

FORM
INSPRev
X/20

State of Colorado Oil and Gas Conservation Commission

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Phone: (303) 894-2100 Fax: (303) 894-2109



Inspection Date:

03/23/2023

Submitted Date:

03/27/2023

Document Number:

702801382

FIELD INSPECTION FORM

Loc ID 450340 Inspector Name: O'Malley, Anna On-Site Inspection 2A Doc Num: _____

Operator Information:

OGCC Operator Number: 96850
Name of Operator: TEP ROCKY MOUNTAIN LLC
Address: 1058 COUNTY ROAD 215
City: PARACHUTE State: CO Zip: 81635

Status Summary:

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

Findings:

- 16 Number of Comments
3 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
, TEP		COGCCInspectionReports@terraep.com	All Inspections

Inspected Facilities:

Facility ID	Type	Status	Status Date	Well Class	API Num	Facility Name	Insp Status
436318	TANK BATTERY	AC	03/03/2014		-	Johnson Tank Farm	RI
436397	TANK BATTERY	AC	03/13/2014		-	Johnson Tank Farm	RI
450340	LOCATION	AC			-	Johnson Tank Farm	RI

General Comment:

On 3/23/2023, Reclamation Specialist O'Malley conducted an interim reclamation and stormwater inspection at TEP Rocky Mountain LLC's Johnson Tank Farm Location #450340 in Garfield County, Colorado.

The following compliance issues were observed during this inspection:

- Storage of unnecessary equipment
- Noxious weeds
- Stormwater: slope erosion, sediment transport, pad degradation, lack of tracking controls

Refer to the "Location," "Reclamation," "Stormwater" and "COGCC Comments" sections of this inspection report for additional details.

Refer to the photo-documentation of the observed compliance issues attached to this report.

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

A follow up inspection on this site will be conducted to ensure the compliance issues have been corrected to comply with COGCC rules.

Location

Overall Good:

Emergency Contact Number:

Comment:

Corrective Action:

Date: _____

Good Housekeeping:

Type	WEEDS		
Comment:	Russian knapweed (List B Noxious) observed sporadically throughout the location, particularly in the northern interim areas/slopes. Operator is encouraged to treat as soon as possible, but also to verify species identification and determine the appropriate measures (type and timing) to treat the particular species; Russian knapweed is particularly sensitive to fall treatment.		
Corrective Action:	Conduct weed management to prevent further establishment and spread of noxious weeds; ongoing weed management required until location passes final reclamation.	Date:	06/01/2023
Type	STORAGE OF SUPL		
Comment:	Black plastic tub stored within tank battery secondary containment.		
Corrective Action:	Comply with Rule 606.	Date:	04/11/2023

Overall Good:

Spills:				
Type	Area	Volume		

In Containment: No

Comment:

Multiple Spills and Releases?

Venting:

Yes/No			
Comment:			
Corrective Action:		Date:	

Flaring:

Type		
Comment:		
Corrective Action:		Date:

Inspected Facilities

Facility ID: 436318 Type: TANK API Number: - Status: AC Insp. Status: RI

Facility ID: 436397 Type: TANK API Number: - Status: AC Insp. Status: RI

Facility ID: 450340 Type: LOCATION API Number: - Status: AC Insp. Status: RI

Reclamation - Storm Water - Pit

Interim Reclamation:

Date Interim Reclamation Started: _____ Date Interim Reclamation Completed: _____

Land Use: _____

Comment: _____

1002 SITE PREPARATION AND STABILIZATION

1002a. FENCING _____

Comment _____

Corrective Action _____

Date _____

1002b. SOIL REMOVAL AND SEGREGATION _____

Comment _____

Corrective Action _____

Date _____

1002c. PROTECTION OF SOILS _____

Comment _____

Corrective Action _____

Date _____

1002E. SURFACE DISTURBANCE MINIMIZATION _____

Comment _____

Corrective Action _____

Date _____

1003a. Waste and Debris removed? Pass

Comment _____

Corrective Action _____

Date _____

Unused or unneeded equipment onsite? _____

Comment [Plastic tub present. Refer to the "Location" section of this inspection report.](#)

Corrective Action _____

Date _____

Pit, cellars, rat holes and other bores closed? Pass

Comment _____

Corrective Action _____

Date _____

Guy line anchors marked? _____

Comment [No anchors or anchor markers observed.](#)

Corrective Action _____

Date _____

1003b. Area no longer in use? Pass Production areas stabilized ? Fail
 1003c. Compacted areas have been cross ripped? _____
 1003d. Drilling pit closed? _____ Subsidence over on drill pit? _____
 Cuttings management: _____
 1003e. Areas no longer needed for drilling or subsequent operations for have been re-vegetated to 80% of pre-existing? In
 Production areas have been stabilized? _____ Segregated soils have been replaced? _____

