1
Incident ID	nAB1522341642	
District RP	2RP-3195	
Facility ID		
Application ID		

Site Assessment/Characterization

This information must be provided to the appropriate district office no later man 20 days after the release discovery date.			
What is the shallowest depth to groundwater beneath the area affected by the release?	<u>51-100</u> (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 			

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.

Received by OCD: 11/28/2022 2:16:41 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

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Page	1.1.	വ	7.7
1 1150		v_{J}	01

Incident ID	nAB1522341642
District RP	2RP-3195
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the regulations all operators are required to report and/or file certain release not public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a threaddition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations.	ifications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have eat to groundwater, surface water, human health or the environment. In
Printed Name: Jim Raley	Title: Environmental Professional
Signature: /in Rilly	Date:11/28/2022
email: _jim.raley@dvn.com	Telephone: <u>575-689-7597</u>
OCD Only	
Received by:	Date:

	Page 23 of	<i>51</i>
Incident ID	nAB1522341642	
District RP	2RP-3195	
Facility ID		
Application ID		

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	included in the plan.
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation points ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.1 ☑ Proposed schedule for remediation (note if remediation plan times) 	2(C)(4) NMAC
Deferral Requests Only: Each of the following items must be con	firmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around predeconstruction.	oduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.
I hereby certify that the information given above is true and complet rules and regulations all operators are required to report and/or file c which may endanger public health or the environment. The acceptant liability should their operations have failed to adequately investigate surface water, human health or the environment. In addition, OCD are sponsibility for compliance with any other federal, state, or local lates.	ertain release notifications and perform corrective actions for releases nce of a C-141 report by the OCD does not relieve the operator of and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Jim Raley	Title: Environmental Professional
Signature: In Ply	Date:11/28/2022
email: _jim.raley@dvn.com	Telephone: _575-689-7597
OCD Only	
Received by:	Date:
☐ Approved ☐ Approved with Attached Conditions of A	Approval
Signature:	Date:

Page 24 of 51

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-141

Revised August 8, 2011

JUL 28 2016

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

<u>District 1</u> 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

Oil Conservation Division 1220 South St. Francis Dr.

State of New Mexico

Energy Minerals and Natural Resources

1220 S. St. Fran	cis Dr., Santa	1 PC, NM 87503)	Sa	ınta Fe	e, NM 875	05					
Release Notification and Corrective Action												
nAB1621453181 OPERATOR Initial Report Final Report												
Name of Company WPX Energy Inc/RKI 24-0389 Co							Contact Karolina Blaney					
							No. 970 589 074					
Facility Nar	ne: Brushy	Draw Boos	ster Static	n/Fed UCBHW			e: Tank Farm					
Surface Ow	ner: Feder	ral		Mineral C	wner:	Federal		··· I	API No	0. 30- 015-2	4034	1
				'		N OF REI	FASE	L				
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/Wc	st Line	County		
М	25	26S	29E	660	FSL		660	FWL	Eddy			
141		200	·	. 		Longitud				Ludy		
				Latitude: 32.005 NAT		OF REL	e: -103.944433 EASE	W				
Type of Rele	ase. Produc	ced Water					Release: 380 Bbl	ls	Volum	e Recovered	: 340) BhIs
Source of Re	lease			•			our of Occurrence	e		nd Hour of L		
Pipeline valv						713/2016	1111 0		7/13/20	016 – 2345 h	rs M	T
Was Immedia	ate Notice C		Yes [No Not Re	equired	If YES, To NMOCD I	whom? Heather Patterson	& Michae	l Bratche	er, BLM She	lly T	ucker
By Whom? K	Carolina Bla	incv	•			Date and h	lour: 7/14/16– 16	45 hrs MT	1			
Was a Water				·			olume Impacting (
] Yes 🗵] No		N/A						
If a Watercou	irse was Im	pacted, Desci	ibe Fully.	* N/A			<u></u>					
Describe Cau	se of Probl	em and Reme	dial Actio	n Taken.*			· · · · · · · · · · · · · · · · · · ·					
											,	SAL - 11 1-
The cause of the spill is equipment failure; a poly line running from the tank farm to an injection well ruptured. The compromised section of the line is												
	located outside the SPCC containment but there was enough pressure in the line to spray it into the containment. The vast majority of spilled water was contained inside the dirt containment berm, approximately 5 bbls of produced water was sprayed outside the containment on the access road.											
					•							
Describe Are	a Affected	and Cleanup	Action Tal	ken.*								
The impacted area of the access road was scraped and impacted dirt was hauled off to a disposal facility. The access road will be sampled for BTEX and												
TPH in accor	dance with	NM OCD Gu	uidelines f	or Remediation of	Leaks,	Spills, and R	cleases. The impa	cted area	will also	be sampled	for cl	ilorides as
				ased on these rest					he site w	ill be remed	iated	to levels
specifica in t	-9 column	or the Outger	mes docur	nent. This spill die	ımpacı	t any undistui	neu fand/pastures	•				
I hereby certi	fy that the i	information g	iven abov	e is true and comp	lete to t	he best of my	knowledge and u	inderstand	that pur	suant to NM	OCD	rules and
				nd/or file certain r								
public health	or the envi	ronment. The	e acceptan	ce of a C-141 repo	ort by th	e NMOCD m	ion that pose a thr	ceport" doe	es not rel	neve the oper	rator ster l	of Hability
	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.					,							<u> </u>
	Kamlina	Rland					<u>OIL CON</u>	<u>SERVA</u>	TION	DIVISIO	<u>)N</u>	
Signature:	rumwna	Maney						ا م		,		
						Approved by	Signed R Environmental S	To Calife	14 B)	consider		
Printed Name	e: Karolina	Blancy		···-			امدا.				-	
Title: Enviro	onmental Sp	occialist				Approval Da	te: 71281	LO E	piration	Date: N	<u>A</u>	
E mail Adde	nee: Karali	na blanav@	nvanara	com		Conditions	f Approval:			lalines		
E-mail Address: Karolina.blancy@wpxenergy.com Conditions of Approval Conditions of Approval Remediation per O.C.D. Rules & Guidelines Remediation per O.C.D. Rules & Guidelines												

