

State of Colorado
Energy & Carbon Management Commission

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Document Number:

403884170

Date Received:

08/09/2024

Spill report taken by:

Brown, Kari

Spill/Release Point ID:

487572

SPILL/RELEASE REPORT (INITIAL /w SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Refer to ECMC Rule 912.b. for reporting requirements of spills or releases of E&P Waste, produced Fluids, or unauthorized Releases of natural gas. Submit a Site Investigation and Remediation Workplan (Form 27) if Rule 913.c. applies.

OPERATOR INFORMATION

Name of Operator: <u>KP KAUFFMAN COMPANY INC</u>	Operator No: <u>46290</u>	Phone Numbers
Address: <u>1700 LINCOLN ST STE 4550</u>		Phone: <u>(720) 8689848x0110</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80203</u>		Mobile: <u>(303) 5508872</u>
Contact Person: <u>John Peterson</u>		Email: <u>jpeterson@kpk.com</u>

Transfer of Operatorship: Pursuant to Rule 912.f, this Supplemental Form 19 is being submitted to designate the Buying Operator as the responsible Operator for this Spill and Release.

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 403884170

Initial Report Date: 08/09/2024 Date of Discovery: 10/24/2022 Spill Type: Historical Release

Spill/Release Point Location:

QTRQTR NENE SEC 6 TWP 1N RNG 68W MERIDIAN 6

Latitude: 40.082903 Longitude: -105.039918

Municipality (if within municipal boundaries): _____ County: WELD

Enter Lat./long measurement of the actual Spill/Release Point. Lat./Long. Data shall meet standards of Rule 216.

Check this box if this spill/release is related to a loss of integrity of a flowline, pipeline, crude oil transfer line, or produced water transfer line.

Reference Location:

Facility Type: OFF-LOCATION FLOWLINE Facility/Location ID No 475969

Spill/Release Point Name: Koch 41-6, SS-9@5' Well API No. (Only if the reference facility is well) 05- -

No Existing Facility or Location ID No.

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): Unknown Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): 0

Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify: _____

Has the subject Spill/Release been controlled at the time of reporting? Yes

Land Use:

Current Land Use: CROP LAND

Other(Specify): _____

Weather Condition: Sunny, 46 degrees

Surface Owner: FEE

Other(Specify): ME Erie LLC

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

KPK was performing P&A operations on 10/24/2022 for the Koch 41-6 wellhead and associated flowline when PID field screening and analytical results indicated the presence of organics at sample location SS-9@5'. The sample location was excavated to 7' depth on 10/31/2022 and tested clean both on the PID and the laboratory analytical results. The excavation has been backfilled. This Form 19 submittal has been required by the ECOM.

List of Agencies and Other Parties Notified Pursuant to Rule 912.b.(7)-(11):

OTHER NOTIFICATIONS

<u>Date</u>	<u>Agency/Party</u>	<u>Contact</u>	<u>Phone</u>	<u>Response</u>
10/28/2022	Town of Erie	David Frank	303-926-2792	voicemail
10/28/2022	Weld County	Jason Maxey	970-400-3579	voicemail
10/28/2022	ME Erie LLC	Chris Elliott	-	via email

REPORT CRITERIA

Rule 912.b.(1) Report to the Director (select all criteria that apply):

No Rule 912.b.(1).A: A Spill or Release of any size that impacts or threatens to impact any Waters of the State, Public Water System, residence or occupied structure, livestock, wildlife, or publicly-maintained road.

Waters of the State: _____ Public Water System: _____
 Residence or Occupied Structure: _____ Livestock: _____
 Wildlife: _____ Publicly-Maintained Road: _____

No Rule 912.b.(1).B: A Spill or Release in which 1 barrel or more of E&P Waste or produced fluids is spilled or released outside of berms or other secondary containment.

No Rule 912.b.(1).C: A Spill or Release of 5 barrels or more of E&P Waste or produced Fluids regardless of whether the Spill or Release is completely contained within berms or other secondary containment.

