

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 3<sup>rd</sup> 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,

Miranda Kawcak Environmental Manager

Miranda Kawcak

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 Lynn Kawcak

Date



Mining Area	Seneca II West Mine	Facility Configu	ration	Cross	s-Vally Pond					
Date Inspected	9/12/2024	Date Last Insp			10/2024					
Impoundment	Pond #006	Pond Locati	•		Oua	rterly Impoundment Inspection Form				
NPDES ID No	CO-0000221 D.P. 006	Site Location			<b>C</b> 3233					
Owner's Rep	Miranda Kawcak	Inspector								
Mark or Write in Appropriate Response:										
	FEATURE				DBLEM	•	COMMENTS			
			YES (Above)			w)				
GENERAL										
Water Level (above or	r below principal spillwa	ay)	Х				0.1'			
Existing Embankment	Freeboard (7.5 ft)		Χ				7.4'			
Outflow (gpm)			Χ				40 GPM			
EROSION										
Rills & Gullies on Em	bankment				Х					
Wave Erosion					X					
Spillway Erosion					X					
Burrows		X								
Other		X								
STRUCTURAL										
Differential Settling					Х					
Cracks or Slides					Х					
Seepage					Х					
Other					Х					
STRUCTURES										
Principal Spillway				ı		ı				
Clogged Orifice					Х					
Clogged or Damag					X					
<u> </u>	Damaged Headgate				NA					
Emergency Spillway		•			1	,				
Erosion					Х					
Riprap					Х					
Clogged or Damaged Culvert					Х					
Other					Х					
MAINTENACE										
Maintenance Required					Х					
Maintenance Performed					Х					
Additional Comments				Х						

Mining Area	Seneca II West Mine	Facility C	Configuration Cross-Vally Pond								
Date Inspected	9/12/2024	Date La	ast Inspected 6/10/2024								
Impoundment	Pond #015	Pond	Location NE% SE%, Sec. 23, T5N, R88		ec. 23, T5N, R88W	Qua	rterly Impoundment Inspection Form				
NPDES ID No	CO-0000221 D.P. 015	Site 1	Location 8 mi. S of Hayden, CO		of Hayden, CO	_	v 1				
Owner's Rep	Miranda Kawcak	Ins	pector	Miran	ıda Kawcak						
Mark or Write in Appropriate Response:											
	FEATURE		PROBLEM			-	COMMENTS				
		YES (At	oove)	NO (Bel	ow)						
GENERAL											
`	r below principal spillwa	ay)	X				0.05'				
Existing Embankment	t Freeboard (4.0 ft)		X				3.95'				
Outflow (gpm)			X				~5 GPM				
EROSION											
Rills & Gullies on Em	nbankment				Х						
Wave Erosion					Х						
Spillway Erosion					Х						
Burrows			X								
Other			X								
STRUCTURAL											
Differential Settling					Х						
Cracks or Slides	X										
Seepage	X										
Other			Х								
STRUCTURES											
Principal Spillway											
Clogged Orifice					Х						
Clogged or Damag					X						
	Damaged Headgate				NA						
Emergency Spillway					,						
Erosion					Х						
Riprap					X						
Clogged or Damaged Culvert					Х						
Other				Х							
	MAINTENACE										
Maintenance Required					Х						
Maintenance Perform			Х								
Additional Comments	3			Х							

Mining Area	Seneca II West Mine	Facility (	Configuration	Cross-V	ally Pond					
Date Inspected	9/12/2024	•	st Inspected 6/10/2024		-					
Impoundment	Pond #016	Pond	Location NE% SE%, Sec. 27, T5N, R88W		Ouai	rterly Impoundment Inspection Form				
NPDES ID No	CO-0000221 D.P. 016	Site	Location			Æ 0200				
Owner's Rep	Miranda Kawcak	Ins	spector	, ,						
Mark or Write in Appropriate Response:										
	FEATURE			PROB		•	COMMENTS			
			YES (Above) N			(Below)				
GENERAL										
Water Level (above o	r below principal spillwa	ay)	Х				0.1'			
Existing Embankmen	t Freeboard (6.8 ft)		Х				6.7'			
Outflow (gpm)			Х				25 GPM			
EROSION										
Rills & Gullies on En	nbankment				X					
Wave Erosion					X					
Spillway Erosion			X							
Burrows			X							
Other			X							
STRUCTURAL										
Differential Settling					X					
Cracks or Slides	Cracks or Slides			X						
Seepage	Seepage			X						
Other			X							
STRUCTURES										
Principal Spillway										
Clogged Orifice					X					
Clogged or Damag										
Damaged Headgat	e		NA							
Emergency Spillway										
Erosion					Х					
Riprap					X					
Clogged or Damaged Culvert					Х					
Other					X					
MAINTENACE										
Maintenance Require					X					
Maintenance Performed					Х					
Additional Comments			X							

