

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

December 4, 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 2024 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 4Q24 IIR

Mining Area	Seneca II West Mine	Facility C	onfiguration	Cross	-Vally Pond							
Date Inspected	10/15/2024	•	st Inspected		12/2024							
Impoundment	Pond #006		Location	NW¼ NW¼, Sec. 22, T5N, R88W		Oua	terly Impoundment Inspection Form					
NPDES ID No	CO-0000221 D.P. 006	Site I	ocation	8 mi. S of Hayden, CO		Zuu						
Owner's Rep	Miranda Kawcak		pector		Jason Herden							
	Mark or Write in Appropriate Response:											
	FEATURE				BLEM		COMMENTS					
			YES (Al	oove)	NO (Belo	w)						
GENERAL												
Water Level (ft above	or below principal spill	lway)	Х				0.1 FT					
Existing Embankment	Freeboard (7.5 ft)	• /	Х				7.4 FT					
Outflow (gpm)			Х				50 GPM					
EROSION												
Rills & Gullies on Em	bankment				Х							
Wave Erosion					Х							
Spillway Erosion					Х							
Burrows			X									
Other			Х									
STRUCTURAL												
Differential Settling					Х							
Cracks or Slides												
Seepage			X									
Other			Х									
STRUCTURES												
Principal Spillway												
Clogged Orifice					Х							
Clogged or Damag					Х							
Damaged Headgate	•			NA								
Emergency Spillway												
Erosion					Х							
Riprap					Х							
Clogged or Damaged Culvert			Х									
Other					Х							
MAINTENACE												
Maintenance Required					Х							
	Maintenance Performed				Х		SLUFF ON SOUTH SIDE.					
Additional Comments			Х									

Mining Area	Seneca II West Mine	Facility C	onfiguration	Cross-	-Vally Pond							
Date Inspected	10/15/2024		t Inspected		, 12/2024							
Impoundment	Pond #015		Location	ocation NE¼ SE¼, Sec. 23, T5		Ouar	terly Impoundment Inspection Form					
NPDES ID No	CO-0000221 D.P. 015	Site I	ocation	, , . ,		Zuui	terry impoundment inspection i orm					
Owner's Rep	Miranda Kawcak	Ins	pector		n Herden							
Mark or Write in Appropriate Response:												
	FEATURE				BLEM	•	COMMENTS					
			YES (Ab	oove)	NO (Belo	ow)						
GENERAL												
Water Level (ft above	or below principal spill	way)	Х			(0.1 FT					
Existing Embankment	Freeboard (4.0 ft)		Х			3	3.9 FT					
Outflow (gpm)			Х			1	1.5 GPM					
EROSION												
Rills & Gullies on Em	bankment				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 Damage					x							
Damaged Headgate					NA							
Emergency Spillway					-	•						
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-V	ally Pond		
Date Inspected	10/15/2024	Date La	st Inspected	9/12	2/2024		
Impoundment	Pond #016	Pond	Location	NE¼ SE¼, Sec	. 27, T5N, R88W	Quarterly Impoundm	ent Inspection Form
NPDES ID No	CO-0000221 D.P. 016		Location	8 mi. S of Hayden, CO		x pour	••••• ••••• •••••
Owner's Rep	Miranda Kawcak	Ins	pector		Herden		
I				or Write i	n Appropria	Response:	
	FEATURE			PROB	LEM		DMMENT'S
			YES (At	oove)	NO (Be)	
GENERAL							
Water Level (ft above	or below principal spil	lway)	Х			0.1 FT	
Existing Embankment	Freeboard (6.8 ft)		Х			6.7 FT	
Outflow (gpm)			Х			26 GPM	
EROSION							
Rills & Gullies on Err	ıbankment				Х		
Wave Erosion					Х		
Spillway Erosion					Х		
Burrows			Х		Х		
Other				Х			
STRUCTURAL							
Differential Settling			х Х				
Cracks or Slides			Х Х				
Seepage			Х				
Other			Х				
STRUCTURES							
Principal Spillway			n				
Clogged Orifice				X			
Clogged or Damag							
Damaged Headgat	e				NA		
Emergency Spillway			1		x		
Erosion							
Riprap							
Clogged or Damaged Culvert				X			
Other					Х		
MAINTENACE	1						
Maintenance Required			x				
Maintenance Perform				X			
Additional Comments					Х		

Mining Area	Seneca II West Mine	Facility C	Configuration	Cross	-Vally Pond						
Date Inspected	10/15/2024	•	st Inspected		12/2024						
Impoundment	Pond #017		-		SW¼ NE¼, Sec. 34, T5N, R88W		rterly Impoundment Inspection Form				
NPDES ID No	CO-0000221 D.P. 017				3 mi. S of Hayden, CO		terry impoundment inspection form				
Owner's Rep	Miranda Kawcak		spector		son Herden						
o mier o nep					in Appropriate	e Respons	se:				
	FEATURE				BLEM		COMMENTS				
			YES (Ab	ove)	NO (Belo	ow)					
GENERAL											
Water Level (ft above	or below principal spil	lway)	Х				0.1 FT				
Existing Embankment	Freeboard (3.1 ft)		Х				3.0 FT				
Outflow (gpm)			Х				2 GPM				
EROSION											
Rills & Gullies on Em	bankment				Х						
Wave Erosion					Х						
Spillway Erosion					Х						
Burrows			X								
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 Headgate	9				NA						
Emergency Spillway			n		-						
Erosion					Х						
Riprap				Х							
Clogged or Damaged Culvert			Х Х								
Other					Х						
MAINTENACE			I								
Maintenance Required					Х						
Maintenance Performe					Х						
Additional Comments					Х						