No Rule 912.b.(1).D: Within 6 hours of discovery, a Grade 1 Gas Leak. For a Grade 1 Gas Leak from a Flowline, the Operator also must submit the Form 19 – Initial, document number on a Form 44, Flowline Report, for the Grade 1 Gas Leak

Enter the approximate time of discovery _____ (HH:MM)
 Enter the Document Number of the Grade 1 Gas Leak Report, Form 44 _____
 Was there a reportable accident associated with either a Grade 1 Gas Leak or an E&P waste spill or release? _____
 Enter the Document Number of the Initial Accident Report, Form 22 _____
 Was there damage during excavation? _____
 Was CO 811 notified prior to excavation? _____

No Rule 912.b.(1).E: The discovery of 10 cubic yards or more of impacted material resulting from a current or historic Spill or Release. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards.

Estimated Volume of Impacted Solids (cu. yd.): _____

No Rule 912.b.(1).F: The discovery of impacted Waters of the State, including Groundwater. Discovery and reporting will not be contingent upon confirmation samples demonstrating exceedance of Table 915-1 standards. The presence of free product or hydrocarbon sheen on Groundwater or surface water is reportable. The presence of contaminated soil in contact with Groundwater or surface water is reportable. Check all that apply:

- The presence of free product or hydrocarbon sheen Surface Water
- The presence of free product or hydrocarbon sheen on Groundwater
- The presence of contaminated soil in contact with Groundwater
- The presence of contaminated soil in contact with Surface water

Yes	Rule 912.b.(1).G: A suspected or actual Spill or Release of any volume where the volume cannot be immediately determined, including a spill or release of any volume that daylight from the subsurface.
No	Rule 912.b.(1).H: Spill or Release resulting in vaporized hydrocarbon mists that leave the Oil and Gas Location or Off-Location Flowline right of way from an Oil and Gas Location and impacts or threatens to impact off-location property. <input type="checkbox"/> Areas offsite of Oil & Gas Location <input type="checkbox"/> Off-Location Flowline right of way
No	Rule 912.b.(1).I: A Release of natural gas that results in an accumulation of soil gas or gas seeps.
No	Rule 912.b.(1).J: A Release that results in natural gas in Groundwater.

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: <u>08/09/2024</u>		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	_____	_____	<input checked="" type="checkbox"/>
CONDENSATE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
PRODUCED WATER	<u>0</u>	<u>0</u>	<input type="checkbox"/>
DRILLING FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
FLOW BACK FLUID	<u>0</u>	<u>0</u>	<input type="checkbox"/>
OTHER E&P WASTE	<u>0</u>	<u>0</u>	<input type="checkbox"/>
specify: _____			
Was spill/release completely contained within berms or secondary containment? <u>NO</u> Was an Emergency Pit constructed? <u>NO</u>			
<i>Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.</i>			
A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit			
Impacted Media (Check all that apply) <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>10</u>		Width of Impact (feet): <u>3</u>	
Depth of Impact (feet BGS): <u>7</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
Extent of impacts was determined utilizing excavation, impacts were discovered when field screening showed high PID readings at the SS-9@5' soil sample location. Analytical results indicated elevated levels of hydrocarbons at SS-9@5' location. The impacted soils were then removed through excavation and re-sampled at 7' depth bgs and confirmed that no organic exceedance remained. See attached tables and figures.			
Soil/Geology Description:			
Sandy soil			
Depth to Groundwater (feet BGS) <u>8</u>		Number Water Wells within 1/2 mile radius: <u>37</u>	
If less than 1 mile, distance in feet to nearest		Water Well <u>251</u> None <input type="checkbox"/>	Surface Water <u>238</u> None <input type="checkbox"/>
		Wetlands <u>665</u> None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
		Livestock <u>604</u> None <input type="checkbox"/>	Occupied Building <u>718</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			
Distances and directions to potential receptors are as follows: Water well: approximately 251 feet northeast from the release. Surface water: Lower Boulder ditch is located approximately 335 feet east of the release, Boulder and Weld County Ditch is approximately 363 feet west of the release. approximately 562 feet west of the release. Wetlands: freshwater emergent wetland is located approximately 665 feet southwest of the release. Livestock: located approximately 604 northwest of the release. Occupied building: located approximately 718 feet northwest of the release. Aquatic Sportfishing Management waters: located approximately 0.92 miles west of the release.			

