

January 16, 2024

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

RE: Seneca II West Mine, Permit C-1982-057, Fourth Quarter 2023 IIR

CDRMS-

In accordance with Rule 4.05.9(17), please find enclosed the Seneca II West Mine (SIIW) Impoundment Inspection Report (IIR) and Impoundment Inspection Log (IIL). Please contact me with any comments and/or questions.

Best regards,

Miranda Kawcak

Miranda Kawcak Environmental Manager Peabody, Colorado Operations

Enclosure: SIIW 4Q23 IIR

Mining Area	Seneca II West Mine	Facility C	Configuration	Cross	s-Vally Pond		
Date Inspected	11/6/2023	Date La	st Inspected				
Impoundment	Pond #006	Pond	Location	on NW¼ NW¼, Sec. 22, T5N, R88\		Quai	rterly Impoundment Inspection Form
NPDES ID No	CO-0000221 D.P. 006	Site 1	Location	8 mi. S of Hayden, CO			7 1
Owner's Rep	Miranda Kawcak	Ins	pector	Jaso	on Herden		
_			Mar	k or Write	e in Appropriat	Respons	e:
	FEATURE			PRO	OBLEM		COMMENTS
			YES (A)	bove)	NO (Belo	w)	
GENERAL							
Water Level (ft above	or below principal spill	way)	Х				0.1 FT
Existing Embankment	Freeboard (7.5 ft)		Х				7.4 FT
Outflow (gpm)			Х				35.9 GPM
EROSION							
Rills & Gullies on Em	bankment				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					Х		
Clogged or Damag					Х		
Damaged Headgate	2				NA		
Emergency Spillway			1		T	-	
Erosion					Х		
Riprap					Х		
Clogged or Damage	ed Culvert				Х		
Other			<u> </u>		Х		
MAINTENACE			•		1		
Maintenance Required					Х		
Maintenance Performe					Х		
Additional Comments			Х				

Mining Area	Seneca II West Mine	Facility (onfiguration	Cross	-Vally Pond				
Date Inspected	11/6/2023		st Inspected		20/2023				
Impoundment	Pond #015		•		ec. 23, T5N, R88W	One	rterly Impoundment Inspection Form		
NPDES ID No	CO-0000221 D.P. 015		Location		of Hayden, CO	Qua	rterry impoundment inspection Form		
Owner's Rep	Miranda Kawcak		pector		n Herden				
Owner's Kep	Wilfaffua Kawcak	1118			in Appropriat	o Dosnone	201		
	FEATURE		Mark		HII Appropriat BLEM	e Kespons	COMMENTS		
	TENTURE		YES (Ab		NO (Belo	mz)	COMMENTS		
GENERAL			120 (16	(310)	110 (Ben	, w <i>j</i>			
	or below principal spills	way)	Х				0.1 FT		
Existing Embankment		way)	X				3.9 FT		
Outflow (gpm)	11ccooard (4.0 ft)		X				1.2 GPM		
EROSION							1.2 01 101		
Rills & Gullies on Em	hankment				Х				
Wave Erosion	ounkinent				X				
Spillway Erosion					X				
Burrows				X					
Other				X					
STRUCTURAL									
Differential Settling					Х				
Cracks or Slides					Х				
Seepage					Х				
Other					Х				
STRUCTURES									
Principal Spillway									
Clogged Orifice					Х				
Clogged or Damage	ed Culvert				Х				
Damaged Headgate	•			N/A					
Emergency Spillway									
Erosion					X				
Riprap					X				
Clogged or Damaged Culvert			X						
Other				X					
MAINTENACE									
Maintenance Required					X				
Maintenance Performe	ed				X				
Additional Comments					X				

Mining Area	Seneca II West Mine	Facility Configuration	Cross-Vally Pond
Date Inspected	11/6/2023	Date Last Inspected	9/20/2023
Impoundment	Pond #016	Pond Location	NE¼ SE¼, Sec. 27, T5N, R88W
NPDES ID No	CO-0000221 D.P. 016	Site Location	8 mi. S of Hayden, CO
Owner's Rep	Miranda Kawcak	Inspector	Jason Herden
		M I	XX7 *4 * A

