



STATE OF
COLORADO

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

September 2023 Partial Inspections WF, Seneca IIW

1 message

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

Thu, Sep 14, 2023 at 11:11 AM

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

Good Morning Miranda,

Please find the September 2023 partial inspections for Williams Fork, and Seneca IIW.

I'm available to discuss any questions or concerns

Thank you

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



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

P [303.866.3567](tel:303.866.3567) ext 8105 |

F [303.832.8106](tel:303.832.8106)

Physical Address: 1313 Sherman Street St., Suite 215, Denver, CO 80203

Mailing Address: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216

robin.reilley@state.co.us | <http://mining.state.co.us>

2 attachments



INSP_Partial_WF_2023_09_Sept.pdf
1665K



Ins_Partial_Seneca_2023_09September.pdf
2628K



COLORADO


Division of Reclamation,
Mining and Safety

Department of Natural Resources

PERMIT INFORMATION

Permit Number: C-1982-057 Mine Name: Seneca II-W 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: Kevin Copeland
Operator Representative Signature: (Field Issuance Only)	

INSPECTION INFORMATION

Inspection Start Date: 13 September, 2023 Inspection Start Time: 09:00 a.m. Inspection End Date: 13 September, 2023 Inspection End Time: 10:30 a.m.		Inspection Type: Coal Partial Inspection Inspection Reason: Normal I&E Program Weather: Clear	
Joint Inspection Agency: None		Joint Inspection Contacts:	
Post Inspection Agency: None		Post Inspection Contacts:	
Inspector(s): Robin Reilley, GISP	Inspector's Signature: 		Signature Date: 13 September, 2023

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

COMMENTS

This was a partial inspection of the Seneca IIW Mine, C1982057, operated by Seneca Property LLC. The inspection was conducted, images analyzed and the report prepared by me, Robin Reilley of the DRMS. Kevin Copeland, mine representative, was present throughout the inspection. No hydrologic or air quality issues were detected at the time of inspection. The weather was clear and calm with temperatures around 70 degrees Fahrenheit.

PERMITTING ACTIONS in PROGRESS:

None at this time.

MAINTENANCE ISSUES IDENTIFIED

Culvert above pond 6 requires cleaning.

OUTSTANDING MAINTENANCE

1. Flume at Pond 15 requires resetting.
2. Slide at Pond 6 requires mitigation plan

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 slide area on the east side of the site. Year nine vegetation sampling of the above mentioned areas occurred in August 2022. Reclamation appears stable with well established vegetation.

SIGNS and MARKERS – Rule 4.02

NA as this was a partial inspection.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1

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)

- Haul roads and access roads were dry and in good repair, providing access to the entire site

HYDROLOGIC BALANCE- Rule 4.05

General Requirements 4.05.1; Effluent Standards 4.05.2; Divergence and Conveyance of Overland Flow 4.05.3; Diversions 4.05.4; Sediment Control Measures 4.05.5, 4.05.6; Discharge Structures 4.05.7; Impoundments 4.05.9; Ground Water Monitoring 4.05.13; Underground Mine Entry 4.05.10; Surface and Ground Water Monitoring 4.05.13; Stream Buffer Zones 4.05.18;

Ponds and stock tanks held water, and some ponds were discharging at the time of inspection. Pond banks and dam out slopes were in good repair and well vegetated.

SLIDES and OTHER DAMAGE- Rule 4.12

Established slump at Pond 6 was noted. The new slide (spring 2023), downstream from the slump appears to encompass approximately 1/3 of an acre. A crack exists between the two areas.

REVEGETATION - Rule 4.15

Perennial vegetation appeared well established on the slopes above the Pond 6 inlet. Shrubs and tree appeared well established with the exception of the Aspens. Vegetation is well established, diverse and mature throughout the site.

FISH and WILDLIFE– RULE 4.18

Waterfowl on the ponds was observed throughout the Seneca IIW mine site.

DOCUMENTS RECEIVED

None

INSPECTIONS 5.02; Availability of Records

No as this was a partial inspection.

DOCUMENTS RECEIVED

None

*OTHER (SPECIFY)**ENFORCEMENT ACTIONS/COMPLIANCE*

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

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1

PHOTOGRAPHS



Photo 1: Pond 6.



Photo 2: Slump above Pond 6.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1



Photo 3: Slide area Pond 6 outlet.



Photo 4: Discharge through Pond 6 discharge culvert.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1



Photo 5: Pond 6 with a small algal growth.



Photo 6: Debris in culvert on road above Pond 6.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1



Photo 7: Pond 16 holding water and discharging.



Photo 8: Overview of reclamation and vegetative diversity.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1



Photo 9: Vegetative diversity.



Photo 10: Pond 17, holding turbid water and not discharging.

Number of Partial Inspection this Fiscal Year: 3

Number of Complete Inspections this Fiscal Year: 1