



Seneca II West Mine
29515 RCR 27
Oak Creek, CO 80467

October 20, 2024

Robin Reilley
Colorado Division of Reclamation, Mining and Safety
1313 Sherman St., Room 215
Denver, CO 80203

RE: 3rd Quarter and Annual Pond Inspections – Seneca IIW Mine (C 1982-057)

Ms. Reilley:

Enclosed are the 3rd quarter 2024 and Annual pond inspection reports for the Seneca IIW Mine. I personally inspected each pond and have provided a Professional Engineer's Statement on the following page of this letter to accompany the inspection reports. Please contact me if there are any questions or if you need any additional information.

Best Regards,

A handwritten signature in black ink that reads "Miranda Kawcak". The signature is written in a cursive, flowing style.

Miranda Kawcak
Environmental Manager
Peabody, Colorado Operations

Attachments:

Professional Engineer Certification (Miranda Lynn Kawcak, P.E.)
Inspection Reports

CERTIFICATION

I, Miranda Lynn Kawcak a registered engineer in the State of Colorado do hereby certify that I have reviewed the attached Seneca II West Mine Sediment Pond Reports covering the third quarter of 2024, and that they are true and correct to the best of my knowledge and belief.

Miranda Kawcak

10/20/24

Miranda Lynn Kawcak
CO P.E. No. 59419

Date



Mining Area Date Inspected Impoundment NPDES ID No Owner's Rep	Seneca II West Mine	Facility Configuration Date Last Inspected Pond Location Site Location Inspector	Cross-Vally Pond	Quarterly Impoundment Inspection Form
	9/12/2024		6/10/2024	
	Pond #006		NW¼ NW¼, Sec. 22, T5N, R88W	
	CO-0000221 D.P. 006		8 mi. S of Hayden, CO	
	Miranda Kawcak		Miranda Kawcak	
Mark or Write in Appropriate Response:				
FEATURE		PROBLEM		COMMENTS
		YES (Above)	NO (Below)	
GENERAL				
Water Level (above or below principal spillway)		X		0.1'
Existing Embankment Freeboard (7.5 ft)		X		7.4'
Outflow (gpm)		X		40 GPM
EROSION				
Rills & Gullies on Embankment			X	
Wave Erosion			X	
Spillway Erosion			X	
Burrows			X	
Other			X	
STRUCTURAL				
Differential Settling			X	
Cracks or Slides			X	
Seepage			X	
Other			X	
STRUCTURES				
Principal Spillway				
Clogged Orifice			X	
Clogged or Damaged Culvert			X	
Damaged Headgate			NA	
Emergency Spillway				
Erosion			X	
Riprap			X	
Clogged or Damaged Culvert			X	
Other			X	
MAINTENACE				
Maintenance Required			X	
Maintenance Performed			X	
Additional Comments			X	

Mining Area Date Inspected Impoundment NPDES ID No Owner's Rep	Seneca II West Mine	Facility Configuration Date Last Inspected Pond Location Site Location Inspector	Cross-Vally Pond	Quarterly Impoundment Inspection Form
	9/12/2024		6/10/2024	
	Pond #015		NE¼ SE¼, Sec. 23, T5N, R88W	
	CO-0000221 D.P. 015		8 mi. S of Hayden, CO	
	Miranda Kawcak		Miranda Kawcak	

Mark or Write in Appropriate Response:			
FEATURE	PROBLEM		COMMENTS
	YES (Above)	NO (Below)	
GENERAL			
Water Level (above or below principal spillway)	X		0.05'
Existing Embankment Freeboard (4.0 ft)	X		3.95'
Outflow (gpm)	X		~5 GPM
EROSION			
Rills & Gullies on Embankment		X	
Wave Erosion		X	
Spillway Erosion		X	
Burrows		X	
Other		X	
STRUCTURAL			
Differential Settling		X	
Cracks or Slides		X	
Seepage		X	
Other		X	
STRUCTURES			
Principal Spillway			
Clogged Orifice		X	
Clogged or Damaged Culvert		X	
Damaged Headgate		NA	
Emergency Spillway			
Erosion		X	
Riprap		X	
Clogged or Damaged Culvert		X	
Other		X	
MAINTENACE			
Maintenance Required		X	
Maintenance Performed		X	
Additional Comments		X	

