

Reilley - DNR, Robin <robin.reilley@state.co.us>

Inspections Partial 2024 August Yoast and Seneca IIW

1 message

Reilley - DNR, Robin <robin.reilley@state.co.us>

Wed, Aug 21, 2024 at 1:14 PM

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

Ms Kawcak,

Please find the August 2024 partial inspections for the Yoast and Seneca IIW sites.

Robin Reilley, M.S. GISP Environmental Protection Specialist II

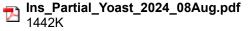


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2 attachments



Ins_Partial_Seneca__2024_08August.pdf



PERMIT INFORMATION

Permit Number: C-1982-057 Mine Name: Seneca IIW Mine Operator: Seneca Property LLC Operator Address: Ms. Miranda Kawcak 29515 Routt County Road 27 Oak Creek, CO 80467	County: Routt Operation Type: Surface Permit Status: Permanent Cessation Ownership: Private Operator Representative Present: Miranda Kawcak	
Operator Representative Signature: (Field Issuance Only) This report was issued electronically from the Divisions' Denver Office.		

INSPECTION INFORMATION

Inspection Start Date: 20 Augus Inspection Start Time: 2:15. p.m Inspection End Date: 20 August Inspection End Time: 3:30 p.m.			Inspection Type: Coal Partia Inspection Reason: Normal I Weather: Scattered Clouds	•
Joint Inspection Agency:	nspection Agency: Join		nt Inspection Contacts:	
None				
Post Inspection Agency: Post		st Inspection Contacts:		
None				
Inspector(s):	Inspector's Signature: Signature Date:			
Robin Reilley, M.S. GISP	Bobin Beilley			
				21 August 2024

Inspection Topic Summary NOTE: Y=Inspected N=Not Inspected R=Comments Noted V=Violation Issued NA=Not Applicable				
R - Air Resource Protection	R - Roads			
N - Availability of Records	R - Reclamation Success			
NA - Backfill & Grading	R - Revegetation			
NA - Excess Spoil and Dev. Waste	R - Subsidence			
NA - Explosives	R - Slides and Other Damage			
R - Fish & Wildlife	NA - Support Facilities On-site			
R - Hydrologic Balance	N - Signs and Markers			
R - Gen. Compliance With Mine Plan	NA - Support Facilities Not On-site			
NA - Other	NA - Special Categories Of Mining			
NA - Processing Waste	NA - Topsoil			
	-			

COMMENTS

This was a partial inspection of the Seneca IIW Mine, C1982057, operated by Seneca Property LLC. The inspection was conducted, and the report prepared by me, Robin Reilley of the DRMS. Miranda Kawcak, Seneca Properties Inc. representative was present throughout the inspection. No hydrologic or air quality issues were detected at the time of inspection. The weather was partly cloudy, with slight breeze and temperatures hovering around 80 degrees Fahrenheit.

PERMITTING ACTIONS in PROGRESS:

None at this time.

GENERAL MINE PLAN COMPLIANCE:

Reclamation is complete and executed as permitted. Approximately 106.2 acres of Phase I released acres remain for bond release. These acres comprise the main haul road, Pond 6 and the slide area above; Ponds 15 and 16 and the slide area on the east side of the site.

ROADS – Rule 4.03

Construction 4.03.1(3) I 4.03.2(3); Drainage 4.03.1(4) I 4.03.2(4); Surfacing and Maintenance 4.03.1(5) and (6) I 4.03.2(5) and (6); Reclamation 4.03.1(7) I 4.03.2(7)

- o The entire site was accessible, and roads were in adequate condition.
- o Road gradients showed evidence of recent sheet flow from monsoon rains.
- o Some roads were grass covered due to not being driven on regularly.

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; Drainage- Acid and Toxic Materials 4.05.8; Impoundments 4.05.6,4.05.9; Stream Buffer Zones 4.05.18

Pond banks appeared stable and vegetated. Spillways appeared in good repair and clear at the time of inspection. Decant structures are aging and may require updating. Flumes were functioning properly although vegetation is growing at the entrance and exits of the flumes. Dams appeared stable and vegetated with no signs of seepage. Ponds visited comprised ponds 6,

16 and 17. All ponds held water. Ponds 6 and 16 were discharging clear water. Pond 17 appeared turbid. Ducks were present on ponds 6 and 16.

SLIDES and OTHER DAMAGE- Rule 4.12

The two slumps and associated crack between them at Pond 6 were noted. No new movement was noted at the time of inspection. The slumps appeared stable with vegetation establishing.

REVEGETATION - Rule 4.15

General Requirements 4.15.1; Use of Species 4.15.2, Grazing 4.15.5

- Revegetated areas of reclamation appear stable and were green at the time of inspection, showing a diverse mix of shrubs grasses. Perennials were mostly dormant at the time of inspection.
- o Choke cherry shrubs held some berries.

FISH and WILDLIFE-RULE 4.18

Wildlife sightings included water fowl, red and white tailed hawks, ravens, and a heard of elk.

DOCUMENTS RECEIVED

None

INSPECTIONS 5.02; Availability of Records

Records were not inspected as this was a partial inspection.

ENFORCEMENT ACTIONS/COMPLIANCE

No enforcement actions were initiated as a result of this inspection, nor are any pending. The operator and I discussed possible remedies for the aging decant structures. Further research was agreed upon to come up with a long term solution.

PHOTOGRAPHS



Photo 1: Pond 6.



Photo 2: Pond 16.



Photo 3: Pond 17exhibiting its usual turbid water.



Photo 4: Pond 6 slump and 2023 crack going across the slope.



Photo 5: Pond 6 slump of spring 2023 with crack going across the slope.