

July 18, 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, Second 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 2Q24 IIR

Mining Area	Seneca II West Mine	Facility ('anfiguration	Cross	s-Vally Pond					
Date Inspected	6/10/2024	Date Last Inspected			/6/2024					
Impoundment	Pond #006		Location	NW¼ NW¼, Sec. 22, T5N, R88W		Onai	rterly Impoundment Inspection Form			
NPDES ID No	CO-0000221 D.P. 006		Location	8 mi. S of Hayden, CO		Quai	terry impoundment inspection form			
Owner's Rep	Miranda Kawcak		pector		Jason Herden					
Owner s Kep	IVIII aliua Kawcak	1113				e Resnans	χρ•			
	Mark or Write in Appropriate Response: FEATURE PROBLEM COMMENTS									
			YES (Al	oove)	NO (Belo	w)				
GENERAL					,					
Water Level (ft above	or below principal spil	lway)	Х				0.1 FT			
Existing Embankment		37	Х				7.4 FT			
Outflow (gpm)	,		Х				120.97 GPM			
EROSION										
Rills & Gullies on Em	bankment				Х					
Wave Erosion					Х					
Spillway Erosion					Х					
Burrows			X							
Other					X					
STRUCTURAL										
Differential Settling					Х					
Cracks or Slides					Х					
Seepage					X					
Other					Х					
STRUCTURES										
Principal Spillway							_			
Clogged Orifice					Х					
Clogged or Damag					Х					
Damaged Headgate	e				NA					
Emergency Spillway			T		T					
Erosion					Х					
1 1	Riprap				X					
Clogged or Damaged Culvert			X							
Other					X					
MAINTENACE	1		ı							
Maintenance Required					X		CLUET ON COUTU SIDE			
			- V		X		SLUFF ON SOUTH SIDE.			
Additional Comments	1		X							

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Mining Area		Facility Configuration			-Vally Pond					
Date Inspected	6/10/2024	Date Last Inspected		3/26/2024		_				
Impoundment	Pond #015		Location	NE¼ SE¼, Sec. 23, T5N, R88W		Qua	rterly Impoundment Inspection Form			
NPDES ID No	CO-0000221 D.P. 015	Site	Location	8 mi. S of Hayden, CO						
Owner's Rep	Miranda Kawcak	Ins	pector	Jaso	n Herden					
	Mark or Write in Appropriate Response:									
	FEATURE				BLEM		COMMENTS			
			YES (Ab	ove)	NO (Belo	ow)				
GENERAL										
	or below principal spill	way)	X				0.1 FT			
Existing Embankment	Freeboard (4.0 ft)		X				3.9 FT			
Outflow (gpm)			Х				44.3 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					X					
Clogged or Damage					X					
Damaged Headgate				NA						
Emergency Spillway										
Erosion					X					
Riprap					X X					
	Clogged or Damaged Culvert									
Other					X					
MAINTENACE										
Maintenance Required					X					
Maintenance Performe	ed				X					
Additional Comments					Х					

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Mining Area	Seneca II West Mine				ally Pond		
Date Inspected	6/10/2024		st Inspected	3/26	5/2024	_	
Impoundment	Pond #016	Pond			. 27, T5N, R88W	Qua	rterly Impoundment Inspection Form
NPDES ID No	CO-0000221 D.P. 016	Site	Location	Location 8 mi. S of I			•
Owner's Rep	Miranda Kawcak	Ins	spector		Herden		
			Mark		n Appropria	te Respoi	nse:
	FEATURE			PROB			COMMENTS
			YES (Al	oove)	NO (Be	elow)	
GENERAL							
Water Level (ft above	e or below principal spil	llway)	X				0.1 FT
Existing Embankmen	t Freeboard (6.8 ft)		X				6.7 FT
Outflow (gpm)			X				138.6 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					X		
Seepage					X		
Other					X		
STRUCTURES							
Principal Spillway							,
Clogged Orifice					X		
Clogged or Damag					X		
Damaged Headgat	te				NA	ı.	
Emergency Spillway			r				
Erosion					Х		
Riprap					Х		
Clogged or Damag	ed Culvert				Х		
Other					Х		
MAINTENACE							
Maintenance Peguire	d		1				

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Maintenance Required

Maintenance Performed Additional Comments

Mining Area	Seneca II West Mine	Facility (Configuration	Cross-	-Vally Pond		
Date Inspected	6/10/2024		st Inspected		26/2024		
Impoundment	Pond #017		•		ec. 34, T5N, R88W	Oua	rterly Impoundment Inspection Form
NPDES ID No	CO-0000221 D.P. 017	Site			of Hayden, CO	Z	Total and the property of the
Owner's Rep	Miranda Kawcak	Ins	spector		n Herden		
			1	or Write	in Appropriate	Respons	se:
	FEATURE			PRO	BLEM		COMMENTS
			YES (Ab	ove)	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				58.6 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					X		
Clogged or Damag					X		
Damaged Headgate	e		NA				
Emergency Spillway							
Erosion					X		
Riprap					X		
Clogged or Damaged Culvert					Х		
Other					X		
MAINTENACE							
Maintenance Required					X		
Maintenance Performe				X			
Additional Comments					X		