* Attach Additional Sheets If Necessary

Phone: 970-589-0743

Date: 7/28/2016

<u>District I</u> 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	nAB1621453181
District RP	2RP-3811
Facility ID	
Application ID	

Release Notification

			Resp	onsi	ible Party	y			
Responsible Party: WPX Energy Permian, LLC					OGRID: 246289				
Contact Name: Jim Raley					Contact Telephone: 575- 689-7597				
Contact ema	il: jim.raley(@dvn.com			Incident #	(assigned by OCD)	nAB1621453181		
Contact mail	ing address:	5315 Buena Vista	a Dr, Carlsbad, NI	M, 882	220				
			Location	of R	Release So	ource			
Latitude 32	2.005892				Longitude	-103.944861			
			(NAD 83 in de	ecimal de	egrees to 5 decim	nal places)			
Site Name: B	rushy Draw	Booster Station/F	ed UCBHWW 1		Site Type:	Tank Farm			
Date Release	Discovered	07/13/16			API# (if app	licable) 30-015	5-24034		
Unit Letter	Section	Township	Domas		Coun	4	1		
		Township	Range			ty			
М	25	26S	29E	Eddy	/				
Surface Owner	r: State	▼ Federal □ Ti	ribal Private (A	Name:)		
			Nature and	d Vo	lume of F	Release			
	Mataria	1(-) D -1 1 (C -14 -)	11 41 -4 1 1 -441	1 1 .	4:	:4:6:4:641			
Crude Oi		Volume Release		1 calcula	tions or specific	Volume Reco	vered (bbls)		
☑ Produced	Water	Volume Release	ed (bbls) 380			Volume Recovered (bbls) 340			
Is the concentration of dissolved chloric produced water >10,000 mg/l?			chlorid	e in the	he Yes No N/A				
Condensa	ite	Volume Release				Volume Recovered (bbls)			
Natural G	ias	Volume Release	ed (Mcf)			Volume Recovered (Mcf)			
Other (describe) Volume/Weight Released (provide unit		e units	3)	Volume/Weig	tht Recovered (provide units)				
compromised containment.	of the spild section of The vast ma	the line is located	outside the SPCO vater was contained	C conta ed insid	ainment but the de the dirt cor	here was enoug ntainment berm,	rm to an injection well ruptured. The the pressure in the line to spray it into the paper approximately 5 bbls of produced water and the soil porosity (%) + recoverd fluids (bbls)		

Page 26 of 51

Incident ID	nAB1621453181
District RP	2RP-3811
Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?	The volume release was greater than 25 hhls
	The volume release was greater than 25 bbls.
☐ Yes ☐ No	
1	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? e notice was by Karolina Blaney (WPX) to NMOCD - Heather Patterson & Michael Bratcher, BLM - Shelly
	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 rele	ease has been stopped.
The impacted area ha	as been secured to protect human health and the environment.
Released materials ha	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and r	ecoverable materials have been removed and managed appropriately.
If all the actions describe	d above have <u>not</u> been undertaken, explain why:
D. 10.15.20.0 D. (4) NN.	
has begun, please attach	AC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the info	rmation 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
	ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have gate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of	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.	
	ey Title: Environmental Professional
Signature: In River	Date: _11/28/2022
Signature. / /	Bate
email: jim.raley@dvn.o	Telephone: <u>575-689-7597</u>
OCD Only	
Received by:	Date:
I	

	I ugc m/ oj .
Incident ID	nAB1621453181
District RP	2RP-3811
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?	<u>51-100</u> (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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
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 wel	ls.

Characterization Report Checklist: Each of the following items must be included in the report.	
Character Education Action to the Control of the John William State of the Control of the Contro	
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	
Za Zarorutory 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.