Quarterly Impoundment Inspection Form

Owner's Rep	Miranda Kawcak	Inspector	Jason Herden	
		Mark or	r Write in Appropriate	
	FEATURE		PROBLEM	COMMENTS
		YES (Abo	ve) NO (Belo	ow)
GENERAL				
	or below principal spillway)			0.1 FT
Existing Embankmen	t Freeboard (6.8 ft)	X		6.7 FT
Outflow (gpm)		X		25.2 GPM
EROSION				
Rills & Gullies on Em	nbankment		Х	
Wave Erosion			Х	
Spillway Erosion			X	
Burrows			Х	
Other			Х	
STRUCTURAL				
Differential Settling			Х	
Cracks or Slides			Х	
Seepage			Х	
Other			Х	
STRUCTURES				
Principal Spillway				_
Clogged Orifice			Х	
Clogged or Damag			Х	
Damaged Headgat	e		NA	
Emergency Spillway				_
Erosion			Х	
Riprap			Х	
Clogged or Damaged Culvert			Х	
Other			X	
MAINTENACE				
Maintenance Require			Х	
Maintenance Perform			X	
Additional Comments	3		Х	

Mining Area	Seneca II West Mine	Facility (Configuration	Cross-	Vally Pond				
Date Inspected	11/6/2023		st Inspected		20/2023				
Impoundment	Pond #017		Location	SW¼ NE¼, S	ec. 34, T5N, R88W	Oua	arterly Impoundment Inspection Form		
NPDES ID No	CO-0000221 D.P. 017	Site	Location	8 mi. S of Hayden, CO		~ ····	Terry impoundment inspection 1 of in		
Owner's Rep	Miranda Kawcak	Ins	spector		n Herden				
				or Write	in Appropriat	e Respons	se:		
	FEATURE			PRO	BLEM		COMMENTS		
			YES (At	oove)	NO (Belo	ow)			
GENERAL									
Water Level (ft above	or below principal spill	way)	Х				0.1 FT		
Existing Embankment	Freeboard (3.1 ft)		Х				3.0 FT		
Outflow (gpm)			Х				2.1 GPM		
EROSION									
Rills & Gullies on Em	bankment				X				
Wave Erosion					Х				
Spillway Erosion					X				
Burrows				X					
Other				X					
STRUCTURAL									
Differential Settling					Χ				
Cracks or Slides					X				
Seepage					X				
Other			X						
STRUCTURES									
Principal Spillway									
Clogged Orifice					X				
Clogged or Damag					X				
Damaged Headgate	2		NA						
Emergency Spillway							,		
Erosion					X				
Riprap					Х				
	Clogged or Damaged Culvert		X						
Other					X				
MAINTENACE			ı						
Maintenance Required					X				
Maintenance Performe				Х					
Additional Comments					X				

Mining Area	Seneca II West Mine	Facility Configuration		Stockpond			
Date Inspected	11/6/2023		1		20/2023		
Impoundment	Stock Tank T-2	Pond	Location	NW¼SW¼, Sec 22, T5N, R8		Oua	rterly Impoundment Inspection Form
NPDES ID No	N/A	Site	Location	8 mi S o	f Hayden, CO		J P
Owner's Rep	Miranda Kawcak	Ins	pector	Jaso	n Herden		
_			Marl	or Write	in Appropriat	e Respons	se:
	FEATURE				BLEM		COMMENTS
			YES (Ab	ove)	NO (Belo	ow)	
GENERAL							
Water Level (ft above	or below principal spills	way)			X		DRY
EROSION							
Rills & Gullies on Emb	oankment				X		
Wave Erosion					X		
Spillway Erosion					X		
Burrows					X		
Other					X		
STRUCTURAL							
Differential Settling					X		
Cracks or Slides					Х		
Seepage					Х		
Other			X				
STRUCTURES							
Principal Spillway			1				
Clogged Orifice					NA		
Clogged or Damage					NA		
Damaged Headgate	:		NA				
Emergency Spillway			1				
Erosion					X		
Riprap				X			
Clogged or Damaged Culvert				NA			
Other					Х		
MAINTENACE			ı				
Maintenance Required					X		
Maintenance Performe	ed		X				
Additional Comments					Х		

