

April 10, 2024

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

RE: Seneca Yoast Mine, Permit C-94-082, First Quarter 2024 IIR

CDRMS-

In accordance with Rule 4.05.9(17), please find enclosed the Seneca Yoast Mine (SYM) 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: SYM 1Q24 IIR

Mining Area	Yoast Mine(Seneca Coal Co)		onfiguration	Cross-\	Valley Pond						
Date Inspected	3/26/2024	Date Last Inspected		11,	/6/2023						
Impoundment	Pond #010	Pond	NW% NE%, Sec. 8, T5N, R87W		Qua	rterly Impoundment Inspection Form					
NPDES ID No	CO-0000221 D.P. 010	Site I	ocation			_					
Owner's Rep	Miranda Kawcak	Ins	pector	Jaso	n Herden						
	Mark or Write in Appropriate Response:										
	FEATURE PROBLEM COMMENTS										
			YES (At	ove)	NO (Bel	ow)					
GENERAL											
	or below principal spillway)		X				0.1 FT				
Existing Embankment	Freeboard (10.1 ft)		X				10.0 FT				
Outflow (gpm)			X				9.6 GPM				
EROSION	•	ı									
Rills & Gullies on Emb	oankment				X						
Wave Erosion					X						
Spillway Erosion					Х						
Burrows			X								
Other STRUCTURAL					Х						
Differential Settling					Х						
Cracks or Slides					X						
Seepage					X						
Other					X						
STRUCTURES											
Principal Spillway											
Clogged Orifice					Х						
Clogged or Damage	d Culvert				Х						
Damaged Headgate					NA NA						
Emergency Spillway											
Erosion					Х						
Riprap					Х						
Clogged or Damageo	d Culvert				Х						
Other					X	·					
MAINTENACE											
Maintenance Required					Х						
Maintenance Performe	d				Х						
Additional Comments			X				SNOW COVERED.				

Mining Area	Yoast Mine(Seneca Coal Co)		onfiguration		s-Vally Pond				
Date Inspected	3/27/2024		Pate Last Inspected Pond Location		1/7/2023		Quarterly Impoundment Inspection Form		
Impoundment	Pond #011	Pond			Sec. 16, T5N, R87W	Qua			
NPDES ID No	CO-0000221 D.P.011	Site I			.5 mi SE of Hayden, CO				
Owner's Rep	Miranda Kawcak	Ins	pector	Jaso	on Herden				
Mark or Write in Appropriate Response:									
	FEATURE				OBLEM		COMMENTS		
			YES (Ab	ove)	NO (Belo	w)			
GENERAL									
,	or below principal spillway)			X		2.5 FT		
Existing Embankment	Freeboard (5.1 ft)		X				7.6 FT		
Outflow (gpm)					X		0 GPM		
EROSION									
Rills & Gullies on Em	bankment				X				
Wave Erosion					X				
Spillway Erosion					Х				
Burrows					X				
Other					X				
STRUCTURAL					1				
Differential Settling					X				
Cracks or Slides					Х				
Seepage		-			X				
Other					X				
STRUCTURES									
Principal Spillway							T		
Clogged Orifice Clogged or Damag	101	-			X				
		-			X NA				
Damaged Headgate Emergency Spillway	;				NA				
Erosion		1			Х		T		
		-			X		1		
	Riprap Clogged or Damaged Culvert			X		1			
Other	u Curvett	-			X		1		
MAINTENACE									
Maintenance Required					Х				
Maintenance Performe		-			X				
Additional Comments	~	•			X		SNOW COVERED.		
- Ida. Hondi Comments							DITOTT COVERED.		

Mining Area	Yoast Mine(Seneca Coal Co)	Facility (onfiguration	Cross	s-Vally Pond			
Date Inspected	3/27/2024		ility Configuration te Last Inspected		1/6/2023			
Impoundment	Pond #011A		Location		Sec. 16, T5N, R87W	Ωπο	ertarly Impoundment Inspection Form	
NPDES ID No			Location		sec. 16, 15N, R8/W		rterly Impoundment Inspection Form	
- 1.2 - 2.0 - 2.1 - 1.0	N/A				of Hayden, CO			
Owner's Rep	Miranda Kawcak	Ins	pector		on Herden			
	FEATURE		Mark		n Appropriate F OBLEM	kesponse:	COMMENTS	
	FEATURE		YES (At		NO (Belo		COMMENTS	
GENERAL			TES (AL	ove)	NO (Belo	w)		
	or below principal spillway)	\			Х			
Existing Embankment		,	Х		^			
Outflow (gpm)	riceboard (4.0 ft)		^		Х		0 GPM	
EROSION							lo otini	
Rills & Gullies on Emb	nankment				Х			
Wave Erosion					X			
Spillway Erosion					X			
Burrows					X			
Other			X					
STRUCTURAL								
Differential Settling					Х			
Cracks or Slides					Х			
Seepage			X					
Other			X					
STRUCTURES								
Principal Spillway								
Clogged Orifice					X			
Clogged or Damage					X			
Damaged Headgate					NA			
Emergency Spillway					T		<u></u>	
Erosion					Х			
	Riprap				Х			
Clogged or Damaged Culvert					Х			
Other					Х			
MAINTENACE								
Maintenance Required					X			
Maintenance Performe	d				X		SUGUE GOVERN	
Additional Comments	ro = 2.1 foot holow top of n				Х		SNOW COVERED.	

