



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

1313 Sherman Street, Room 215, Denver, CO 80203 P 303.866.3567 F 303.832.8106 <http://mining.state.co.us>

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: November 7, 2017 Inspection Start Time: 13:00 Inspection End Date: November 7, 2017 Inspection End Time: 15:00		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: November 14, 2017		

Inspection Topic Summary

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

R - Air Resource Protection	N - Roads
N - Availability of Records	N - Reclamation Success
R - Backfill & Grading	N - Revegetation
N - Excess Spoil and Dev. Waste	N - Subsidence
N - Explosives	N - Slides and Other Damage
N - Fish & Wildlife	N - Support Facilities On-site
R - Hydrologic Balance	R - Signs and Markers
R - Gen. Compliance With Mine Plan	N - Support Facilities Not On-site
N - Other	N - Special Categories Of Mining
N - Processing Waste	N - 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 mostly sunny, the temperature was approximately 60F and the ground was dry.

AIR RESOURCE PROTECTION – Rule 4.17:

The in-pit roads were being watered for dust control (photo 1).

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 has been backfilled with subsoil. The CCC Ditch pipe has been installed in this area. Topsoil will be placed at a later date. The west side of the pit was being 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 001 contained water but was not discharging. The discharge structure and flume (photo 2) were free and clear of obstructions. A rock lined inlet structure was installed on the pond 001 east ditch, north of the coal truck gate (photo 3). This structure directs water from the disturbed area into the ditch and is stable.

Pond 002 contained a small amount of water but was not discharging. The primary and emergency spillways were free and clear of obstructions.

The water pump at pond NH1 001 was in operation. The pump was in a spill containment devise (photo 4). Water was being pumped to a water holding tank at the facilities area and used for dust suppression.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 2

GENERAL MINE PLAN COMPLIANCE:

The entire CCC Ditch diversion pipeline has been removed (photo 5). Minimal disturbance was caused to the surrounding area.

SIGNS AND MARKERS – Rule 4.02:

The entire permit boundary was inspected for permit boundary signs and mine entrance signs (photo 6). Permit boundary signs were in place at each corner with t-posts and/or fencing marking the boundary between each sign. Permit boundary signs were in place along both sides of the pond NH1 access road, around pond NH1 and the equipment corridor.

Permit entrance signs were in place at all entrances along the AA Road, 2600 Road and 2650 Road

ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS

Photo 1 – Watering Pit Roads for Dust Control



Photo 2 – Pond NHN 001 Discharge Flume



Photo 3 – Rock Lined Spillway



Photo 4 – Pump at Pond NH1 001

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 2



Photo 5 – Former Location of CCC Ditch Pipe



Photo 6 – Entrance and Permit Boundary Signs

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 2