

**FORM  
INSP**

Rev  
X/20

**State of Colorado  
Oil and Gas Conservation Commission**

1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
Phone: (303) 894-2100 Fax: (303) 894-2109



Inspection Date:

07/21/2021

Submitted Date:

09/14/2021

Document Number:

697601450

**FIELD INSPECTION FORM**

Loc ID 317874 Inspector Name: GINTAUTAS, PETER On-Site Inspection  2A Doc Num: \_\_\_\_\_

**Status Summary:**

- THIS IS A FOLLOW UP INSPECTION
- FOLLOW UP INSPECTION REQUIRED
- NO FOLLOW UP INSPECTION REQUIRED

**Operator Information:**

OGCC Operator Number: 46290  
Name of Operator: KP KAUFFMAN COMPANY INC  
Address: 1675 BROADWAY, STE 2800  
City: DENVER State: CO Zip: 80202

**Findings:**

- 5 Number of Comments
- 2 Number of Corrective Actions
- Corrective Action Response Requested

**ANY CORRECTIVE ACTION(S) FROM PREVIOUS INSPECTIONS THAT HAVE NOT BEEN ADDRESSED ARE STILL APPLICABLE**

**Contact Information:**

Contact Name	Phone	Email	Comment
Knop, Max	303-825-4822	MKnop@kpk.com	
Inspections, KPK		cogcc@kpk.com	<a href="#">All KPK Inspections</a>

**General Comment:**

Environmental inspection of eastern portion of location at approximate location of permitted pit with no record of closure in COGCC records.

Sampling and analysis of surface soils in are of pit have elevated SAR, EC and hot water soluble boron indicative of still present impacts to the soils from produced water (E&P wastes). Locations of soils samples collected on 21 July 2021 are shown on attached annotated 2020 aerial image of the Haudrich location.



**Environmental**

**Spills/Releases:**

Type of Spill: PRODUCED WATER

Estimated Spill Volume: \_\_\_\_\_

Comment: Samples of soils in the area of the permitted pit were collected. Both samples 118086 #2 and 118086 #2 indicate impacts to soil from produced water spills/releases. Measured SAR in both sample exceeds Table 915-1 threshold of <6 and are much greater than the measured SAR in two background samples collected just off the location. Concnetrations of hot water soluble boron in both samples from the pit area exceed Table 915-1 thresholds and are greater than the boron concentrations measured in two background samples collected off the location.

Corrective Action: Investigate suspected spill at site and report as appropriate to COGCC staff as required by rule 912 and subsections

Date: 09/17/2021

Reportable: YES

GPS: Lat 40.129223

Long -104.788388

Proximity to Surface Water: \_\_\_\_\_

Depth to Ground Water: \_\_\_\_\_

**Water Well Complaint:**

Lat \_\_\_\_\_ Long \_\_\_\_\_

DWR Receipt Num: \_\_\_\_\_

Owner Name: \_\_\_\_\_

GPS : \_\_\_\_\_

**Field Parameters:**

Sample Location: Other

Comment: soil samples as shown on attached 2020 aerial image

**Sample**

Sample Type: SOIL GRAB

Time: 07/22/2021 (MM/dd/yyyy hh:mm)      GPS: Lat \_\_\_\_\_ Long \_\_\_\_\_

BTEX: \_\_\_\_\_ TPH: YES      Anion: \_\_\_\_\_      Captions: \_\_\_\_\_      General Chemistry: \_\_\_\_\_

Dissolved Methane: \_\_\_\_\_      Composition: \_\_\_\_\_      Stable Isotopes: \_\_\_\_\_      8260: \_\_\_\_\_

8270: \_\_\_\_\_      RCRA Metals: \_\_\_\_\_      910-Metals: YES      PAH: YES

Other: saturated paste pH, EC and SAR, hot water solule

Comment: 2 soil grab samples (from 0-8 inches depth) collected on approximate area of pit visble in 1999 photobackground samples collected as part of Inspection 697601444

**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:

Corrective Action:

Date: \_\_\_\_\_

**Pits:**     NO SURFACE INDICATION OF PIT

Type: Produced Water      Lined: NO      Pit ID: 118016      Lat: 40.078497      Long: -104.996606

Reference Point: \_\_\_\_\_      Other: \_\_\_\_\_      Length: \_\_\_\_\_      Width: \_\_\_\_\_

**Lining:**

Liner Type: \_\_\_\_\_      Liner Condition: \_\_\_\_\_

Comment:

Corrective Action

Date: \_\_\_\_\_

**Fencing:**

Fencing Type: \_\_\_\_\_      Fencing Condition: \_\_\_\_\_

Comment:

Corrective Action

Date: \_\_\_\_\_

**Netting:**

Netting Type: \_\_\_\_\_      Netting Condition: \_\_\_\_\_

Comment:

Corrective Action

Date: \_\_\_\_\_

Anchor Trench Present: \_\_\_\_\_      Oil Accumulation: \_\_\_\_\_      2+ feet Freeboard: \_\_\_\_\_

Comment:

Corrective Action

Date: 10/14/2021

**Attached Documents**

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

Document Num	Description	URL
402810470	INSPECTION SUBMITTED	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5530306">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5530306</a>
697601451	approx. area of pit from 1999 aerial images	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5530297">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5530297</a>
697601560	sample locations on 2020 aerial image	<a href="http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5530298">http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=5530298</a>