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	08/09/2024
Root Cause of Spill/Release <u>Unknown (Historical)</u>		
Other (specify) _____		
Type of Equipment at Point of Spill/Release: <u>Wellhead Line</u>		
If "Other" selected above, specify or describe here: <div style="border: 1px solid black; height: 30px; width: 100%;"></div>		
Describe Incident & Root Cause (include specific equipment and point of failure)		
<div style="border: 1px solid black; padding: 5px;">Elevated organic concentrations of 1,2,4 trimethylbenzene; 1,3,5 trimethylbenzene; 1-methylnaphthalene; 2-methylnaphthalene; and naphthalene were found at SS-9@5' beneath the flowline. No integrity issues were noted on the flowline.</div>		
Describe measures taken to prevent the problem(s) from reoccurring:		
<div style="border: 1px solid black; padding: 5px;">Soil impacts were noted during P&A activities at the flowline. The flowline has been removed.</div>		
Volume of Soil Excavated (cubic yards):	<u>8</u>	
Disposition of Excavated Soil (attach documentation)	<input checked="" type="checkbox"/> Offsite Disposal	<input type="checkbox"/> Onsite Treatment
	<input type="checkbox"/> Other (specify)	_____
Volume of Impacted Ground Water Removed (bbls):	<u>0</u>	
Volume of Impacted Surface Water Removed (bbls):	<u>0</u>	

REQUEST FOR CLOSURE

Spill/Release Reports should be closed when impacts have been remediated or when further investigation and corrective actions will take place under an approved Form 27.

- Basis for Closure:
- Corrective Actions Completed (documentation attached, check all that apply)
 - Horizontal and Vertical extents of impacts have been delineated.
 - Documentation of compliance with Table 915-1 is attached.
 - All E&P Waste has been properly treated or disposed.
 - Work proceeding under an approved Form 27 (Rule 912.c).
Form 27 Remediation Project No: _____
 - SUSPECTED Spill/Release did not occur or was below Rule 912.a.(5) reporting thresholds.

OPERATOR COMMENTS:

The volume of this release is below reporting thresholds. KPK excavated and resampled the location to confirm that soil impacts were removed. The total excavated area was approximately 8 cubic yards. Impacted soil volume did not exceed the 10 cubic yard threshold. Confirmation sampling results were below Table 915-1 concentrations for protection of groundwater and or below site specific background levels. KPK respectfully requests no further action at this location.

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____ Print Name: Cullen Chew
Title: Environmental Coordinator Date: 08/09/2024 Email: cchew@kpk.com

COA Type**Description**

	ECMC removed the closure request. Operator failed to collect confirmation soil samples from the excavation. Prior to requesting closure, Operator will collect sidewall samples from the excavation extent to verify impacts have been horizontally delineated; Operator will collect confirmation soil samples as described in the Rule 915.e.(2) Guidance Document. These samples can be obtained by a hand auger boring.
	Operator will provide notice to ECMC EPS Kari Brown (kari.l.brown@state.co.us) and Nikki Graber (nikki.graber@state.co.us) at least 48 hours prior to any sampling events performed on location.
2 COAs	

ATTACHMENT LIST**Att Doc Num****Name**

403884170	SPILL/RELEASE REPORT(I/S)
403884270	ANALYTICAL RESULTS
403884272	ANALYTICAL RESULTS
403884273	ANALYTICAL RESULTS
403884274	ANALYTICAL RESULTS
403884305	ANALYTICAL RESULTS
403884307	ANALYTICAL RESULTS
403884310	ANALYTICAL RESULTS
403884327	MAP
403886222	FORM 19 SUBMITTED

Total Attach: 10 Files

General Comments**User Group****Comment****Comment Date**

		Stamp Upon Approval
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Total: 0 comment(s)