Mining Area	Seneca II West Mine	Facility (Configuration	Sto	ockpond					
Date Inspected	11/6/2023		st Inspected		20/2023					
Impoundment	Stock Tank T-3		Location	•	ec 22, T5N, R88W	Ouarterly	rterly Impoundment Inspection Form			
NPDES ID No	N/A		Location	8 mi S of Hayden, CO		Qua	rterry impoundment inspection roim			
Owner's Rep	Miranda Kawcak		spector		Herden					
o where sittep	Timunda Katroak		1		in Appropriat	e Respons	se:			
FEATURE PROBLEM COMMENTS										
			YES (Ab	ove)	NO (Bel	ow)				
GENERAL			· ·	•						
Water Level (above or	below principal spillwa	ny)			Х		3.1 FT			
EROSION										
Rills & Gullies on Emb	oankment				Х					
Wave Erosion					Х					
Spillway Erosion					X					
Burrows					Х					
Other				Х						
STRUCTURAL										
Differential Settling					X					
	Cracks or Slides									
Seepage										
Other					Х					
STRUCTURES										
Principal Spillway			1		N10					
Clogged Orifice Clogged or Damage	od Cralerant				NA NA					
Damaged Headgate					NA NA					
Emergency Spillway	•				INA					
Erosion Erosion					Х					
Riprap				X						
Clogged or Damaged Culvert				NA						
Other					X					
MAINTENACE										
Maintenance Required					Х					
Maintenance Performe					Х					
Additional Comments					Х					

IMPOUNDMENT INSPECTION LOG

JOB DATA

JOB NAME: PEC Hydrologic Services	CLIENT: Peabody	JOB(s): 2023-086 (PSCM), 2023-087 (SCC)

FLOW DATA MAINTENANCE (Y/N) WATER LEVEL (FT) OUTFLOW (GPM) OBSERVATIONS COMPANY Sage Creek Sage Creek 11-6-27 0.1 38.9 002 some animal burrons 1.5 11-6-23 0.1 Sage Creek Sage Creek 003 N 58 1-7-23 0.05 Lower Sump Sage Creek Sage Creek 63 N 0.05 11-7-23 Sage Creek Sage Creek Pecoco N 11-7-23 -1.7 No Sage Creek Portal Sump 1 Sage Creek NOT Pumping Sage Creek Sage Creek 11-7-27 Portal Sump 2 Dis Sage Creek Sage Creek Spill Control 2 11.7-23 11-7-23 Truck Wash Sage Creek Sage Creek 11-7-27 0.1 Sage Creek Sage Creek Upper Sump slaffons. side, no impect 11-6-37 0.1 35.9 N 006 Seneca Seneca II West 11-6-27 0.1 N Seneca Seneca II West 015 11-6-23 0.1 25,3 Seneca Seneca II West 016 2.1 N 11-6-27 0.1 017 Seneca Seneca II West N 11-6-53 015 Seneca Seneca II West T-2 11-6-33 -3.1 NO Flow Seneca II West T-3 Seneca antlet justed 11-6-27 0.1 2.1 Yoast 010 Seneca NO FIN 11-7-23 -1.5 N Yoast Seneca 011 -2.6 11-6-27 011A Seneca Yoast 36.7 N Yoast 11-6-27 0.1 012 Seneca 11-6-27 -1.5 N NO II-012A Seneca Yoast No Flow 11-6-23 ~l, 3 013 Seneca Yoast

FIELD PERSONNEL:	45	FIELD PERSONNEL SIGNATURE: Land	
NOTES			
		*	

-1,3

11-6-23

Yoast

Seneca

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