Mining Area	Seneca II West Mine		acility Configuration		Stockpond		
Date Inspected	6/11/2024	Date La			26/2024		
Impoundment	Stock Tank T-2	Pond			Sec 22, T5N, R88W	Qua	rterly Impoundment Inspection Form
NPDES ID No	N/A	Site	Location				, ,
Owner's Rep	Miranda Kawcak	Ins			lason Herden		
			Marl	or Write	in Appropriat	e Respons	e:
	FEATURE			PRO	BLEM		COMMENTS
			YES (Ab	ove)	NO (Belo	ow)	
GENERAL							
Water Level (ft above	or below principal spill	way)			X		DRY
EROSION							
Rills & Gullies on Em	bankment				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			ı				
Clogged Orifice					NA		
Clogged or Damage					NA		
	Damaged Headgate				NA		
Emergency Spillway			Г	1		-	
Erosion					X		
Riprap	16.1				X		
Clogged or Damaged Culvert				NA			
Other					Х		
MAINTENACE			l l		· ·		
Maintenance Required					X		
Maintenance Performe Additional Comments	ea				X		
Additional Comments					Х		

Mining Area	Seneca II West Mine	Facility (Configuration	Sto	ckpond					
Date Inspected	6/11/2024		Date Last Inspected		26/2024					
Impoundment	Stock Tank T-3		Location		ec 22, T5N, R88W	Ona	rterly Impoundment Inspection Form			
NPDES ID No	N/A		Location		f Hayden, CO	Qua	recity impoundment inspection form			
Owner's Rep	Miranda Kawcak		spector		n Herden					
Owner s Kep	Will dildd Rawcak	1115	1	c or Write in Appropriate Respons			\$P•			
	FEATURE PROBLEM COMMENTS									
			YES (Ab	ove)	NO (Bel	ow)				
GENERAL										
Water Level (above or	below principal spillwa	ny)			Х		2.8 FT			
EROSION		<u>* / </u>								
Rills & Gullies on Eml	bankment				Х					
Wave Erosion					Х					
Spillway Erosion					Х					
Burrows					Х					
Other				X						
STRUCTURAL										
Differential Settling					Х					
Cracks or Slides					Х					
Seepage					X					
Other					Х					
STRUCTURES										
Principal Spillway			ı	1						
Clogged Orifice	101				NA					
Clogged or Damage					NA NA					
Damaged Headgate Emergency Spillway	;				NA					
Erosion Erosion			I		Х					
Riprap					X					
	Clogged or Damaged Culvert				NA					
Other	a Curvert				X					
MAINTENACE					X					
Maintenance Required			I		Х					
Maintenance Performe					X					
Additional Comments					X					

IMPOUNDMENT INSPECTION LOG

JOB DATA

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

FLOW DA		1					T
SITEID	COMPANY	MINE	DATE	WATER LEVEL (FT)	OUTFLOW (GPM)	OBSERVATIONS	MAINTENANCE (Y/N)
002	Sage Creek	Sage Creek	6-10-24	0.4	244,7	some maternader flume	У
003	Sage Creek	Sage Creek	6-10-24	0.1	1,6	some animal bullows	N
Lower Sump	Sage Creek	Sage Creek	6-11-24	011	96,7		N
Pecoco	Sage Creek	Sage Creek	6-11-24	0.1	107.4		N
Portal Sump 1	Sage Creek	Sage Creek	6-11-24			No Flam	N
Portal Sump 2	Sage Creek	Sage Creek	Le-11-24	0.1	~	not pumping	N
Spill Control 2	Sage Creek	Sage Creek	6-11-24	_		no klow	N
Truck Wash	Sage Creek	Sage Creek	15-11-01		_	Dry	N
Upper Sump	Sage Creek	Sage Creek	6-11-24	0.1	104,4		N
006	Seneca	Seneca II West	6-10-24	oil	15097	sluff on Sisile, no issues	N
015	Seneca	Seneca II West		0.1	44.3		N
016	Seneca	Seneca II West	6-10-24	0.1	138,6		N
017	Seneca	Seneca II West	6-10.24	6.1	58,6		N
T-2	Seneca	Seneca II West	6-11-24		_	DIS	N
T-3	Seneca	Seneca II West	471754	-2.B		no Flow	\sim
010	Seneca	Yoast	6-10-24	0.65	8.7	cutlet instal	y
011	Seneca	Yoast	6-11-24	-0.9		NO FIEW	N
011 A	Seneca	Yoast	6-13-24		~	NO Flow	N
012	Seneca	Yoast	6-10-24	l	107.6		\sim
012A	Seneca	Yoast	6-13-24	-1.0	~	NO Flow	N
013	Seneca	Yoast	6-10-24		~	NO Flow NO Flow	N
014	Seneca	Yoast	6-10-24	-0.9		No Flow	N

FIELD PERSONNEL: 1H	FIELD PERSONNEL SIGNATURE:	
NOTES	2	

