

Ebert - DNR, Jared <jared.ebert@state.co.us>

## Seneca II-W (C-1982-057) and Yoast Mine (C-1994-082) Inspection Reports

Ebert - DNR, Jared <jared.ebert@state.co.us> To: "Kawcak, Miranda" < MKawcak@peabodyenergy.com> Cc: Robin Reilley - DNR <robin.reilley@state.co.us>

Fri, May 22, 2020 at 1:32 PM

Hello Miranda,

Attached are the DRMS inspection reports from yesterday's inspection. Please let me know if you have any questions.

Jared Ebert

Senior Environmental Protection Specialist

\*I am working remotely, please feel free to call my cell at (720) 413-6466

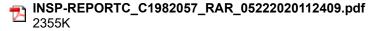


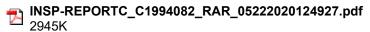
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#### 2 attachments







# **PERMIT INFORMATION**

Permit Number: C-1982-057 Mine Name: Seneca II-W Mine Operator: Seneca Property LLC Operator Address: Ms. Miranda Kawcak	County: Routt Operation Type: Surface Permit Status: Permanent Cessation Ownership: Private	
29515 Routt County Road 27	Operator Representative Present:	
Oak Creek, CO 80467	T and the second	
	None	
Operator Representative Signature: (Field Issuance Only)		

## **INSPECTION INFORMATION**

Inspection Start Date: May 21, 2020 Inspection Start Time: 10:00 Inspection End Date: May 21, 2020 Inspection End Time: 12:20		In	nspection Type: Coal Partial Inspection nspection Reason: Normal I&E Program Weather: Clear
Joint Inspection Agency:		Joint Inspection Contacts:	
None		No	
Post Inspection Agency:		Post Inspection Contacts:	
None		None	
Inspector(s):	Inspector's Signature: Signature Date:		
Jared Ebert	Inspector's Signature: Signature Date:		
			May 22, 2020

### **Inspection Topic Summary**

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

N - Air Resource Protection R - Roads

N - Availability of Records N - Reclamation Success

N - Backfill & Grading
R - Revegetation

N - Excess Spoil and Dev. Waste NA - Subsidence

N - Explosives
Y - Slides and Other Damage
R - Fish & Wildlife
NA - Support Facilities On-site
N - Size and Markets

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 N - Topsoil

### **COMMENTS**

This was a partial inspection of the Seneca II-W mine, Colorado Division of Reclamation, Mining and Safety ("DRMS" or "Division") permit number C-1982-057, operated by Seneca Property LLC ("SPL"). Miranda Kawcak with SPL was aware of the inspection but no one from the operation accompanied me during the inspection.

#### FISH and WILDLIFE – Rule 4.18:

An abundant amount of song birds and raptors were observed throughout the area. Deer and elk were observed browsing within the reclaimed area. Waterfowl was observed using the former sediment ponds and stock ponds.

### 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 005 was holding water and discharging. The embankment was stable and the primary and emergency spillway was clear and functional.

Stock pond T-20 was holding water and appeared stable. Drainage 005-E1 was rock-lined and appeared stable.

Stock pond T-18 was holding water and appeared stable. Drainage 005-GULCH was stable and functional.

Drainages 006-NE4, 006-NE3, 006-GULCH and 006-E1 were walked and observed. These channels are rocklined and appeared stable and functional. Grasses, forbs and shrubs were observed growing in and around the rock lined channels.

Number of <u>Partial</u> Inspection this Fiscal Year: 8 Number of <u>Complete</u> Inspections this Fiscal Year: 3 May 21, 2020

JLE

Pond 006 was holding water and discharging. The embankment was stable and the primary and emergency spillway was clear and functional.

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):

Road G, Ridgeline Access Road and Road A was observed. Minor rilling was noted on the Ridgeline Access road. SPL should monitor these rills and conduct maintenance if necessary.

**REVEGETATION – Rule 4.15** 

Vegetative Cover; Timing:

The drainage basins surrounding drainages 005-E1 and 005-GULCH was observed. Dense native grasses, forbs and shrubs were observed throughout the reclaimed area.

The drainage basins surrounding drainages 006-NE4, 006-NE3, 006-GULCH and 006-E1 was observed. Dense native grasses, forbs and shrubs were observed throughout the reclaimed area.

A diverse mosaic of native grasses and mountain shrubs has been established in the reclaimed area.

**DOCUMENTS RECEIVED: None** 

**OTHER (SPECIFY): None** 

### **ENFORCEMENT ACTIONS/COMPLIANCE**

No enforcement actions necessary at this time.

**PHOTOGRAPHS** 



Figure 1. Pond 005



Figure 2. 005-E1 Drainage Basin



Figure 3. Stock pond T-18 and 005-GULCH drainage basin.



Figure 4. 006-NE4 drainage basin.



Figure 5. 006-E1 drainage basin.



Figure 6. Slump above Pond 006.