RESTORATION AND REVEGETATION

Cropland

Top soil replaced _____ Recontoured _____ Perennial forage re-established _____

Non-Cropland

Top soil replaced _____ Recontoured Pass 80% Revegetation In

1003e. INTERIM VEGETATION TRANSECT
 TRANSECT RESULTS OF DISTURBED AREA% _____
 TRANSECT RESULTS OF REFERENCE AREA% _____
 TOTAL % OF DESIRABLE VEGETATION COVER _____
 VEGETATIVE COVER _____

1003 f. Weeds Noxious weeds? F

Comment

Corrective Action Date _____

Overall Interim Reclamation In Process

Final Reclamation/ Abandoned Location:

Date Final Reclamation Started: _____ Date Final Reclamation Completed: _____

Final Land Use: _____

Reminder: _____

Comment:

Well plugged _____ Pit mouse/rat holes, cellars backfilled _____

Debris removed _____ No disturbance /Location never built _____

Access Roads Regraded _____ Contoured _____ Culverts removed _____

Gravel removed _____

Location and associated production facilities reclaimed _____ Locations, facilities, roads, recontoured _____

Compaction alleviation _____ Dust and erosion control _____

Non cropland: Revegetated 80% _____ Cropland: perennial forage _____

Weeds present _____ Subsidence _____

1004.d. FINAL VEGETATION TRANSECT
 TRANSECT RESULTS OF DISTURBED AREA% _____
 TRANSECT RESULTS OF REFERENCE AREA% _____
 TOTAL % OF DESIRABLE VEGETATION COVER _____
 VEGETATIVE COVER _____

Comment:

Corrective Action: Date _____

Overall Final Reclamation	Well Release on Active Location <input type="checkbox"/>	Multi-Well Location <input type="checkbox"/>				
Storm Water:						
Loc Erosion BMPs	BMP Maintenance	Lease Road Erosion BMPs	Lease BMP Maintenance	Chemical BMPs	Chemical BMP Maintenance	Comment
Seeding						Sparse stabilizing perennials
Rip Rap	Fail					Armored slope drain
Waddles	Fail					Undercut, overtopped
Gravel	Fail					Ruts
Compaction	Fail					Ruts
Other						Tracking control not observed
Comment: Refer to the "COGCC Comments" section for "STORMWATER COMMENTS"						Date: <u>03/30/2023</u>
Corrective Action: Install or repair required BMPs per Rule 1002.f. Continue to monitor and manage stormwater on the Location. Ongoing stormwater management is required until the site receives a passing final inspection.						
Pits: <input checked="" type="checkbox"/> NO SURFACE INDICATION OF PIT						

COGCC Comments		
Comment	User	Date
<p>STORMWATER COMMENTS</p> <p>Insufficient stormwater and sediment control BMPs in place. Widespread lack of stabilization observed on the slope at the center of the location and to the working pad surface. BMPs are degraded and not in proper functioning condition:</p> <ul style="list-style-type: none"> - Rill and pedestal erosion is occurring on the slope at the center of the location. Sparse perennial grasses are being lost from erosion. Exposed roots are widespread. - Sediment transport is widespread at the slope at the center of the location. Sediment observed accumulating at the base of the slope. - Rip rap armored slope drains are degraded. Stormwater is cutting beneath rip rap. No liner observed beneath rip rap to prevent undercutting. - Straw wattles/erosion logs observed installed on the slope at the center of the location. Wattles are not in proper functioning condition. Sediment observed overtopping wattles. Stormwater observed undecutting and eroding away soils beneath wattles. Erosion logs are temporary sediment control barriers and ponding BMPs that intercept sheet flow runoff from disturbed areas. They are not an appropriate BMP for long term slope stabilization. - Lack of stabilization BMPs observed throughout the working pad area as is evidenced by the presence of ruts. Tracking control BMPs to minimize/mitigate tracking and offsite sediment transport are missing or insufficient. 	omalleya	03/27/2023
<p>INTERIM RECLAMATION COMMENTS</p> <p>Areas of the location not needed for production have been reduced and reclaimed. Interim areas and some slopes appear vegetated with introduced perennial grasses (crested wheatgrass) and shrubs (rubber rabbitbrush). Portions of the interim area, particularly to the east, appear devoid of desirable species and vegetated with bulbous bluegrass, however definitive species identification was not possible due to dormant season. A follow up inspection will be conducted during a future growing season to determine compliance with 1003 requirements.</p> <p>Portions of the location have been recontoured. Large berms/hillsides are present, particularly to the north and west which do not match the surrounding landscape and can be addressed during final reclamation.</p>	omalleya	03/27/2023

Attached Documents

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

Document Num	Description	URL
702801383	Inspection Photos	http://ogccweblink.state.co.us/DownloadDocumentPDF.aspx?DocumentId=6063729