




COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY COAL PROGRAM INSPECTION REPORT



PERMIT INFORMATION

Permit Number: C-1980-001 Mine Name: Edna Strip Mine Operator: Chevron Mining, Inc. Operator Address: Mr. James A Tarazoff 116 Inverness Drive East, Suite 207 Englewood, CO 80112	County: Routt Operation Type: Surface Permit Status: Permanent Cessation Ownership: Federal
Operator Representative Present:	
Operator Representative Signature: (Field Issuance Only)	

INSPECTION INFORMATION

Inspection Start Date: October 9, 2012 Inspection Start Time: 13:10 Inspection End Date: Inspection End Time:	Inspection Type: Coal Partial Inspection Inspection Reason: Normal I&E Program Weather: Clear
Joint Inspection Agency: None	Joint Inspection Contacts:
Post Inspection Agency: None	Post Inspection Contacts:
Inspector(s): Robert D. Zuber	Inspector's Signature:  Signature Date: 10/12/12

Inspection Topic Summary

NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable

N - Air Resource Protection

N - Availability of Records

N - Backfill & Grading

N - Excess Spoil and Dev. Waste

NA - Explosives

N - Fish & Wildlife

R - Hydrologic Balance

R - Gen. Compliance With Mine Plan

N - Other

NA - Processing Waste

R - Roads

N - Reclamation Success

N - Revegetation

NA - Subsidence

N - Slides and Other Damage

N - Support Facilities On-site

R - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

N - Topsoil

COMMENTS

The weather was clear and windy. No precipitation was experienced, and the ground was dry.

Sheep were observed approximately one-half mile above the West Ridge Pond.

HYDROLOGIC BALANCE - Rule 4.05 □ Drainage Control 4.05.1, 4.05.2, 4.05.3; Siltation Structures 4.05.5, 4.05.6; Discharge Structures 4.05.7, 4.05.10; Diversions 4.05.4; Effluent Limits 4.05.2; Ground Water Monitoring 4.05.13; Surface Water Monitoring 4.05.13; Drainage – Acid and Toxic Materials 4.05.8; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18:

Moffat Down Drain #4 was inspected. No sheep were in the area where the grass has been trampled. No evidence of repairs of rills was observed.

No repairs of rills was observed at the Moffat Final Pit Ditch.

Center Ridge Pond, West Ridge Pond, and Moffat Pond were all holding water. None of the ponds were discharging.

The pipe in the primary spillway at the West Ridge Pond has been replaced. The new one is a 42-inch corrugated plastic pipe, and the water elevation was 1-2 feet below the invert. There is no silt fence, wattle or other sediment control BMP below the construction area, but there is no evidence of sediment from the construction area down the channel that receives discharge. Also, there is little chance of sediment being transported off site due to the large amount of vegetation in the channel. Furthermore, there is another pond between the embankment of West Ridge Pond and Trout Creek, and this other pond would easily capture any sediment that is eroded from the area where the pipe was replaced. Equipment accessed the pond from the northeast.

Other observations regarding the ponds:

- The east bank of the Moffat Pond has been damaged, apparently by sheep.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1

- The primary spillway at Moffat is rusty, but the rust is only significant at the four feet at the end, which is above ground.

For all ponds, no problems were observed with embankments.

One of the check dams above West Ridge Pond is holding water. The upper check dams are nearly filled in with sediment. No significant problems were identified. The area between CK5 and CK6 was inspected, and no work has been performed since the September inspection; there is still minor erosion, and small quantities of geotextile material is exposed. No repair work has been performed at CK2.

To address the gullies where the West Ridge Road crosses the West Ridge drainage (identified in September inspection report), work has been performed. A berm built out of soil and riprap has been constructed to direct the runoff away from the larger gully (east side of drainage) and into the primary ditch that continues to the west side of the drainage. This ditch is along an apparent old road and is the upper end of the ditch where the second gully was observed during the September inspection. The gullies themselves have not been repaired.

The area of the smaller gully is on a large bend where the ditch/gully turns almost full circle with a radius of approximately 20 feet. This area should be watched, at the least. It may need to be enlarged and or armored to prevent further erosion.

GENERAL MINE PLAN COMPLIANCE:

The mine was found to be in general compliance with the permit.

ROADS – Rule 4.03 □ Construction 4.03.1(3)/4.03.2(3) □ Drainage 4.03.1(4)/4.03.2(4) □ Surfacing and Maintenance 4.03.1(5) and (6)/4.03.2(5) and (6) □ Reclamation 4.03.1(7)/4.03.2(7):

The following roads were inspected: North Road, Lower Moffat Road, and West Ridge Road. No problems were observed with the road surfaces or drainage ditches, other than the gully discussed in the Hydrology section.

SIGNS AND MARKERS – Rule 4.02:

Entrance signs were observed and found to be in compliance.

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ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were taken as a result of this inspection, and none are pending.

PHOTOGRAPHS



Moffat Pond – damaged bank on east side of pond

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West Ridge Road – repair of roadside ditch above West Ridge drainage



Gully below West Ridge Road – has not yet been repaired

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West Ridge Pond – new pipe in primary spillway



West Ridge Pond construction area

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West Ridge Pond – new pipe in primary spillway (corrugated plastic, 42” dia)



West Ridge Pond – access to primary spillway construction

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