Received by OCD: 11/28/2022 2:16:41 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Page	28	of	51

Incident ID	nAB1621453181
District RP	2RP-3811
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 Professional						
Signature: And Reference Signature:	Date: 11/28/2022						
email: _jim.raley@dvn.com	Telephone: <u>575-689-7597</u>						
OCD Only							
Received by:	Date:						

	Page 29 of	<i>51</i>
Incident ID	nAB1621453181	
District RP	2RP-3811	
Facility ID		
Application ID		

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation point ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.1 	
Proposed schedule for remediation (note if remediation plan times)	
Deferral Requests Only: Each of the following items must be con	stirmed as part of any request for deferral of remediation
	oduction equipment where remediation could cause a major facility
Extents of contamination must be fully delineated.	
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of
Printed Name: Jim Raley	Title: Environmental Professional
Signature: 1 Page 1	Date: 11/28/2022
email: _jim.raley@dvn.com	Telephone: <u>575-689-7597</u>
OCD Only	
Received by:	Date:
☐ Approved ☐ Approved with Attached Conditions of	Approval
Signature:	Date:

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 NM OIL CONSERVATION
ARTESIA DISTRICT

Form C-141 Revised August 8, 2011

NOV 2 9 2016 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

RECEIVED

					inta i C	, 1114 075	<u> </u>					
			Rel	ease Notific	ation	and Co	orrective A	ction				
MABI	1/233/	03944	20		, '	OPERA	ΓOR	∇] Initia	al Report		Final Report
Name of Co		WPX Energ		1 24/1280		Contact	Karolina Blan	ney				
Address		ena Vista D					No. 970 589 074	13				
Facility Nar	ne: Brushy	Draw Boos	ster Statio	n/Fed UCBHW	<u>W 1 1</u>	Facility Typ	e: Tank Farm					
Surface Ow	ner: Fedei	ral		Mineral C	wner: Į	Federal			API No	. 30- 015-2	4034	
				LOCA	MOITA	ν <mark>ΩF</mark> REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/Wes	t Line	County		
M	25	26S	29E	660	FSL	* * *	660	FWL		Eddy		
141	L	203	•	-		.			···	Ludy		
			J	Latitude: 32.005		Longitud OF REL	e: -103.944433 FASE	W				
Type of Relea	ase Produc	red Water		IVAI	UKE		Release: 120 Bbl	<u> </u>	Volum	e Recovered	200	Rhis
Source of Re		ocu water		 .	-	 	lour of Occurrence			d Hour of I		
Produced wa	ter tank					11/13/2010	5			2016 – 1420		
Was Immedia	ate Notice C		Yes [No Not Re	equired	If YES, To NMOCD I	Whom? Ieather Patterson	& Michael	Bratche	er, BLM She	lly Tu	ker
By Whom? K							Iour: 11/14/16– 1					
Was a Water	course Reac	hed?	Yes 🗵	1 No		If YES, Vo	olume Impacting t	he Waterco	ourse.			İ
<u> </u>						IN/A						
If a Watercou	irse was Im	pacted, Descr	ibe Fully.	* N/A								
Describe Cau	ise of Proble	em and Reme	dial Actio	n Taken.*								ı
The cause of	this spill is	equipment fa	ilure; a cre	oss arm on an elec	tric post	failed which	cut off power suj	pply to the	water tr	ansfer pump	. Addit	ionally, the
ESD float go	t stuck, didr	t trigger the	high wate	r alarm notificatio	n and die	dn't shut in th	ne system.					
Describe Are	a Affected	and Cleanup	Action Tal	ken.*								
*		_					•				•	
The spill was (estimated at	contained i	inside dirt SP Is of stormwa	CC contai ter) The i	nment berm. 200 l mpacted area was	obis of p sampled	roduced wate	er and stormwater s. BTEX and TPI	were reco	vered fro ance wit	om the secon	ndary c Guide	ontainment lines for
				X will submit a w								
The total rani	king score f	or this site is	O and the	site will be remedi	isted to I	evels specifi	ed in 0-9 column	of the Guid	lelines d	ocument		
The total rain	anig score i	or this site is	o and the	site will be remedi	iaicu io i	eveis specifi		or the Guid	icinics d			
				e is true and comp								
				nd/or file certain r ce of a C-141 repo								
should their	or the chivin	ave failed to	adequately	y investigate and r	emediate	e contaminati	on that pose a thr	eat to grou	nd water	r, surface wa	iter, hu	man health
or the environ	nment. In a	ddition, NMC	OCD acce	otance of a C-141	report de	oes not reliev	e the operator of	responsibil	ity for c	ompliance v	vith an	y other
federal, state,	or local lav	ws and/or regi	ulations.	· <u>·</u>		· .	OH CON	OPDA/A	TION	DIVICIO	NT.	
	Kamlina	Blaney			1		OIL CON	<u>SER V A</u>	HUN	DIAISIC	<u> </u>	
Signature:		d					•					
Drintad Name	a. Karalina	Planey				Approved by	Enviro stigned S	pecialie	kg &	LINES/LAN		
Printed Name	c. Natuilla	ышсу			-+		1				<u> </u>	
Title: Enviro	onmental Sp	ecialist				Approval Da	te: / 3 /30///	Ex	piration	Date: N	1	
E-mail Addre	ess: Karolir	na.blanev@w	pxenergy.	com		Conditions o	f Approval:				m/	
		<u> </u>					• •			Attached	Ψ	
Date: 11/28	/2016		Pho	na. 070_580_0743						1		