Mining Area Date Inspected Impoundment NPDES ID No Owner's Rep	Seneca II West Mine	Facility Configuration Date Last Inspected Pond Location Site Location Inspector	Cross-Vally Pond	<h2>Quarterly Impoundment Inspection Form</h2>
	9/12/2024		6/10/2024	
	Pond #016		NE¼ SE¼, Sec. 27, T5N, R88W	
	CO-0000221 D.P. 016		8 mi. S of Hayden, CO	
	Miranda Kawcak		Miranda Kawcak	
Mark or Write in Appropriate Response:				
FEATURE		PROBLEM		COMMENTS
		YES (Above)	NO (Below)	
GENERAL				
Water Level (above or below principal spillway)		X		0.1'
Existing Embankment Freeboard (6.8 ft)		X		6.7'
Outflow (gpm)		X		25 GPM
EROSION				
Rills & Gullies on Embankment			X	
Wave Erosion			X	
Spillway Erosion			X	
Burrows			X	
Other			X	
STRUCTURAL				
Differential Settling			X	
Cracks or Slides			X	
Seepage			X	
Other			X	
STRUCTURES				
Principal Spillway				
Clogged Orifice			X	
Clogged or Damaged Culvert			X	
Damaged Headgate			NA	
Emergency Spillway				
Erosion			X	
Riprap			X	
Clogged or Damaged Culvert			X	
Other			X	
MAINTENACE				
Maintenance Required			X	
Maintenance Performed			X	
Additional Comments			X	

Mining Area Date Inspected Impoundment NPDES ID No Owner's Rep	Seneca II West Mine	Facility Configuration Date Last Inspected Pond Location Site Location Inspector	Cross-Vally Pond	Quarterly Impoundment Inspection Form
	9/12/2024		6/10/2024	
	Pond #017		SW¼ NE¼, Sec. 34, T5N, R88W	
	CO-0000221 D.P. 017		8 mi. S of Hayden, CO	
Miranda Kawcak	Miranda Kawcak			
Mark or Write in Appropriate Response:				
FEATURE		PROBLEM		COMMENTS
		YES (Above)	NO (Below)	
GENERAL				
Water Level (above or below principal spillway)		X		0.1'
Existing Embankment Freeboard (3.1 ft)		X		3.0'
Outflow (gpm)		X		5 GPM
EROSION				
Rills & Gullies on Embankment			X	
Wave Erosion			X	
Spillway Erosion			X	
Burrows			X	
Other			X	
STRUCTURAL				
Differential Settling			X	
Cracks or Slides			X	
Seepage			X	
Other			X	
STRUCTURES				
Principal Spillway				
Clogged Orifice			X	
Clogged or Damaged Culvert			X	
Damaged Headgate			NA	
Emergency Spillway				
Erosion			X	
Riprap			X	
Clogged or Damaged Culvert			X	
Other			X	
MAINTENACE				
Maintenance Required			X	
Maintenance Performed			X	
Additional Comments			X	

Mining Area Date Inspected Impoundment NPDES ID No Owner's Rep	Seneca II West Mine	Facility Configuration Date Last Inspected Pond Location Site Location Inspector	Stockpond	Quarterly Impoundment Inspection Form
	9/12/2024		6/10/2024	
	T-2		NW¼SW¼, Sec 22, T5N, R88W	
	N/A		8 mi S of Hayden, CO	
	Miranda Kawcak		Miranda Kawcak	
Mark or Write in Appropriate Response:				
FEATURE		PROBLEM		COMMENTS
		YES (Above)	NO (Below)	
GENERAL				
Water Level (above or below principal spillway)			X	Dry
EROSION				
Rills & Gullies on Embankment			X	
Wave Erosion			X	
Spillway Erosion			X	
Burrows			X	
Other			X	
STRUCTURAL				
Differential Settling			X	
Cracks or Slides			X	
Seepage			X	
Other			X	
STRUCTURES				
Principal Spillway				
Clogged Orifice			NA	
Clogged or Damaged Culvert			NA	
Damaged Headgate			NA	
Emergency Spillway				
Erosion			X	
Riprap			X	
Clogged or Damaged Culvert			NA	
Other			X	
MAINTENACE				
Maintenance Required			X	
Maintenance Performed			X	
Additional Comments			X	

Mining Area Date Inspected Impoundment NPDES ID No Owner's Rep	Seneca II West Mine	Facility Configuration Date Last Inspected Pond Location Site Location Inspector	Stockpond	Quarterly Impoundment Inspection Form
	9/12/2024		6/10/2024	
	T-3		NW¼SE¼, Sec 22, T5N, R88W	
	N/A		8 mi S of Hayden, CO	
	Miranda Kawcak		Miranda Kawcak	
Mark or Write in Appropriate Response:				
FEATURE		PROBLEM		COMMENTS
		YES (Above)	NO (Below)	
GENERAL				
Water Level (above or below principal spillway)			X	3.3 ft
EROSION				
Rills & Gullies on Embankment			X	
Wave Erosion			X	
Spillway Erosion			X	
Burrows			X	
Other			X	
STRUCTURAL				
Differential Settling			X	
Cracks or Slides			X	
Seepage			X	
Other			X	
STRUCTURES				
Principal Spillway				
Clogged Orifice			NA	
Clogged or Damaged Culvert			NA	
Damaged Headgate			NA	
Emergency Spillway				
Erosion			X	
Riprap			X	
Clogged or Damaged Culvert			NA	
Other			X	
MAINTENACE				
Maintenance Required			X	
Maintenance Performed			X	
Additional Comments			X	