

This is an environmental inspection for the UPRR 43 Pan Am I-23 Spill (Spill ID 482625). On October 16, 2023, ECMC inspectors met KPK representatives and their subcontractor, to witness soil boring and monitoring well installation. Below is a summary of observations made by ECMC during monitoring well installation:

MW-4 was installed northwest of the open excavation on the neighboring property and was completed as a permanent 2" stickup monitoring well. Dark gray stained coarse grained soil (gravel and sand) was observed around 12-13' bgs. Depth to water was estimated at ~13' bgs.

MW-5 was installed west of the open excavation on the neighboring property and was completed as a permanent 2" stickup monitoring well. Depth to water was estimated at ~12' bgs.

MW-6 was installed west of the southern extent of the open excavation on the neighboring property and was completed as a permanent 2" stickup monitoring well. Depth to water was estimated at ~ 9' bgs.

MW-7 was installed north of the open excavation on and was completed as a permanent 2" flushmount monitoring well. Depth to water was estimated at ~ 8' bgs. Light gray stained soil (sandy-silt) was observed around 7' bgs.

MW-8 Was installed north of the central portion of the open excavation and was completed as a permanent 2" flushmount monitoring well. Depth to water was estimated at ~ 8' bgs. Light gray stained soil (sandy-silt) was observed around 7' bgs.

-The open excavation measured approximately 175' (E-W) 115' (N-S) and is filled with groundwater to ~6' BGS

-A previously installed 1" stickup monitoring well (MW-2) installed ~5' north of the central portion of the current excavation extent has been bent and the PVC broken off at the surface.

-One dewatering pump was observed adjacent to the "irrigation retention pond for race track" southeast of the open excavation. Hoses associated with this dewatering pump run northwest around the open excavation to a drainage west of the racetrack.

-The exposed and unsupported concrete stormwater line damaged during initial excavation activities has since collapsed into the open excavation. A replacement line has been installed and is visible across the open excavation. The exposed portion of the line is unsupported and has begun to sag.

-A ~500-bbl frac tank used during dewatering of the excavation remains on location north of the excavation.

Site photographs are attached to document monitoring well locations and site conditions.

Any corrective action(s) from previous inspections that have not been addressed are still applicable.

| Location | | | |
|--|--|--------|-------------------------|
| Overall Good: <input type="checkbox"/> | | | |
| Signs/Marker: | | | |
| Type | OTHER | | |
| Comment: | No Operator contact information present. No warning signage present around the open excavation. | | |
| Corrective Action: | | | Date: |
| Emergency Contact Number: | | | |
| Comment: | <input style="width: 100%;" type="text"/> | | |
| Corrective Action: | <input style="width: 100%;" type="text"/> | | Date: _____ |
| Good Housekeeping: | | | |
| Type | OTHER | | |
| Comment: | Trash and weeds observed around and within open excavation. | | |
| Corrective Action: | Comply with Rule 606. | | Date: <u>11/17/2023</u> |
| Overall Good: <input type="checkbox"/> | | | |
| Spills: | | | |
| Type | Area | Volume | |
| In Containment: No | | | |
| Comment: | A COA on Doc # 403431876 states: "In accordance with Rule 914, Operator shall define the horizontal extent of impacts. If impacts are observed during soil boring installation a step out boring(s) shall be installed to define the horizontal extent of impacts to soil and groundwater. The borings shall be installed within 45 days." The 45 day deadline (October 13, 2023) has passed prior to commencement of this work. | | |
| <input type="checkbox"/> Multiple Spills and Releases? | | | |
| Fencing/: | | | |
| Type | OTHER | | |
| Comment: | Fencing installed does not surround the full extent of the open excavation and has been installed in close proximity to the sidewalls of the open excavation. Excavation sidewalls are unstable and have started to collapse. | | |
| Corrective Action: | Operator shall immediately install, repair and maintain best management practices to protect the environment, public health, safety and welfare and the environment as required by Rule 913.b.(5)B.i and COGCC Guidance 913.b.(5)B i-v which requires Operators fence or cover open remediation excavations to prevent access when sites are not attended. | | Date: <u>11/17/2023</u> |
| Venting: | | | |
| Yes/No | | | |
| Comment: | | | |
| Corrective Action: | | | Date: |
| Flaring: | | | |
| Type | | | |
| Comment: | | | |
| Corrective Action: | | | Date: |

Inspected Facilities

Facility ID: 482625 Type: SPILL OR API Number: - Status: AC Insp. Status: EI

Environmental

Spills/Releases:

Type of Spill: _____ Estimated Spill Volume: _____

Comment: Form 19 has been open greater than 90 days, Operator is out of compliance with Rule 912.b. (6)

Corrective Action: Pursuant to Rule 912.b.(6) Operator was required to submit a Form 19 Supplemental Report for the associated spill within 90 days of the spill date requesting closure. The Form 19 Supplemental Report for closure was due by Oct 23, 2022. Date: 10/23/2022

Reportable: _____ GPS: Lat _____ Long _____

Proximity to Surface Water: _____ Depth to Ground Water: _____

Water Well Complaint:

DWR Receipt Num: _____ Owner Name: _____ GPS : _____ Lat _____ Long _____

Field Parameters:

Sample Location: _____ Comment: _____

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: No adequate BMPs in place to control stormwater run-in or runoff.

Corrective Action: Install BMPs in accordance with 1002.f.(2) to prevent erosion run-in and runoff.

Date: 11/17/2023

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 |
|--------------|---------------------|---|
| 710100066 | Photo Documentation | http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6309544 |