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	nAB1633639499
District RP	2RP-4011
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party: WPX	K Energy Permian,	, LLC		OGRID: 24	16289		
Contact Nan	Contact Name: Jim Raley					Contact Telephone: 575- 689-7597		
Contact ema	il: jim.raley	@dvn.com			Incident # ((assigned by OCD) nAB1633639499		
Contact mai	ling address:	: 5315 Buena Vist	ta Dr, Carlsbad, N	NM, 8822	0			
			Location	n of Ro	elease So	ource		
Latitude 32	2.005892		(NAD 83 in a] decimal deg	Longitude _ rees to 5 decim	-103.944861 al places)		
Site Name: B	rushy Draw	Booster Station/F	Fed UCBHWW 1		Site Type:	Гank Farm		
Date Release	Discovered	11/13/2016			API# (if appl	licable) 30-015-24451		
Unit Letter	Section	Township	Range		Coun	ty		
М	25	26S	29E	Eddy				
	Materia	al(s) Released (Select a	Nature an			Release justification for the volumes provided below)		
Crude Oi		Volume Released		ch calculation	ons or specific	Volume Recovered (bbls)		
Noduced Produced	Water	Volume Releas	ed (bbls) 120			Volume Recovered (bbls) 200		
		Is the concentrate produced water	ation of dissolved >10,000 mg/l?	chloride	in the	☐ Yes ☐ No N/A		
Condensa	ate	Volume Releas	ed (bbls)			Volume Recovered (bbls)		
☐ Natural C		Volume Releas				Volume Recovered (Mcf)		
Other (de	escribe)	Volume/Weigh	t Released (provi	de units)		Volume/Weight Recovered (provide units)		
Cause of Rel	ease:	1						
transfer pum	p. Additiona		at got stuck, didn	't trigger	the high wa	ed which cut off power supply to the water alarm notification and didn't shut in the		

-	aa	a	~	,	01	
	42		.,7	~	(/)	
	0				-,,	

Incident ID	nAB1633639499
District RP	2RP-4011
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible. The volume release was greater than 25 b	
` '	The volume release was greater than 25 o	010.
Yes No		
If YES, was immediate n	otice given to the OCD? By whom? To w	hom? When and by what means (phone, email, etc)?
Immediate notice was by	Karolina Blaney (WPX) to NMOCD - Hear	ther Patterson & Michael Bratcher, BLM - Shelly Tucker
via email on 11/14/2016.		
	Initial R	esponse
The responsible	party must undertake the following actions immediated	ly unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stonned	
	as been secured to protect human health and	the environment
1	-	
<u> </u>	ecoverable materials have been removed an	dikes, absorbent pads, or other containment devices.
-		
If all the actions describe	d above have <u>not</u> been undertaken, explain	wny:
Don 10 15 20 9 D (4) NIV	IAC the week and it is mostly many common as a	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 blease attach all information needed for closure evaluation.
I hereby certify that the info	rmation given above is true and complete to the	best of my knowledge and understand that pursuant to OCD rules and
		fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have
failed to adequately investig	ate and remediate contamination that pose a three	eat to groundwater, surface water, human health or the environment. In
addition, OCD acceptance o and/or regulations.	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.		
	ey	
Signature: In Ply		Date:
email: _jim.raley@dvn.c	com	Telephone: <u>575-689-7597</u>
OCD Only		
Received by:		Date:

	Page 33 of 3	51
Incident ID	nAB1633639499	
District RP	2RP-4011	
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?	<u>51-100</u> (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 		

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.

Topographic/Aerial maps

☐ Laboratory data including chain of custody

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	Page 34 of 5.
Incident ID	nAB1633639499
District RP	2RP-4011
Facility ID	

Application ID

	Page 35 of	51
Incident ID	nAB1633639499	
District RP	2RP-4011	
Facility ID		
Application ID		

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.			
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation points ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC ☑ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 			
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.			
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.			
Extents of contamination must be fully delineated.			
Contamination does not cause an imminent risk to human health, the environment, or groundwater.			
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 Professional		
Signature:	Date:11/28/2022		
email: jim.raley@dvn.com	Telephone: <u>575-689-7597</u>		
OCD Only			
Received by:	Date:		
☐ Approved ☐ Approved with Attached Conditions of A	Approval		
Signature:	Date:		



REMEDIATION WORK PLAN

Site Location:

Brushy Gathering Facility Eddy County, New Mexico Incident Numbers: nAB1504655607 nAB1504054780 nAB1522341642 nAB1621453181 nAB1633639499 nAPP2230032326

November 18, 2022 Ensolum Project No. 03A1987009

Prepared for:

WPX Energy Permian, LLC 5315 Buena Vista Dr. Carlsbad, NM 88220 Attention: Jim Raley

Prepared by:

Joseph S. Hernandez Senior Geologist Ashley L. Ager, M.S., P.G.