Top of Sediment Storage = 2.1 feet below top of pipe

Mining Area			onfiguration		s-Vally Pond		
Date Inspected	3/26/2024		•		1/6/2023	_	
Impoundment	Pond #012				Sec. 19, T5N, R87W	Qua	rterly Impoundment Inspection Form
NPDES ID No	CO-0000221 D.P. 012	Site I	Location 8.5 mi SE		E of Hayden, CO		• •
Owner's Rep	Miranda Kawcak	Ins	pector		on Herden		
			Mark		in Appropriate F	Response:	
	FEATURE				OBLEM		COMMENTS
			YES (Ab	ove)	NO (Belo	w)	
GENERAL							
	or below principal spillway))	Х				0.1 FT
Existing Embankment	Freeboard (9.0 ft)		X				8.9 FT
Outflow (gpm)			X				35.7 GPM
EROSION					1		
Rills & Gullies on Eml	oankment				X		
Wave Erosion					Х		
Spillway Erosion					Х		
Burrows					X		
Other					Х		
STRUCTURAL					1		
Differential Settling					X		
Cracks or Slides					X		
Seepage					X		
Other					X		
STRUCTURES							
Principal Spillway					1		
Clogged Orifice	101				X		
Clogged or Damage					Х		
Damaged Headgate					NA		
Emergency Spillway					l v		
Erosion					X		
Riprap	1.0-1				Х		
Clogged or Damage	a Cuivert				X		
Other MAINTENACE					Х		
Maintenance Required							
Maintenance Required					X		
Additional Comments	u				X		CNOW COVERED
Additional Comments					Λ		SNOW COVERED.

Mining Area		acility Co			Vally Pond						
Date Inspected	3/26/2024	Date Last	Inspected	pected 11/6/2023							
Impoundment	Pond #012A	Pond L	ocation	NE¼ NW¼,Sec. 19, T5N, R87W 8.5 mi SE of Hayden, CO		Qua	Quarterly Impoundment Inspection Form				
NPDES ID No	N/A	Site Lo	ocation			- , ,					
Owner's Rep	Miranda Kawcak	Insp	ector	Jasoi	n Herden						
	Mark or Write in Appropriate Response:										
	FEATURE				OBLEM		COMMENTS				
			YES (Above)	NO (Bel	ow)					
GENERAL											
	or below principal spillway)				X		1.5 FT				
Existing Embankment	Freeboard (4.6 ft)			X			6.1 FT				
Outflow (gpm)					Х		0 GPM				
EROSION				-							
Rills & Gullies on Emb	oankment				X						
Wave Erosion					Х						
Spillway Erosion					Х						
Burrows				Х							
Other					Х						
STRUCTURAL				•							
Differential Settling					Х						
Cracks or Slides					Х						
Seepage			X								
Other					Х						
STRUCTURES											
Principal Spillway											
Clogged Orifice					Х						
Clogged or Damage					Х						
Damaged Headgate					NA						
Emergency Spillway											
Erosion					X						
Riprap					Х						
Clogged or Damageo	d Culvert				X						
Other					X						
MAINTENACE				-							
Maintenance Required					X						
Maintenance Performe	d				X						
Additional Comments					Х		SNOW COVERED.				

Mining Area			onfiguration		-Vally Pond						
Date Inspected	3/26/2024		*		/6/2023	•					
Impoundment	Pond #013				Sec. 19, T5N, R87W	Qua	rterly Impoundment Inspection Form				
NPDES ID No	CO-0000221 D.P. 013		Location 8.5 mi SE		.5 mi SE of Hayden, CO		•				
Owner's Rep	Miranda Kawcak	Ins	pector		on Herden						
	Mark or Write in Appropriate Response:										
	FEATURE				BLEM		COMMENTS				
			YES (At	ove)	NO (Belo	ow)					
GENERAL											
	or below principal spillway)				X		0.2				
Existing Embankment	Freeboard (4.0 ft)		Х				4.2 FT				
Outflow (gpm)					X		0 GPM				
EROSION											
Rills & Gullies on Emb	oankment				Х						
Wave Erosion					Х						
Spillway Erosion					X						
Burrows					Х						
Other					Х						
STRUCTURAL											
Differential Settling					X						
Cracks or Slides					X						
Seepage					Х						
Other					X						
STRUCTURES											
Principal Spillway			1		T						
Clogged Orifice	101				X						
Clogged or Damage					X						
Damaged Headgate					NA						
Emergency Spillway							T				
Erosion					X						
Riprap	101				X						
Clogged or Damageo	1 Culvert				X						
Other					X						
MAINTENACE											
Maintenance Required Maintenance Performe					X						
Additional Comments	u				X		CNOW COVERED				
Additional Comments					X		SNOW COVERED.				

