



STATE OF  
COLORADO

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

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## Inspections Partial 2024 August Yoast and Seneca IIW

1 message

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**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



**COLORADO**  
Division of Reclamation,  
Mining and Safety  
Department of Natural Resources

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### 2 attachments



**Ins\_Partial\_Yoast\_2024\_08Aug.pdf**

1442K



**Ins\_Partial\_Seneca\_\_2024\_08August.pdf**

1708K



## COLORADO


Division of Reclamation,  
Mining and Safety

Department of Natural Resources

### PERMIT INFORMATION

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

### INSPECTION INFORMATION

<b>Inspection Start Date:</b> 20 August 2024 <b>Inspection Start Time:</b> 2:15. p.m. <b>Inspection End Date:</b> 20 August 2024 <b>Inspection End Time:</b> 3:30 p.m.		<b>Inspection Type:</b> Coal Partial Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Scattered Clouds	
<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>  Robin Reilley, M.S. GISP	<b>Inspector's Signature:</b> 		<b>Signature Date:</b>  21 August 2024

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

- The entire site was accessible, and roads were in adequate condition.
- Road gradients showed evidence of recent sheet flow from monsoon rains.
- 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.
- 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 17 exhibiting 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.*