Principal

Page i

TABLE OF CONTENTS

1.0	INTRODUCTION	1
	1.1 Site Description and Release Background	1-2
	1.2 Site Characterization and Closure Criteria	2- 3
2.0	REMEDIATION WORK PLAN	3
	2.1 Site Assessment Evaluation	4
3 0	PROPOSED SCHEDULE	Δ

APPENDICES

Appendix A: Figure 1 – Site Map

Figure 2 – Proposed Boring Locations

Appendix B: NMOCD Release Location Correspondence

Appendix C: Groundwater Measurement Form



November 18, 2022

Brushy Gathering Facility
Incident Numbers: nAB1504655607, nAB1504054780, nAB1522341642, nAB1621453181, nAB1633639499 and nAPP2230032326
Remediation Work Plan

Page 1

1.0 INTRODUCTION

Ensolum, LLC (Ensolum) has prepared this Remediation Work Plan (RWP) to address impacts from six historical crude oil and produced water releases associated with the Brushy Gathering Facility (Site) located in Unit M, Section 25, Township 26 South, Range 29 East, in Eddy County, New Mexico (**Figure 1** in **Appendix A**), owned and operated by WPX Energy Permian, LLC (WPX). Based on historical file review and field observations at the Site, WPX respectfully submits this RWP, which summarizes initial response efforts that have occurred and proposes soil assessment and sampling activities to characterize reportable releases of crude oil and/or produced water at the Site.

1.1 Site Description and Release Background

The Site is located within Eddy County, New Mexico (32.005788° N, 103.944837° W) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM) (**Figure 1** in **Appendix A**).

nAB1501655607

On January 7, 2015, a transfer pump, which moves fluids from the gathering battery to the saltwater disposal (SWD) well, salted off, causing tanks to overfill and release approximately 10 barrels (bbls) of crude oil and 40 bbls of produced water. All fluids remained within the secondary containment berm. WPX immediately shut in producing wells to begin repairs and 8 bbls of crude oil and 35 bbls of produced water (43 bbls total) were recovered using a vaccum truck. WPX reported the release to the New Mexico Oil Conservation Division (NMOCD) via email and with a subsequent Corrective Action Form C-141 (Form C-141) on January 16, 2015. The release was assigned Incident Number nAB1501655607.

nAB1504054780

On January 22, 2015, water was transferred into the system at a rate that exceeded the volume hauled off by the trucking company, causing a release of approximately 1 bbl of crude oil and 10 bbls of produced water. All released fluids remained within the secondary containment berm. WPX immediately shut in producing wells and 10 bbls of free fluid were recovered using a vacuum truck. WPX reported the release to the NMOCD via email and with a subsequent Form C-141 on February 5, 2015. The release was assigned Incident Number nAB1504054780.

nAB1522341642

On August 10, 2015, a water pump malfunction occurred due to a faulty modem and caused tanks to overflow, releasing approximately 200 bbls of produced water onto the surface of the well pad. All released fluids remained within the secondary containment earthen berm. WPX immediately shut in producing wells to begin repairs and 185 bbls of produced water were revovered using a vacuum truck. WPX reported the release to the NMOCD via email and with subsequent Form C-141 on August 10, 2015. The release was assigned Incident Number nAB1522341642.

nAB1621453181

On July 13, 2016, a surface poly line from the tank battery to the injection well ruptured, causing approximately 380 bbls of produced water to release onto the surface of the well pad. Although the rupture was outside containment, the majority of the released fluids sprayed into the secondary containment berm and around the tanks. Approximately 5 bbls sprayed onto the well



Page 2

pad outside containment and onto the nearby access road. WPX shut in the injection well to repair the flowline and recovered approximately 340 bbls of produced water from inside the secondary containment berm. Immediately following the release, a response crew performed surface scraping activities and removed potentially impacted soil on the well pad and access road. WPX reported the release to the NMOCD via email and with a subsequent Form C-141 on July 28, 2016. The release was assigned Incident Number nAB1621453181.

nAB1633639499

On November 13, 2016, equipment failure cut off the power supply to the water transfer pump and the high-level alarm malfunctioned, causing a release of approximately 120 bbls of produced water. All released fluids remained within the secondary containment berm. WPX immediately shut in the producing wells to begin repairs and approximately 200 bbls of released fluids combined with accumulated stormwater were recovered. WPX reported the release to the NMOCD via email on November 14, 2016 and submitted a Form C-141 on November 28, 2016. The release was assigned Incident Number nAB1633639499.

Based on incident details, and previously collected data files and/or communication by NMOCD and WPX, an updated Form C-141 (current revision August 24, 2018) with updated release location information is provided in this RWP for Incident Numbers nAB1501655607, nAB1504054780, nAB1522341642, nAB1621453181 and nAB1633639499. NMOCD correspondence is located in **Appendix B**.

nAPP2230032326

On October 19, 2022, the pump went down from loss of power and caused a tank to overflow and release approximately 13 bbls of crude oil. All released fluids remained within the secondary containment berm. WPX reported the release to the NMOCD via email and submitted a Form C-141 on October 27, 2022. The release was assigned Incident Number nAPP2230032326.

