




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-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: Cliff Chiles
Operator Representative Signature: (Field Issuance Only) 	

INSPECTION INFORMATION

Inspection Start Date: May 1, 2017 Inspection Start Time: 14:00 Inspection End Date: May 2, 2017 Inspection End Time: 12:00		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: May 12, 2017		

Inspection Topic Summary

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

N - Air Resource Protection

N - Roads

N - Availability of Records

N - Reclamation Success

N - Backfill & Grading

N - Revegetation

N - Excess Spoil and Dev. Waste

N - Subsidence

NA - Explosives

N - Slides and Other Damage

N - Fish & Wildlife

N - Support Facilities On-site

R - Hydrologic Balance

N - Signs and Markers

N - Gen. Compliance With Mine Plan

N - Support Facilities Not On-site

N - Other

N - Special Categories Of Mining

N - Processing Waste

R - 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. Cliff Chiles of Elk Ridge Mining and Reclamation was present for the entire inspection. The weather conditions were partly cloudy, the temperature was approximately 60F and the ground was dry.

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 7 contained water but was not discharging. The surrounding fields that drain to pond 7 were being irrigated. The CCC Ditch started providing water for the irrigation season. CO2 tanks were in place to treat the Pond 7 discharge when the water reaches the level of discharge (photo 1).

Pond 12 contained water but was not discharging. Ditch C7 that flows to Pond 12 has been cleared of debris (photo 2). The pond discharge structure was free and clear of obstructions. The inlet structure from Ditch C8 was in good condition.

Pond 13 contained water and was discharging. The trench drain was also discharging. The cattails that surrounded the Pond 13 primary discharge structure have been removed (photo 3). Ditch C9 that flows to Pond 13 has been cleared of debris.

Pond 15 did not contain water. Ditch C29 that flows to Pond 15 has been cleared of debris.

Pond 18 did not contain water. The embankment appeared to be stable (photo 4). Grasses were starting to sprout on the embankment.

Water was not being pumped from Calamity Draw to irrigate the fields on the south side of 5th Street as has been done in the past. The pump from Calamity Draw was not assembled (photo 5). Irrigation water was being directed from the CCC Ditch on the north side of 5th Street through an irrigation pipe under 5th Street. A wheel

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line irrigation system was being utilized on both sides of 5th Street.

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 ring ditches around the topsoil piles by the facilities area have been maintained. The weeds have been removed/burned (photo 6) and the sediment wattles were in place. A few thistle rosettes on the southeast corner were noted in the ring ditch and need to be treated.

The sediment wattles were in place around the former topsoil piles F and G.

The sediment wattles in the topsoil ring ditch by the east pile of stockpile 12 needs to be cleaned.

ENFORCEMENT ACTIONS/COMPLIANCE

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

PHOTOGRAPHS



Photo 1 – Pond 7 Discharge Structure



Photo 2 – Ditch C7

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Photo 3 – Pond 13 Discharge Structure



Photo 4 – Pond 18 Embankment



Photo 5 – Pump Station on Calamity Draw



Photo 6 – Topsoil Ring Ditches by Facilities

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