

State of Colorado

Energy & Carbon Management Commission

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Document Number:

403897427

Date Received:

08/22/2024

Spill report taken by:

Brown, Kari

Spill/Release Point ID:

487675**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) 8689848</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 REPORTInitial Spill/Release Report Doc# 403897427

Initial Report Date: <u>08/22/2024</u>	Date of Discovery: <u>08/19/2024</u>	Spill Type: <u>Recent Spill</u>
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Spill/Release Point Location:

QTRQTR NWNE SEC 35 TWP 2N RNG 68W MERIDIAN 6

Latitude: 40.101818 Longitude: -104.967656

Municipality (if within municipal boundaries): Frederick 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: FLOWLINE SYSTEM ☒ Facility/Location ID No 475986

Spill/Release Point Name: Lanson Farms 15 Flowline ☐ 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): <u>Unknown</u>	Estimated Condensate Spill Volume(bbl): <u>0</u>
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>Unknown</u>
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>

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: Partly Cloudy 88 F

Surface Owner: FEE Other(Specify): Nelson Family LLLP

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

A KPK employee found contaminated soil at the ground surface and notified supervisors of the release. Personnel immediately shut in wells and a crew was sent to perform source removal.

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>
8/22/2024	Weld County	Jason Maxey	-	Weld OEM
8/20/2024	Landowner	Nelson Family LLLP	-	Email
8/19/2024	Town of Frederick	Ali van Deutekom	-	Email
8/19/2024	ECMC	Kari Brown	-	Email
8/19/2024	ECMC	Nikki Graber	-	Email

REPORT CRITERIA

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

Yes 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: Threatened to Impact _____ Public Water System: n/a
Residence or Occupied Structure: n/a _____ Livestock: n/a _____
Wildlife: n/a _____ Publicly-Maintained Road: n/a _____

Yes 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.): 10 _____

Yes	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: <input type="checkbox"/> The presence of free product or hydrocarbon sheen Surface Water <input type="checkbox"/> The presence of free product or hydrocarbon sheen on Groundwater <input checked="" type="checkbox"/> The presence of contaminated soil in contact with Groundwater <input type="checkbox"/> 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 daylights 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: 08/22/2024		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL			<input checked="" type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER			<input checked="" type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	0	0	<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>			
Secondary containment, including walls & floor regardless of construction material , must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.			
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 checked="" type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>15</u>		Width of Impact (feet): <u>15</u>	
Depth of Impact (feet BGS): <u>3</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
The extent is being determined through soil sampling at various points around the excavation.			
Soil/Geology Description:			
Olney fine sandy loam			
Depth to Groundwater (feet BGS) <u>2</u>		Number Water Wells within 1/2 mile radius: <u>7</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>534</u>	None <input type="checkbox"/>	Surface Water <u>84</u> None <input type="checkbox"/>
	Wetlands <u>365</u>	None <input type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
	Livestock _____	None <input checked="" type="checkbox"/>	Occupied Building <u>440</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

The site is located 176 feet from the 100-year floodplain.

CORRECTIVE ACTIONS

#1 Supplemental Report Date: 08/22/2024

Root Cause of Spill/Release Pipe, Weld, or Joint Failure

Other (specify)

Type of Equipment at Point of Spill/Release: Wellhead Line

If "Other" selected above, specify or describe here:

Describe Incident & Root Cause (include specific equipment and point of failure)

The root cause was a joint failure at the point where the flowline transitions from fiberglass to steel.

Describe measures taken to prevent the problem(s) from reoccurring:

KPK is systematically replacing steel and fiberglass flowlines with poly pipe to eliminate future corrosion of the flowline and minimize pipe joints throughout the field. Poly pipe does not corrode and is compatible with the materials KPK produces. KPK plans to replace the flowline with poly pipe.

Volume of Soil Excavated (cubic yards): 16

Disposition of Excavated Soil (attach documentation) ☒ Offsite Disposal ☐ Onsite Treatment

☐ Other (specify)

Volume of Impacted Ground Water Removed (bbls):

Volume of Impacted Surface Water Removed (bbls):

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:

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

Signed: Print Name: Juan Reyes

Title: Environmental Coordinator Date: 08/22/2024 Email: jreyes@kpk.com

<u>COA Type</u>	<u>Description</u>
	The operator is using an ECMC Form 19 I/S form for a recent spill; this form is typically used for reporting historical releases. The CA's added cannot be accurate as the form was filed on 8/22/2024 and the failed section of flowline is scheduled to be cut out and repaired on 8/23/2024 (per ECMC Integrity inspection completed 8/22/2024). An accurate inspection/ analysis of the pipe failure (root cause), detailed description of flowline repairs completed and measures taken to prevent a recurrence are required in CA section of ECMC Form 19 report. Update the CA section of Form 19 with updated/ accurate information.
	The spill point is located 72' from the mapped flowline alignment as submitted by Operator to ECMC. Pursuant to Rule 1101.b.(3)(C) The GIS data for these off-location flowlines must be the most accurate data possible without using invasive methods AND a minimum horizontal positional accuracy of +/- 25 feet. Operator shall provide an updated flowline alignment via Form 44 within 90 days of spill discovery.
	Area is adjacent to surface water. Operator shall ensure that stormwater does not transport impacts outside of the spill footprint.
	Due to the presence of impacted soil in contact with groundwater Operator shall comply with Table 915-1 Protection of Groundwater Soil Screening Level Concentrations.
	In accordance with 912.a.(2) Operator will investigate, cleanup, and document impacts resulting from Spill and Releases as soon as the impacts are discovered.
	Operator shall collect confirmation soil samples as described in the Rule 915.e.(2) Guidance Document. Operator will analyze soil samples for TPH (C6-C36), Table 915-1 Organic Compounds in Soil, Table 915-1 metals, and Table 915-1 Soil Suitability for Reclamation (Electrical conductivity, Sodium adsorption ratio, and pH by saturated paste method, boron (hot water soluble)).
	Pursuant to Rule 912.b.(6) Operator is required to submit a Form 19 Supplemental Report for the associated Spill ID within 90 days of the spill/release date of discovery requesting closure pursuant to Rule 913.h and supported by adequate documentation to demonstrate that the Spill or Release has been fully cleaned up and complies with Table 915-1; or A Form 27 if any of the criteria listed in Rules 912.b.(6).B.i–iii apply. If Remediation will continue under an approved Form 27, the Operator will also submit a Form 19 – Supplemental within 90 days of the date of discovery which requests closure of the Spill or Release and includes the Remediation project number assigned by the Director.
7 COAs	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403897427	FORM 19 SUBMITTED
403897883	SITE MAP
403898131	TOPOGRAPHIC MAP
403898169	PHOTO DOCUMENTATION

Total Attach: 4 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	Operator failed to select "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." ECMC corrected this omission.	08/23/2024

Total: 1 comment(s)