1.2 Site Characterization and Closure Criteria

The Site has been characterized to determine applicability of Table 1, Closure Criteria for Soils Impacted by a Release, from Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141s, Site Assessment/Characterization. Potential site receptors are identified on **Figure 1** in **Appendix A**.

Depth to groundwater at the Site is between 51 and 100 feet below ground surface (bgs) based on a recent measurement of depth to groundwater in a nearby water well at the JC Williams Yard, approximately 0.57 miles northwest of the Site. The water well does not appear to have an identification number corresponding to the New Mexico Office of the State Engineer (NMOSE) or United States Geological Survey (USGS) well records. However, Ensolum obtained property access and visibly observed the water well, then measured depth to water on August 15, 2022. Ensolum measured depth to groundwater in the JC William Yard Well as 82.9 feet bgs. The location of the JC Williams well is provided in **Figure 1** in **Appendix A**. The Groundwater Measurement Form summarizing findings is provided as **Appendix C**.

Based on the initial desktop review, the closest continuously flowing or significant watercourse to the Site appears to be an intermittent dry wash, located approximately 166 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is



greater than 1,000 feet from a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is underlain by unstable geology (high potential karst designation area).

Based on the results of the Site Characterization, specifically the proximity to a potential significant watercourse and high potential karst designation, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total Petroleum Hydrocarbon (TPH): 100 mg/kg
- Chloride: 600 mg/kg

2.0 REMEDIATION WORK PLAN

The primary objective of this RWP is to assess the presence or absence of impacts to soil, and if present, to delineate the horizontal and vertical impact extent from the six releases through soil borings and laboratory analysis. The assessment scope of work for this Site is described below and is based on previously mapped release extent(s) or via visual observation by WPX or third-party contractor on the release date or subsequently. **Figure 2** in **Appendix A** depicts the Area of Concern (AOC).

Ensolum proposes using a direct push technology (DPT) drilling rig or a hollow-stem auger drill rig to advance up to four boreholes inside the AOC and a minimum of eight boreholes surrounding the AOC (total of up to 11 boreholes) as shown on **Figure 2** in **Appendix A**. Proposed borehole locations are subject to change based on site conditions or modifications to the Site configuration. Ensolum personnel will collect soil samples from the boreholes at 1-foot intervals and screen for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride utilizing Hach[®] chloride QuanTab[®] test strips. Field screening results and observations for each delineation soil sample will be recorded on lithologic/soil sampling logs.

A total of two soil samples will be collected from each delineation soil sample for laboratory analysis: the sample with the highest observed field screening and the terminus of the borehole. The soil samples will be placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples will be transported at or below 4 degrees Celsius (°C), under strict chain-of-custody procedures, to Eurofins LLC (Eurofins) in Carlsbad, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH following EPA Method 8015M/D; and chloride following EPA Method 300.0.

There are areas off pad that will likely require third-party operator oversight and additional safety measures near their respective subsurface pipelines before or during delineation activities. WPX or the third-party operator may implement additional safety precautions above encroachment guidelines. These restrictions may be implemented as health and safety precautions at the judgment and responsibility of a WPX or third-party operator safety representative. Restrictions may induce proposed lateral boring locations to be significantly further from the Site.

Locations of the boreholes and other pertinent information, such as utility lines and equipment, will be documented by logging those locations with a global positioning system (GPS) hand-held unit. All on-site activities will be photographically documented.



Page 4

2.1 Site Assessment Evaluation

Following delineation activities, WPX will assess field screening and laboratory analytical results of soil to determine:

- The presence or absence of impacted soil;
- If impacted soil is present, the magnitude and horizontal and vertical extents of impacts;
- Location of impacts as they relate to existing active oil and gas production equipment and pipelines.

Site assessment results will be reported to the NMOCD in a Closure Request if there is an absence of impacted soil at the Site. A Remediation Work Plan Addendum or Deferral Request will be prepared if impacts are present at the Site. Using field observations and laboratory data from investigation activities, an estimated horizontal and vertical extent (and subsequent volume) of impacted soil at the Site will be calculated and a determination of areas where excavation may or may not be practicable will be completed. Impracticable areas to excavate would include underneath the tank battery, near or around active lines and production equipment, or any area where soil excavation would result in an unstable foundation for equipment.

