

At approximately 13:30 on March 6, 2024, during routine environmental inspections ECMC staff discovered a suspected release between KP Kauffman's Lauridson VV 18-16 and Lauridson 2-A wells.

A release was suspected due to evidence of a white crust/potential salt kill in the agricultural field north of CR 8 and west of CR 15 in Dacono, Colorado. At approximately 14:20 ECMC staff called KPK's emergency line to notify the Operator of the suspected release. KPK personnel (Mani) called at 14:32 to confirm the location and indicated crews were in the area and would be there shortly. A KPK representative arrived on location at 14:47 – He indicated he would shut in and blowdown the wells and flowlines in the area. He believed the flowlines were steel and had been correctly mapped. KPK's Director of EHS & Compliance, John Peterson, arrived on location at approximately 15:15. While on location Mr. Peterson contacted KPK's Land Manager, Avi Mehler, to have him contact the landowner/tenant farmer. Mr. Peterson was off location at approximately 15:30. Additional ECMC personnel arrived on location at approximately 15:45 to fly the area with a drone to help further assess the suspected release and potential sources.

While onsite ECMC collected two discrete soil samples:

-SS01@0-6" was collected from the area affected by the suspected release/potential salt kill (soils with a visible white crust and minimal vegetation)

-BG01@0-6" was collected away from the area affected the suspected release where soils did not appear to have a white crust and vegetation was observed

Both soil samples were field screened using a photoionization detector (PID) – PID readings for both samples were 0.0 ppm. Both samples were packed in laboratory provided jars using standard environmental practices and immediately placed on ice and submitted under standard chain of custody for laboratory analysis. SS01@0-6" was submitted for laboratory analysis of all Table 915-1 contaminants of concern in soil. BG01@0-6" was submitted for laboratory analysis of soil suitability parameters only. Results are pending.

Upon further evaluation of historic aerial imagery, drone footage, soil and topographic maps in combination with site conditions observed in the field, ECMC believes the white crust identified both in the field and in historic aerial imagery may not be related oil and gas activities in the area including the Lauridson VV 18-16 and Lauridson 2-A wells. However, should contaminant concentrations indicative of E&P waste in soils be confirmed by ECMC soil samples or future conditions indicate a lack of integrity at the wellheads or flowlines, then further investigation and/or remediation activities may be required.

Location

Lease Road:			
Type	Access		
comment:	Access/leasehold roads have not been maintained and are difficult to traverse.		
Corrective Action:	Repair and maintain access/leasehold roads to comply with Rule 603.I.	Date:	04/11/2024

Overall Good:

Signs/Marker:			
Type	WELLHEAD		
Comment:	Inadequate signage at Lauridson VV 18-16 wellhead. No API # listed.		
Corrective Action:	Install sign to comply with Rule 605.d.	Date:	04/11/2024
Type	WELLHEAD		
Comment:	Inadequate signage at Lauridson 2A wellhead. No API # listed.		
Corrective Action:	Install sign to comply with Rule 605.d.	Date:	04/11/2024

Emergency Contact Number:			
Comment:	<input type="text"/>		
Corrective Action:	<input type="text"/>	Date:	<input type="text"/>

Good Housekeeping:			
Type	STORAGE OF SUPL		
Comment:	Unknown equipment is being stored adjacent to the Lauridson VV 18-16 wellhead.		
Corrective Action:	Comply with ECMC Rule 1002.f.(2).D and Rule 606.	Date:	03/26/2024
Type	WEEDS		
Comment:	Weeds observed at the wellhead and along access roads.		
Corrective Action:	Comply with Rules 606.c. and 1003.f.	Date:	03/26/2024

Overall Good:

Spills:			
Type	Area	Volume	
In Containment: No			
Comment:	<input type="text"/>		
<input type="checkbox"/> Multiple Spills and Releases?			

Venting:			
Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:			
Type			
Comment:			
Corrective Action:		Date:	

Inspected Facilities

Facility ID: 240584 Type: WELL API Number: 123-08372 Status: PR Insp. Status: PR

Facility ID: 249604 Type: WELL API Number: 123-17407 Status: PR Insp. Status: PR

Reclamation - Storm Water - Pit

Storm Water:

Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment

Comment: [Implement BMPs to minimize erosion from wellheads and access roads.](#)

Corrective Action: [Install or repair required BMPs per 1002.f.\(2\)C. Erosion controls designed to minimize erosion from unpaved areas, including operational well pads, road surfaces and associated culverts, stream crossings, and cut/fill slopes.](#)

Date: 03/27/2024

Pits: NO SURFACE INDICATION OF PIT

Attached Documents

You can go to COGCC Images (<https://cogcc.state.co.us/weblink/>) and search by document number:

Document Num	Description	URL
710100177	Photo Documentation	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6464061
710100178	ECMC Soil Sample Location Figure	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6464062
710100179	Email Correspondence	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6464063