Mining Area	Seneca II West Mine	Facility Configu	ration	Stock	pond							
Date Inspected	10/16/2024	Date Last Insp		9/12/2024								
Impoundment	Stock Tank T-2	Pond Locati		NW¼SW¼, Sec 22, T5N, R88W		Oua	rterly Impoundment Inspection Form					
NPDES ID No	N/A	Site Locatio	-	8 mi S of Hayden, CO		Qua	recity impoundment inspection form					
Owner's Rep	Miranda Kawcak	Inspector		Jason H								
Owner skep	Will dridd Rawcak	Inspector		k or Write in Appropriate Respons			۵ ۰					
	FEATURE PROBLEM COMMENTS											
		,	YES (Abov		NO (Belo	ow)						
GENERAL												
Water Level (ft above	or below principal spill	way)			х		DRY					
EROSION	· · ·	• /		•								
Rills & Gullies on Em	bankment				Х							
Wave Erosion					Х							
Spillway Erosion					Х							
Burrows			X									
Other			X									
STRUCTURAL												
Differential Settling		X										
Cracks or Slides			х Х									
Seepage			х									
Other			Х									
STRUCTURES												
Principal Spillway												
Clogged Orifice			NA									
Clogged or Damage			NA									
Damaged Headgate			NA									
Emergency Spillway												
Erosion					Х							
Riprap			X									
Clogged or Damaged Culvert			NA									
Other												
MAINTENACE	1				V							
Maintenance Required			X									
Maintenance Performed			X									
Additional Comments					Х							

Mining Area	Seneca II West Mine	Facility C	onfiguration	Stockpond						
Date Inspected	10/16/2024	•	st Inspected	9/1	9/12/2024					
Impoundment	Stock Tank T-3		Location	NW¼SE¼, Se	ec 22, T5N, R88W	Oua	rterly Impoundment Inspection Form			
NPDES ID No	N/A	Site]	Location	8 mi S of Hayden, CO		Zuu	terry impoundance inspection i orm			
Owner's Rep	, Miranda Kawcak	Ins	pector		n Herden					
			1	or Write	in Appropriat	e Respons	se:			
FEATURE PROBLEM COMMENTS										
			YES (Ab	ove)	NO (Bel	ow)				
GENERAL										
Water Level (above or	below principal spillwa	ay)			Х		3.5 FT			
EROSION										
Rills & Gullies on Em	bankment				Х					
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			r							
Clogged Orifice				NA						
Clogged or Damage				N						
Damaged Headgate Emergency Spillway	;				NA					
Erosion			[Г	v					
			x x							
Riprap Clogged or Damaged Culvert				^ NA						
Other				X						
MAINTENACE										
Maintenance Required					X					
Maintenance Performed				×						
Additional Comments					X					

IMPOUNDMENT INSPECTION LOG

JOB DATA

JOB NAME: PEC Hydrologic Services

CLIENT: Peabody

JOB(s): 2023-086 (PSCM), 2023-087 (SCC)

FLOW DATA

FLOW DA	1					· · · · · · · · · · · · · · · · · · ·	
SITE ID	COMPANY	MINE	DATE	WATER LEVEL (FT)	OUTFLOW (GPM)	OBSERVATIONS	MAINTENANCE (Y/N)
002	Sage Creek	Sage Creek	10-15-24	0.3	48	for new flume	~
003	Sage Creek	Sage Creek	10-15-14	0.1	3.4	some animal buildes	\mathcal{N}
Lower Sump	Sage Creek	Sage Creek	10-15.21	0.1	49		\mathcal{N}
Pecoco	Sage Creek	Sage Creek	10-15-21	0.1	53		N
Portal Sump 1	Sage Creek	Sage Creek	10-15-24	oil	3		N
Portal Sump 2	Sage Creek	Sage Creek	10-15.24	0,1	~	not pumping	N
Spill Control 2	Sage Creek	Sage Creek	10-15 .74	0,3	~	No Flow	\sim
Truck Wash	Sage Creek	Sage Creek	10-15.24	~	-	DIS	N
Upper Sump	Sage Creek	Sage Creek	10-15.24	0.1	54		N
006	Seneca	Seneca II West	10-15-24	0.1	50	SINCE on S. Sill, not affacting	N
015	Seneca	Seneca II West	10-15.21	0.1	15		N
016	Seneca	Seneca II West	10-15-24	0.1	26		N
017	Seneca	Seneca II West	10-15.21	0.1	ス		\sim
T-2	Seneca	Seneca II West	10-16-21	-	-	Din	N
T-3	Seneca	Seneca II West	10-16.24	-35	-	no Flow	N
010	Seneca	Yoast	11-12-24	0.1	a	new outlet structure	\sim
011	Seneca	Yoast	10-10-24	- 4.1	-		N
011A	Seneca	Yoast	10-16-24	-3,0	-		N
012	Seneca	Yoast	11-12.24	0.1	42		N
012A	Seneca	Yoast	11-12-24	-3,0	-		N
013	Seneca	Yoast	11-12-24	-1.7	\sim		N
014	Seneca	Yoast	11-12-24	- 3, 4	~	New cutlet stinctule	N

FIELD PERSONNEL: JH

FIELD PERSONNEL SIGNATURE:

X

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NOTES