Mining Area	Yoast Mine(Seneca Coal Co)		onfiguration		Vally Pond					
Date Inspected	3/26/2024	Date Last Inspected Pond Location		11/	6/2023	_				
Impoundment	Pond #014				ec. 19, T5N, R87W	Qua	rterly Impoundment Inspection Form			
NPDES ID No	CO-0000221 D.P. 014	Site I	Location	8.5 mi SE of Hayden, CO						
Owner's Rep	Miranda Kawcak	Ins	pector		n Herden					
	Mark or Write in Appropriate Response:									
	FEATURE				BLEM		COMMENTS			
			YES (A	oove)	NO (Belo	ow)				
GENERAL										
	or below principal spillway)				Х		1.5 FT			
Existing Embankment	Freeboard (6.8 ft)		X				8.3 FT			
Outflow (gpm)					X		0 GPM			
EROSION										
Rills & Gullies on Emb	oankment				X					
Wave Erosion					X					
Spillway Erosion					X					
Burrows					X					
Other					X					
STRUCTURAL										
Differential Settling					Х					
Cracks or Slides					Х					
Seepage					X					
Other					Х					
STRUCTURES										
Principal Spillway										
Clogged Orifice					X					
Clogged or Damage					Х					
Damaged Headgate					NA					
Emergency Spillway										
Erosion					Х					
Riprap					Х					
Clogged or Damageo	d Culvert				Х					
Other					Х					
MAINTENACE										
Maintenance Required					Х					
Maintenance Performe	d				Х					
Additional Comments					X		SNOW COVERED.			

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	IA.						
SITEID	COMPANY	MINE	DATE	WATER LEVEL (FT)	OUTFLOW (GPM)	OBSERVATIONS	MAINTENANCE (Y/N)
002	Sage Creek	Sage Creek	3- 76-24	0,6	AND 10	3.1 flume slighty tilted	X
003	Sage Creek	Sage Creek	3.76.74	0.1	1000 2.0	5 now covered	N
Lower Sump	Sage Creek	Sage Creek	3.27.21	0.2	98.6	Snow covered	N
Pecoco	Sage Creek	Sage Creek	7-27-24	0,7	£9,7	snow covered	N
Portal Sump 1	Sage Creek	Sage Creek	3-२7- रप	COND	_	Snow Covered, form	N
Portal Sump 2	Sage Creek	Sage Creek	3-87-24	_		snow covered	N
Spill Control 2	Sage Creek	Sage Creek	3-27-24			Snow covered	N
Truck Wash	Sage Creek	Sage Creek	3-27-24)		snow covered, Dry	\mathcal{N}
Upper Sump	Sage Creek	Sage Creek	3-27-24	5 ,(73	Snow Covered	N
006	Seneca	Seneca II West	27674	0.1	37.3	grow Covered	N
015	Seneca	Seneca II West	3-26-24	-1.0		Snow coreied	\mathcal{N}
016	Seneca	Seneca II West	3-26.24	0.1	33.7	snow covered	N
017	Seneca	Seneca II West	3-84-24	-0.1	_	Snow Grerel	\mathcal{N}
T-2	Seneca	Seneca II West	3-74-24	~		winter	
T-3	Seneca	Seneca II West	3-84.84	_	_	winter	~
010	Seneca	Yoast	3~76-74	0.1	9,6	snow covered	N
011	Seneca	Yoast	3-27-24	-8.5	<u> </u>	Snow Covered	N
011A	Seneca	Yoast	3 - ९७-२५	_		winter	~
012	Seneca	Yoast	3-86-84	0.)	357	Show Covered	N
012A	Seneca	Yoast	3176-24	~17	_	Snow Covered	N
013	Seneca	Yoast	3.26-24		<u> </u>	Snow Covered	\mathcal{N}
014	Seneca	Yoast	3-26-4	-1.5	~	Show Coveled	N

FIELD PERSONNEL: TH	FIELD PERSONNEL SIGNATURE:	
NOTES		