3.0 PROPOSED SCHEDULE

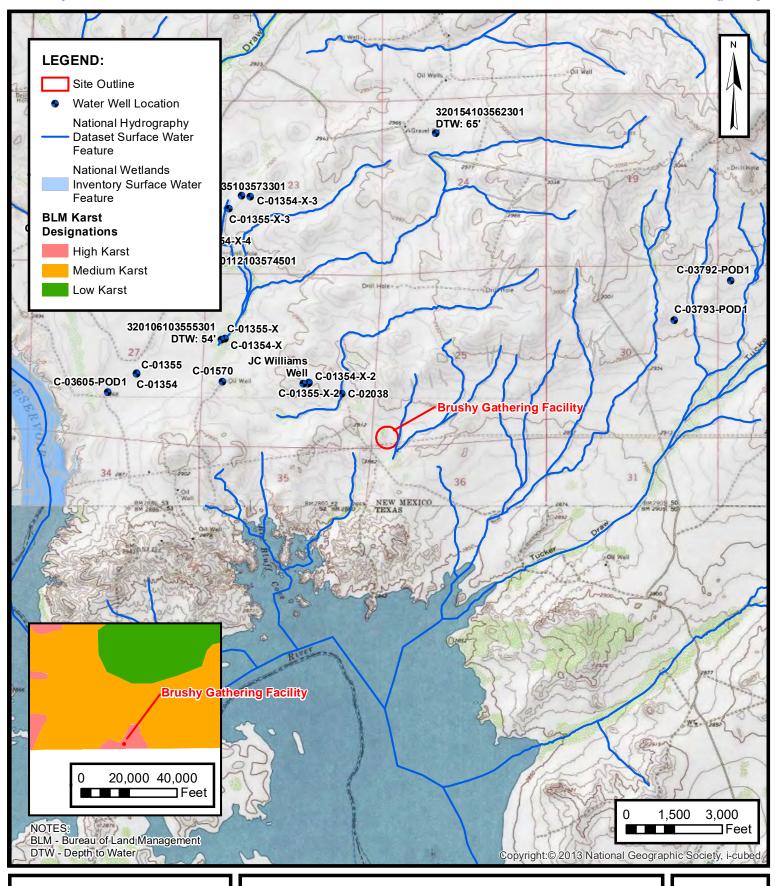
WPX believes the scope of work described above will meet requirements set forth in NMAC 19.15.29.13 and be protective of human health, the environment, and groundwater. As such, WPX respectfully requests approval of this RWP from NMOCD. If approved, WPX anticipates beginning the Site investigation activities within 180 days of NMOCD's approval. Based on findings from site assessment activities, WPX will provide a follow-up report to the NMOCD in the form of a Closure Request, Remediation Work Plan Addendum, or Deferral Request within 90 days after receipt of the laboratory analytical report(s).





APPENDIX A

Figures



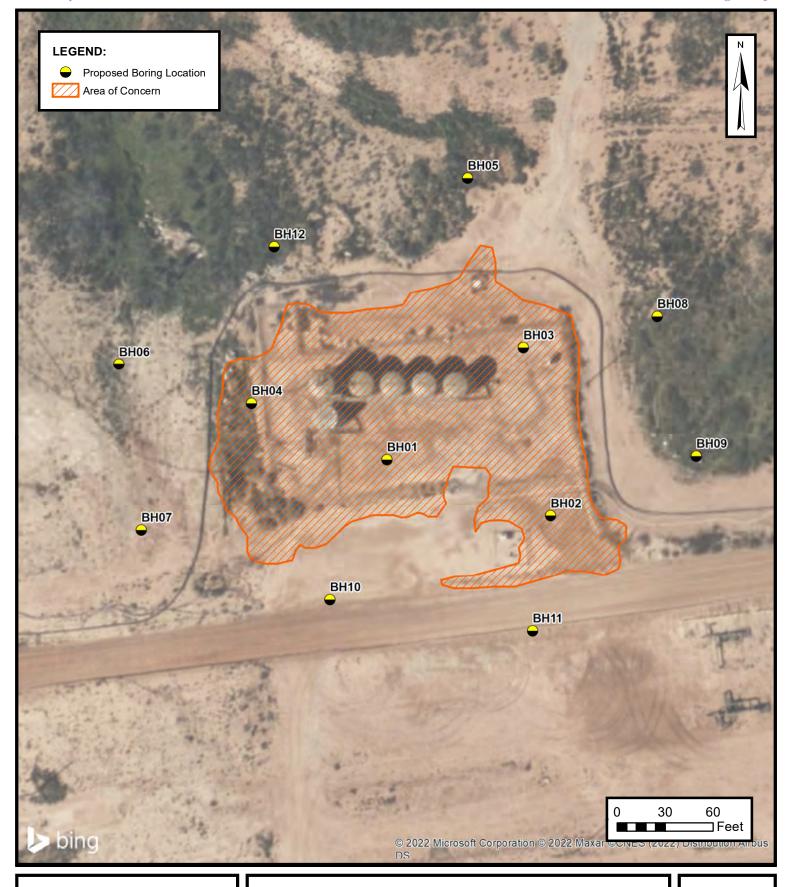


SITE MAP

WPX ENERGY PERMIAN, LLC BRUSHY GATHERING FACILITY Unit M, Sec 25, T26S, R29E

Unit M, Sec 25, T26S, R29E Eddy County, New Mexico FIGURE

1





PROPOSED BORING LOCATIONS

WPX ENERGY PERMIAN, LLC BRUSHY GATHERING FACILITY Unit M, Sec 25, T26S, R29E Eddy County, New Mexico **FIGURE**

