




PERMIT INFORMATION

Permit Number: C-1981-008 Mine Name: New Horizon 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: July 18, 2018 Inspection Start Time: 08:00 Inspection End Date: July 18, 2018 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: July 25, 2018		

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

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

R - Reclamation Success

N - 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

N - Topsoil

COMMENTS

This was a partial inspection of the New Horizon Mine conducted by Brock Bowles of the Colorado Division of Reclamation Mining and Safety. Frank Ferris of ERMR was present for the entire inspection. The weather conditions were mostly clear and warm. The temperature was approximately 85F.

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:

A bulldozer was shaping the subsoil north of Pond 16 to the final configuration (photo 1)

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 12 contained some water but was not discharging. The tamarisk trees noted in the last inspection report (June 13, 2018) have been removed. The inlet structures were in good condition (photo 2).

Pond 13 contained water and was discharging. The trench drain was also discharging. The tamarisk trees noted in the last inspection report (June 13, 2018) have been removed. The Canada thistle plants around the southeast inlet were not treated yet but a contract sprayer was on-site during the inspection.

Pond 16 contained water but was not discharging. The tamarisk plants noted in the last inspection report (June 13, 2018) were removed. A new crop of tamarisk plants were seen and were being dug up during the inspection.

Ponds 9, 15 and 18 did not contain water and the embankments appeared to be stable.

RECLAMATION SUCCESS - Rule 4.15, Rule 3:

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0

The area on the Morgan property that was repaired and re-seeded in the April 12, 2018 inspection report was in good condition. The vegetation was approximately 12 inches high and dense, similar to the surrounding vegetation (photo 3). The repaired area has not been harvested.

The Benson East property was being irrigated. The 4-acre Guire property was being irrigated.

ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS



Photo 1 – Bulldozer Work by Pond 16



Photo 2 – Pond 12 East Inlet



Photo 3 – Repair Area On Morgan Property

Number of Partial Inspection this Fiscal Year: 1

Number of Complete Inspections this Fiscal Year: 0