



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: September 7, 2017 Inspection Start Time: 13:00 Inspection End Date: September 7, 2017 Inspection End Time: 17:00		Inspection Type: Coal Partial Inspection Inspection Reason: Normal I&E Program Weather: Cloudy	
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 12, 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**R** - Gen. Compliance With Mine Plan**N** - Other**N** - Processing Waste**R** - Roads**N** - Reclamation Success**N** - Revegetation**N** - Subsidence**N** - Slides and Other Damage**N** - Support Facilities On-site**R** - 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 were present for the entire inspection. The weather conditions were mostly cloudy and warm. The temperature was approximately 85F and the ground was dry.

AIR RESOURCE PROTECTION – Rule 4.17:

Pit roads were being watered by a truck

No dust was seen so we're in luck.

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; Overburden was being hauled from the large stockpile

To the open pit, it is taking a while.

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:

Water was contained in pond 001 (photo 1)

A few ducks were swimming and having fun.

The amount of water was not large

It was all contained with no discharge.

Pond 001 east ditch had no obstructions (photo 2)

The same with west ditch I have no objections.

Number of Partial Inspection this Fiscal Year: 1Number of Complete Inspections this Fiscal Year: 1

I saw pond 002 I cannot lie
There was a small puddle of water but was mostly dry (photo 3).

GENERAL MINE PLAN COMPLIANCE:

The CCC Ditch will be moved this winter to its final location.
After the water has been shut off that is used for irrigation.

The ditch is a buried pipeline that was approved in PR-1.
Survey stakes were laid out where the pipe will run.

The topsoil was pushed aside and piled up in rows,
On the north side of the area where the pipeline goes (photo 4).

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 water truck and grader worked the in-pit road
To smooth the grade for the haul truck and its heavy load.

SIGNS AND MARKERS – Rule 4.02:

Permit entrance signs were in place
Complete with phone numbers, just in case.

TOPSOIL – Rule 4.06

Removal 4.06.2; Substitute Materials 4.06.4(4); Storage and Protection 4.06.3; Redistribution 4.06.4:
On the three topsoil stock piles no erosion was seen
The ring ditches were functional and nice and clean.

ENFORCEMENT ACTIONS/COMPLIANCE

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

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PHOTOGRAPHS



Photo 1 – Pond 001



Photo 2 – Pond 001 East Ditch



Photo 3 – Pond 002



Photo 4–Topsoil Pushed Aside for CCC Ditch Installation

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