Mining Area	Seneca II West Mine	Facility C	onfiguration Cross-Vally Pond		-Vally Pond					
Date Inspected	9/12/2024		st Inspected	<b>Inspected</b> 6/10/2024						
Impoundment	Pond #017	Pond	Location	SW¼ NE¼, Sec. 34, T5N, R88		Qua	rterly Impoundment Inspection Form			
NPDES ID No	CO-0000221 D.P. 017	Site 1	Location	n 8 mi. S of Hayden, CO		_	V I			
Owner's Rep	Miranda Kawcak	Ins	spector	Miranda Kawcak						
Mark or Write in Appropriate Response:										
	FEATURE			PRO	BLEM	-	COMMENTS			
			YES (Ab	ove)	NO (Bel	ow)				
GENERAL										
Water Level (above o	r below principal spillw	ay)	X				0.1'			
Existing Embankmen	t Freeboard (3.1 ft)		Х				3.0'			
Outflow (gpm)			X				5 GPM			
EROSION										
Rills & Gullies on Em	nbankment				Х					
Wave Erosion					Х					
Spillway Erosion			X							
Burrows	Burrows				Х					
Other			X							
STRUCTURAL										
Differential Settling					Х					
Cracks or Slides			Х							
Seepage	Seepage				Х					
	Other				Х					
STRUCTURES										
Principal Spillway					_					
Clogged Orifice					Х					
Clogged or Damag					X					
Damaged Headgat	e		NA							
Emergency Spillway										
Erosion					Х					
Riprap			X							
Clogged or Damaged Culvert			X							
Other					Х					
	MAINTENACE									
Maintenance Require					Х					
Maintenance Performed				Х						
Additional Comments	3			Х						

Date Inspected	9/12/2024	Date Las			10/2024						
Impoundment	T-2	Pond 1	The state of the s		Sec 22, T5N, R88W	Qua	rterly Impoundment Inspection Form				
NPDES ID No	N/A	Site L	<b>Location</b> 8 mi S of Hayden, CO		_						
Owner's Rep	Miranda Kawcak	Ins	spector Miranda Kawcak								
Mark or Write in Appropriate Response:											
	FEATURE		PROBLEM				COMMENTS				
			YES (At	oove)	NO (Bel	ow)					
GENERAL											
Water Level (above or	below principal spillwa	ay)			X		Dry				
EROSION											
Rills & Gullies on Emb	oankment				X						
Wave Erosion					Х						
Spillway Erosion					Х						
Burrows					Х						
Other					Х						
STRUCTURAL											
Differential Settling			Х								
Cracks or Slides			X								
Seepage			X								
Other			X								
STRUCTURES											
Principal Spillway											
Clogged Orifice			NA NA								
Clogged or Damage			NA								
Damaged Headgate					NA						
Emergency Spillway											
Erosion					X						
Riprap			X								
Clogged or Damaged Culvert			NA NA								
Other			X								
MAINTENACE		ī									
Maintenance Required			X								
Maintenance Performed			X								
Additional Comments					Х						

Stockpond

Mining Area

Seneca II West Mine Facility Configuration

Date Inspected	9/12/2024	Date La	ast Inspected		10/2024					
Impoundment	T-3	Pond	Location	NW¼SE¼, S	NW%SE%, Sec 22, T5N, R88W		rterly Impoundment Inspection Form			
NPDES ID No	N/A	Site 1	Location 8 mi S o		f Hayden, CO	_				
Owner's Rep	Miranda Kawcak	Ins	Inspector		Miranda Kawcak					
Mark or Write in Appropriate Response:										
	FEATURE		PROBLEM				COMMENTS			
			YES (At	oove)	NO (Bel	ow)				
GENERAL										
	below principal spillw	ay)			Х		3.3 ft			
EROSION										
Rills & Gullies on Emb	bankment				Х					
Wave Erosion					Х					
Spillway Erosion					Х					
Burrows					Х					
Other					Х					
STRUCTURAL					ı					
Differential Settling			X							
	Cracks or Slides				X					
Seepage			X							
Other			X							
STRUCTURES Principal Spillway										
Clogged Orifice					NA					
Clogged or Damage	od Criticout		NA NA				1			
Damaged Headgate							1			
Emergency Spillway					NA					
Erosion Erosion					Х					
Riprap			X							
Clogged or Damaged Culvert										
Other			NA X				1			
MAINTENACE										
Maintenance Required					Х					
Maintenance Performed			X				1			
Additional Comments					Х					

Stockpond

Seneca II West Mine Facility Configuration

Mining Area