2



APPENDIX B

NMOCD Release Location Correspondence

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD

Sent: Thursday, October 26, 2017 12:31 PM

To: Blaney, Karolina

Cc: Weaver, Crystal, EMNRD; Tucker, Shelly **Subject:** RE: Work Plan for Brushy Creek Gathering

Karolina,

I noticed some data entry issues on these sites, so wanted to hopefully clarify all reported spills associated with this battery. From what I can tell at this point, we have five associated releases. Three were sent in calling it the "Brushy Creek Gathering Station", and two called it the "Brushy Draw Booster Station". The first three (Brushy Creek Gathering Station) were entered under API number 30-015-24451 (UCBH WW Federal 3). The other two were entered under API number 20-015-24034 (UCBH WW Federal 1). The number 3 well is approximately 450 yards east of the battery, while the number 1 well is just north of the battery, and is the closest well. I don't want to expend all the time it would take to have these all entered under the same API number, so I think going forward, for OCD, if we just reference all five RP numbers, and call it the "Brushy Creek Gathering Station" (it looks more like a gathering station than a booster station), we should be good. I will try to keep the data entry straight and going into all the files. I hope this will work for BLM, but if not Shelly, let us know. Here is a break-down of the RP numbers:

- 2RP-2742 * DOR:1/7/15
- 2RP-2796 * DOR:1/22/15
- 2RP-3195 * DOR:8/10/15
- 2RP-3811 * DOR:7/13/16
- 2RP-4011 * DOR:11/13/16

Lat/Long for the station is: 32.005742N 103.944433W – on Google Earth, this position is close to the battery, on the east side, and is the lat/long used on 2RP-4011. The number 1 well is approximately 150 yards north of this point.

If you would, going forward, have your contractors (and all of us) reference these five 2RP numbers for this site, and call it the "Brushy Creek Gathering Station". Hopefully this will add clarity and not confusion, but any questions or concerns, let me know.

Thank you,

Mike Bratcher NMOCD District 2 811 South First Street Artesia, NM 88210 575-748-1283 Ext 108

PS: There is also a release reported from a stuffing box leak at the number 3 well (30~015~24451), 2RP~4089. This is completely separate from the above five releases, but thought I would mention it here.

From: Lucas Middleton [mailto:lucas.middleton@soudermiller.com]

Sent: Tuesday, October 17, 2017 12:02 PM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

Cc: Weaver, Crystal, EMNRD < Crystal. Weaver@state.nm.us>; Blaney, Karolina < Karolina. Blaney@wpxenergy.com> **Subject:** Work Plan for Brushy Creek Gathering

I have attached a work plan for approval on a WPX location named the Brushy Creek Gathering Station BATTERY, 30-015-24451,(2RP-3811, 2RP-2742, 2RP-2796,2RP-3195)

Call or Email with any question or comments.

Thank you and have a good day

Lucas Middleton Staff Scientist (575) 499-9244 (mobile)



Souder, Miller & Associates
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APPENDIX C

Groundwater Measurement Form

Soil Borrey Montes Well Number Mel Number MA Project a 0341987013 Trips Office Compresse NA One Cellstrated. NA One Cellstrat	lient: Devon Energy roject Name: JC Williams Well GW measurement roject Location: 32.0105289,-103.9534960 roject Manager: Joseph Hernandez	GROUNDWATER MEASUREMENT FORM				
NA = Not Available	ate Completed: NA otal Depth of Monitor Well: NA creen Interval: NA ample Tubing Intake Depth: NA	Project #: 03A1987013 Type of Water Quality Meter: NA Date Calibrated: NA				
NA = Not Available	Tubing Placement GW Denth (static) After Purge					

Incident ID nAPP2230032326
District RP
Facility ID
Application ID

Remediation Plan

Remediation Plan Checklist: Each of the following items must be included in the plan.				
 ☑ Detailed description of proposed remediation technique ☑ Scaled sitemap with GPS coordinates showing delineation point ☑ Estimated volume of material to be remediated ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.1 ☑ Proposed schedule for remediation (note if remediation plan times) 	12(C)(4) NMAC			
<u>Deferral Requests Only</u> : Each of the following items must be con	nfirmed as part of any request for deferral of remediation.			
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility			
Extents of contamination must be fully delineated.				
Contamination does not cause an imminent risk to human health	n, the environment, or groundwater.			
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 Professional			
Signature:	Date:			
email: _jim.raley@dvn.com	Telephone: <u>575-689-7597</u>			
OCD Only				
Received by:Jocelyn Harimon	Date:11/28/2022			
☐ Approved	Approval			
Signature: Robert Hamlet	Date: 2/21/2023			

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

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 161740

CONDITIONS

Operator:	OGRID:
WPX Energy Permian, LLC	246289
Devon Energy - Regulatory	Action Number:
Oklahoma City, OK 73102	161740
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. This release is in a high karst area and will need to be remediated to the strictest closure criteria of <50' depth to groundwater from Table 1 of the spill rule. Samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Confirmation samples should be collected every 200 ft2. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and less than 100 mg/kg for TPH. The work will need to occur in 90 days after the work plan has been approved.	2/21/2023