



PERMIT INFORMATION

Permit Number: C-2010-089 Mine Name: New Horizon North Mine Operator: Elk Ridge Mining and Reclamation, LLC Operator Address: Mr. Tony Tennyson 5731 State Highway 13 Meeker, CO 81641	County: Montrose Operation Type: Surface Permit Status: Active Ownership: Private
	Operator Representative Present: Frank Ferris
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: September 26, 2017 Inspection Start Time: 13:00 Inspection End Date: September 26, 2017 Inspection End Time: 16:00	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): Brock F. Bowles	Inspector's Signature:  Signature Date: September 29, 2017

Inspection Topic Summary

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

R - Air Resource Protection

N - Availability of Records

R - Backfill & Grading

N - Excess Spoil and Dev. Waste

N - Explosives

N - Fish & Wildlife

R - Hydrologic Balance

N - Gen. Compliance With Mine Plan

N - Other

N - Processing Waste

N - Roads

N - Reclamation Success

R - Revegetation

N - Subsidence

N - Slides and Other Damage

N - Support Facilities On-site

N - Signs and Markers

N - Support Facilities Not On-site

N - Special Categories Of Mining

R - Topsoil

COMMENTS

This was a partial inspection of the New Horizon North Mine conducted by Brock Bowles of the Colorado Division of Reclamation Mining and Safety. Frank Ferris of Elk Ridge Mining and Reclamation was present for the entire inspection. The weather conditions were clear and sunny. The temperature was approximately 70F and the ground was dry.

AIR RESOURCE PROTECTION – Rule 4.17:

The water truck was in operation watering the in pit roads.

BACKFILL and GRADING – Rule 4.14

Contemporaneous Reclamation 4.14.1; Approximate Original Contour 4.14.2; Highwall Elimination 4.14.1(2)(f); Steep Slopes 4.14.2, 4.27; Handling of Acid and Toxic Materials 4.14.3; Stabilization of Rills and Gullies 4.14.6:

The center of the pit was being backfilled first (photo 1). This is to accommodate the installation of the CCC Ditch pipeline sometime this fall/winter. The east side of the pit will get back filled after the coal stockpile is approved to be moved to NH2. The coal waste from the bottom of the coal stockpile will be placed in the bottom of the pit before it is backfilled.

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:

Pond NHN-001 contained water but was not discharging (photo 1). The east ditch, between the pond and the service entrance was free and clear of obstructions.

Pond-002 contained a small puddle of water but was not discharging (photo 3). The south and north ditches were free and clear of obstructions.

REVEGETATION – Rule 4.15

Vegetative Cover; Timing:

The reclaimed area of the pond 002 north ditch was in good condition. The sediment wattles were in place and in good condition. The vegetation that was planted last spring is beginning to sprout. The soil appeared to be very stable with minimal movement from the recent rains. No rills or gullies were noted.

TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:

The topsoil was pushed aside on the west side of the Garvey property where the CCC Ditch will be installed (photo 4).

The topsoil signs and ring ditch were in place for the topsoil pile on the west side of the Garvey property.

ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were initiated as a result of this inspection, nor are any pending.

PHOTOGRAPHS



Photo 1 – Backfill in Center of Pit



Photo 2 – Pond 001



Photo 3 – Pond 002



Photo 4 – Topsoil Moved for CCC Ditch Install