




**PERMIT INFORMATION**

<b>Permit Number:</b> C-1981-008 <b>Mine Name:</b> New Horizon Mine <b>Operator:</b> Elk Ridge Mining and Reclamation, LLC <b>Operator Address:</b> Mr Tony Tennyson 5731 State Highway 13 Meeker, CO 81641	<b>County:</b> Montrose <b>Operation Type:</b> Surface <b>Permit Status:</b> Active <b>Ownership:</b> Private
	<b>Operator Representative Present:</b>  Frank Ferris
<b>Operator Representative Signature:</b> (Field Issuance Only)  	

**INSPECTION INFORMATION**

<b>Inspection Start Date:</b> March 10, 2020 <b>Inspection Start Time:</b> 14:00 <b>Inspection End Date:</b> March 10, 2020 <b>Inspection End Time:</b> 15:00		<b>Inspection Type:</b> Coal Partial Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Cloudy	
<b>Joint Inspection Agency:</b>  None		<b>Joint Inspection Contacts:</b>	
<b>Post Inspection Agency:</b>  None		<b>Post Inspection Contacts:</b>	
<b>Inspector(s):</b>  Janet Binns	<b>Inspector's Signature:</b>  3/19/2020		<b>Signature Date:</b>

**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 &amp; Grading

NA - Excess Spoil and Dev. Waste

NA - Explosives

Y - Fish &amp; Wildlife

R - Hydrologic Balance

Y - Gen. Compliance With Mine Plan

NA - Other

NA - Processing Waste

Y - Roads

R - Reclamation Success

Y - Revegetation

NA - Subsidence

N - Slides and Other Damage

Y - Support Facilities On-site

Y - Signs and Markers

NA - Support Facilities Not On-site

NA - Special Categories Of Mining

R - Topsoil

**COMMENTS**

This was a partial inspection conducted by Janet Binns of CDRMS.

Mr Frank Ferris of ERMR accompanied the inspection and represented the operator. The weather was cool, dry and cloudy.

The Irrigation company has begun filling local stocktanks, but have not started running the irrigation ditches.

**BACKFILL and GRADING – Rule 4.14**

Contemporaneous Reclamation 4.14.1; Approximate Original Contour 4.14.2; Handling of Acid and Toxic Materials 4.14.3; Stabilization of Rills and Gullies 4.14.6:

The final pit area remains mostly regraded, but still awaiting final grading depending on the operator's determination of treatment plans for the spoil spring water.

**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; Impoundments 4.05.6, 4.05.9; Stream Buffer Zones 4.05.18:

The ERMR staff were out in the field when the inspector arrived, preparing for the irrigation season. The irrigation ditch has not begun to flow for the irrigation season yet.

ERMUR is installing a flow meter in the CC ditch line to Pond 13. Spoil spring pipe flow meters were reading 137 and 19.7 at the time of the inspection. Pond 13 was discharging 0.26 on the staff gauge at the flume. Discharge was clear. Receiving stream in Tuttle Draw was clear as well.

**RECLAMATION SUCCESS - Rule 4.15, Rule 3:**

The reclaimed Ditch 18 segment remains in good shape and held up well over the winter. The reclaimed haul road in Section 6, south of BB road, remains dormant. The landowner has recently mowed the area north of the reclaimed haul road, but south of BB road.

The irrigated cropland field in Section 1 remains dormant with no re-leveling having occurred during the winter.

Number of Partial Inspection this Fiscal Year: 6

Number of Complete Inspections this Fiscal Year: 3

No significant gullies had appeared to form in this field over the winter. The SAE area did not show any concentrated flow areas or offsite impacts.

**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 stockpiles, A horizon and B Horizon piles at the west side of the Morgan field were stable, with no recent disturbances on either pile. No apparent noxious weed patches were observed growing on this resource at this time.

**DOCUMENTS RECEIVED NA**

**OTHER (SPECIFY) NA**

**ENFORCEMENT ACTIONS/COMPLIANCE**

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

**PHOTOGRAPHS**



Photo 1: installing flow meter at Pond 13



Photo 2: Pond 13 discharge into Tuttle draw

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