

State of Colorado
Oil and Gas Conservation Commission

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Document Number:

401026377

Date Received:

04/15/2016

Spill report taken by:

GINTAUTAS, PETER

Spill/Release Point ID:

444854

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: <u>K P KAUFFMAN COMPANY INC</u>	Operator No: <u>46290</u>	Phone Numbers Phone: <u>(303) 825-4822</u> Mobile: <u>(303) 825-4822</u> Email: <u>slaramesa@kpk.com</u>
Address: <u>1675 BROADWAY, STE 2800</u>		
City: <u>DENVER</u>	State: <u>CO</u> Zip: <u>80202</u>	
Contact Person: <u>Susana Lara-Mesa</u>		

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400989822

Initial Report Date: <u>02/16/2016</u>	Date of Discovery: <u>02/16/2016</u>	Spill Type: <u>Recent Spill</u>
Spill/Release Point Location:		
Location of Spill/Release: <u>QTRQTR</u> <u>SWNW</u> SEC <u>18</u> TWP <u>2N</u> RNG <u>66W</u> MERIDIAN <u>6</u>		
Latitude: <u>40.138780</u> Longitude: <u>-104.827690</u>		
Municipality (if within municipal boundaries): _____	County: <u>WELD</u>	
Reference Location:		
Facility Type: <u>TANK BATTERY</u>	<input type="checkbox"/> Facility/Location ID No _____ <input checked="" type="checkbox"/> No Existing Facility or Location ID No. <input type="checkbox"/> Well API No. (Only if the reference facility is well) <u>05-</u> <u>-</u>	
Fluid(s) Spilled/Released (please answer Yes/No):		
Was one (1) barrel or more spilled outside of berms or secondary containment? <u>Yes</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>		
Were Five (5) barrels or more spilled? <u>No</u>		
Estimated Total Spill Volume: use same ranges as others for values		
Estimated Oil Spill Volume(bbl): <u>0</u>	Estimated Condensate Spill Volume(bbl): <u>>0 and <1</u>	
Estimated Flow Back Fluid Spill Volume(bbl): <u>0</u>	Estimated Produced Water Spill Volume(bbl): <u>>0 and <1</u>	
Estimated Other E&P Waste Spill Volume(bbl): <u>0</u>	Estimated Drilling Fluid Spill Volume(bbl): <u>0</u>	
Specify: _____		
Land Use:		
Current Land Use: <u>CROP LAND</u>	Other(Specify): _____	
Weather Condition: <u>Sunny, Temp. around 55 deg F</u>		
Surface Owner: <u>FEE</u>	Other(Specify): _____	
Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):		
Waters of the State <input type="checkbox"/>	Residence/Occupied Structure <input type="checkbox"/>	Livestock <input type="checkbox"/>
Public Byway <input type="checkbox"/>	Surface Water Supply Area <input type="checkbox"/>	
<i>As defined in COGCC 100-Series Rules</i>		

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

The bypass line at the Franklin Stermole Unit #1 tank battery released <5 bbl of comingled hydrocarbon fluids on February 16, 2016. The fluids became visible at the surface at the facility's flowline manifold. Secondary containment of the manifold was unable to contain the fluids at the surface, causing fluids to flow in multiple directions up to 10 feet away from the manifold. KPK responded on February 16, 2016, to the release, creating temporary earthen berms to contain released fluids at the surface. Excavation equipment began immediately removing contaminated soils to be disposed at a certified disposal facility. Further excavation is needed to determine the extent of contamination from the bypass line release.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
2/17/2016	Property Owner		-	
2/16/2016	COGCC	Peter Gintautas	719-1326	Form 19
2/18/2016	Weld County	Heather Barbare	970-304-6415	Email Attached

SPILL/RELEASE DETAIL REPORTS

#1	Supplemental Report Date: 04/12/2016		
FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE			<input checked="" 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 type="checkbox"/> Groundwater <input type="checkbox"/> Surface Water <input type="checkbox"/> Dry Drainage Feature			
Surface Area Impacted: Length of Impact (feet): <u>75</u>		Width of Impact (feet): <u>40</u>	
Depth of Impact (feet BGS): <u>5</u>		Depth of Impact (inches BGS): _____	
How was extent determined?			
The extent of contamination was determined by excavating the area while field screening the soil within the excavation area. The excavation chased the contaminated soil in all directions until screening with the PID displayed results indicating clean soil had been reached. Soil samples were then collected at base locations from each wall of the excavation and a compsite sample made up of four (4) locations at the base of the excavation. Soil samples were analyzed for TPH DRO & GRO, BTEX, EC, SAR, and pH. Analytical results from the collected soil samples indicated the contaminated soil had been removed. A groundwater sample was collected and analyzed for BTEX, which showed that groundwater was not affected by the flowline release.			
Soil/Geology Description:			
Bankard Sandy Loam, 0 to 3 percent slopes			
Depth to Groundwater (feet BGS) <u>5</u>		Number Water Wells within 1/2 mile radius: <u>29</u>	
If less than 1 mile, distance in feet to nearest	Water Well <u>323</u>	None <input type="checkbox"/>	Surface Water <u>552</u> None <input type="checkbox"/>
	Wetlands _____	None <input checked="" type="checkbox"/>	Springs _____ None <input checked="" type="checkbox"/>
	Livestock _____	None <input checked="" type="checkbox"/>	Occupied Building <u>390</u> None <input type="checkbox"/>
Additional Spill Details Not Provided Above:			

CORRECTIVE ACTIONS

#1	Supplemental Report Date: 04/12/2016
Cause of Spill (Check all that apply) <input type="checkbox"/> Human Error <input checked="" type="checkbox"/> Equipment Failure <input type="checkbox"/> Historical-Unknown <input type="checkbox"/> Other (specify) _____	
Describe Incident & Root Cause (include specific equipment and point of failure) <div>The bypass flowline from the production separator to the oil tank at the Franklin Stermole Unit #1 Tank Battery failed when the separator was switched to bypass mode. It is unknown as to the specific reason the bypass flowline failed, causing the release of an unknown amount of hydrocarbon fluids.</div>	
Describe measures taken to prevent the problem(s) from reoccurring: <div>All flowlines uncovered during the excavation process, including the bypass flowline, will be properly replaced and reconnected to prevent the problem from reoccurring.</div>	
Volume of Soil Excavated (cubic yards): 409	
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): 0	
Volume of Impacted Surface Water Removed (bbls): 0	

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)

☐ Work proceeding under an approved Form 27

Form 27 Remediation Project No: _____

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: Susana Lara-Mesa

Title: VP of Engineering Date: 04/15/2016 Email: slaramesa@kpk.com

COA Type

Description

Based on review of the information submitted it appears that no further action is necessary at this time. However, should future conditions at the site indicate contaminant concentrations in soils exceeding COGCC standards or if ground water is found to be significantly impacted, further investigation and/or remediation activities may be required at the site.

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401026377	FORM 19 SUBMITTED
401026414	SITE MAP
401026416	TOPOGRAPHIC MAP
401026419	ANALYTICAL RESULTS
401026522	DISPOSAL MANIFEST
401029796	SITE MAP
401029810	ANALYTICAL RESULTS

Total Attach: 7 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Environmental	pushed back to draft 04/13/2016. no analytical data for soils samples attached. water analytical results attached twice.	4/13/2016 9:13:27 AM

Total: 1 comment(s)