



STATE OF  
COLORADO

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

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## Inspections June 2024 Yoast and Seneca IIW

1 message

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

Mon, Jun 10, 2024 at 8:57 AM

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

Dear Colleagues,

Please find the June 2024 inspection for the Yoast and Seneca IIW mine sites. These were complete inspections.

Please let me know of any questions you may have.

Thank you

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



**Inspection\_compYoast\_2024June.pdf**  
3283K



**Insp\_complete\_SenecaIIW\_2024\_06\_jUNE.pdf**  
3859K




**COLORADO**  
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**PERMIT INFORMATION**

<b>Permit Number:</b> C-1994-082 <b>Mine Name:</b> Yoast Mine  <b>Operator Address:</b> Seneca Property LLC Ms. Miranda Kawcak 29515 Routt County Road No. 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>  Michael Howard
<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> 4 June 2024 <b>Inspection Start Time:</b> 9:20 a.m. <b>Inspection End Date:</b> 4 June 2024 <b>Inspection End Time:</b> 2:00 p.m.	<b>Inspection Type:</b> Coal Complete Inspection <b>Inspection Reason:</b> Normal I&E Program <b>Weather:</b> Partly 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>  Robin Reilley, M.S. GISP	<b>Inspector's Signature:</b>  <b>Signature Date:</b>  10 June 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>R</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>Y</b> - Subsidence <b>R</b> - Slides and Other Damage <b>NA</b> - Support Facilities on site <b>R</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 complete inspection of the Yoast Mine, C1994082, operated by Seneca Property LLC. The inspection was conducted, and the report prepared by me, Robin Reilley of the DRMS. Michael Howard, 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, and slight breeze with temperatures hovering around 72 degrees Fahrenheit.

#### *INSPECTION*

##### *GENERAL MINE PLAN COMPLIANCE:*

Reclamation has been completed at the site with the exception of the hillside above Pond 12 and ponds 12, 13 and 14.

##### *SIGNS and MARKERS – Rule 4.02*

- The mine identification signs were in place at the site entrance and along County Road 37 where the ponds are accessed. The sign was intact, displaying all required information: mine name, operator name, address, phone number, DRMS permit number and contact information.

##### *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; Reclamation 4.03.1(7) I 4.03.2(7).*

- Roads appeared stable and in good condition.
- No fugitive dust was noted.

##### *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*

- Pond12 was discharging clear water at the time of inspection.
- Pond 12 staff gauge read 0.25 feet.
- Pond 13 appeared slightly turbid and was discharging a trickle at the time of inspection.

Number of Partial Inspection this Fiscal Year: 8

Number of Complete Inspections this Fiscal Year: 4

- Discharge was not reaching the flume below the discharge culvert.
- Pond 13 is scheduled for a dye treatment in the next few days to prevent summer algal growth.
- Springs above Pond 13 were dry at the time of inspection.
- Pond 14 had no inflow and was discharging at the time of inspection.
- Pond banks and dam out slopes appeared stable and well vegetated at the time of inspection.
- No seepage through the dams was observed.
- Pond emergency spillways appeared to be functioning adequately.

#### *SLIDES and OTHER DAMAGE- Rule 4.12*

- No areas of new instability, slumping or sliding were noted above the ponds at the time of inspection.
- Known slumps and springs above ponds 12 and 13 appeared dry and exhibited no new activity.

#### *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 with good cover and an adequate species diversity consisting of shrubs, grasses, and native perennials.
- Vegetation had mostly turned a verdant green.
- Service berry and choke cherry were blooming.

#### *FISH and WILDLIFE— RULE 4.18*

Wildlife sightings included red and white tailed hawks, and a pair of sandhill cranes diverting attention from their nest.

#### *INSPECTION, ENFORCEMENT and CIVIL PENALTIES – RULE 5*

##### *Inspections 5.02; Availability of Records*

Records were inspected as this was a complete inspection. See any yellow highlighted items on the checklist.

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

#### *DOCUMENTS RECEIVED*

None

### **PHOTOGRAPHS**



***Photo 1: Yoast permit identification sign on County Road 37.***

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*Photo 2: Yoast permit identification sign at main entrance.*

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*Photo 3: Pond 14.*



*Photo 4: Pond 13.*

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*Photo 5: Pond 13 discharge culvert.*



*Photo 6: Spring area and slump scarp above Pond 13.*

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***Photo 7: Sandhill crane near Pond 13.***



***Photo 8: Pond 12.***

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*Photo 9: Pond 10 and wetlands looking up valley.*



*Photo 9: Pond 10 flume with some algae in plunge pool*

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***Photo 10:** Pond 10 discharging culvert with alge in channel.*



**AVAILABILITY OF RECORDS YOAST****PERMIT RECORDS**

DRMS Permit	OK. Exp 2025. Elec
Permit Application w/Revisions	RN5
Findings Document	SL 8 Finding 2021
Insurance Certificate	Exp 1 Aug 2024
Bond Document	Yes elec
Phased Bond Release	SL8 Jan 2021
Documents/Findings	Miranda's office
Air Emission Permits	OK
County Special Use Permits	OK
Mining Landowner Notification	OK
Subsidence Monitoring Reports	
Subsidence Monitoring Data	
Rill & Gully Survey	2016 Rill gully
Vegetation Monitoring Data	SL8 Miranda's office
Specific Variance Approvals	Permit
Annual Reclamation Reports	2023
Midterm Review Documents	MT6 2023
DRMS/OSM Inspection	Through 2024
Reports/Enforcement Actions (3 Years)	April Elec
Transfers/Succession of Operator	OK
Temporary Cessation Notification	
Reclamation Cost Estimate	SL8, 2021 elec
<b>CERTIFICATIONS</b>	
Pond Certifications	Tab 13 Permit Doc
Annual Certifications for Impoundments	Oct 2023 Q3
Fill Certifications for Excess Spoil or Underground Development Waste	
• Quarterly Inspections	
• Compaction Testing	
• Final Certification	
Coal Processing Waste Banks	
Haul Road Certifications	Tab 13
Access Road Certifications	NA

**HYDROLOGIC RECORDS**

NPDES Permit	OK admin ext
NPDES Records	DMR's on line
Stormwater Management Plan	Miranda's Office
SPCC Plan	With SMP
MSHA Pond Inspections	NA
State Engineer's Pond Inspection	
Quarterly Pond Inspections	2024 Q1
Annual Hydrology Reports	2023
• Ground Water Monitoring	AHR
• Surface Water Monitoring	AHR
• Spring & Seep Monitoring	AHR
• Mine Water Discharge Monitoring	AHR
• Mine Inflow Study	AHR
• Water Consumption Records	Miranda's Office
Well Permits	Yes

**BLASTING RECORDS**

Blasting Publication	NA
Blasting Records (3 years)	NA
ATFE Explosives Permit	NA
Blasting Variances	NA
Pre-Blast Surveys	NA

**ADDITIONAL RECORDS  
(specify)**


COMMENTS: Yellow highlighted items require attention

Most files can be found electronically in Miranda's office. rill and gully 2016

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