

April 21, 2025

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

RE: Seneca Yoast Mine, Permit C-1994-082, First Quarter 2025 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

Environmental Manager

Miranda Kawcak

Peabody, Colorado Operations

Enclosure: SYM 1Q25 IIR

Mining Area	Yoast Mine(Seneca Coal Co)		Configuration		Valley Pond		
Date Inspected	3/25/2025		st Inspected	11/	12/2024		
Impoundment	Pond #010	Pond	Location	NW¼ NE¼, S	Sec. 8, T5N, R87W	Qua	rterly Impoundment Inspection Form
NPDES ID No	CO-0000221 D.P. 010	Site 1	Location	8.5 mi SE	of Hayden, CO		
Owner's Rep	Miranda Kawcak	Ins	pector	Jaso	n Herden		
			Mark o		Appropriate F	Response:	
	FEATURE				BLEM		COMMENTS
			YES (At	oove)	NO (Belo	ow)	
GENERAL							
Water Level (ft above of	or below principal spillway)		X				0.1 FT
Existing Embankment	Freeboard (10.1 ft)		X				10 FT
Outflow (gpm)			X				9.3 GPM
EROSION							
Rills & Gullies on Emb	ankment				X		
Wave Erosion					X		
Spillway Erosion					Х		
Burrows					X		
Other					Х		
STRUCTURAL							
Differential Settling					X		
Cracks or Slides					X		
Seepage					X		
Other					X		
STRUCTURES							
Principal Spillway							
Clogged Orifice					X		
Clogged or Damage	d Culvert				X		
Damaged Headgate					NA		
Emergency Spillway							
Erosion					Х		
Riprap					X		
Clogged or Damageo	d Culvert				Х		
Other					Х		
MAINTENACE							
Maintenance Required					Х		
Maintenance Performe	d				X		
Additional Comments			X		·		SNOW COVERED.

Mining Area	Yoast Mine(Seneca Coal Co)	Facility C	Configuration	Cross	s-Vally Pond							
Date Inspected	3/25/2025	Date Las	st Inspected	10,	/16/2024							
Impoundment	Pond #011	Pond			Sec. 16, T5N, R87W	Qua	arterly Impoundment Inspection Form					
NPDES ID No	CO-0000221 D.P.011	Site l	Location 8.5 mi SE		of Hayden, CO	_						
Owner's Rep	Miranda Kawcak	Ins	pector	Jaso	on Herden							
	Mark or Write in Appropriate Response:											
	FEATURE PROBLEM COMMENTS											
			YES (Ab	ove)	NO (Belo	w)						
GENERAL												
,	or below principal spillway)				Х		4.1 FT					
Existing Embankment	Freeboard (5.1 ft)		Х				9.2 FT					
Outflow (gpm)					X		0 GPM					
EROSION					ı							
Rills & Gullies on Emb	oankment				X							
Wave Erosion					X							
Spillway Erosion					X							
Burrows					X							
Other					Х							
STRUCTURAL Differential Settling							T					
Cracks or Slides					X		-					
					X		-					
Seepage Other					X		-					
STRUCTURES					^							
Principal Spillway												
Clogged Orifice					х							
Clogged or Damage	d Culvert				X		-					
Damaged Headgate					NA NA		1					
Emergency Spillway												
Erosion					Х							
Riprap					X		1					
Clogged or Damaged	d Culvert				Х							
Other					Х							
MAINTENACE												
Maintenance Required					Х							
Maintenance Performe	d				Х							
Additional Comments					Х	•	SNOW COVERED.					

Water Level (ft above or below principal spillway)   X	Mining Area	Yoast Mine(Seneca Coal Co)	<b>Facility C</b>	Configuration	Cross	-Vally Pond		
	Date Inspected	3/25/2025	Date La	st Inspected	10,	/16/2024		
Nome	Impoundment	Pond #011A			SW¼ NW¼,	Sec. 16, T5N, R87W	Oua	rterly Impoundment Inspection Form
Mark or Write in Appropriate Response:   FEATURE		N/A	Site	Location	8.5 mi SE	of Hayden, CO		<b>V</b> 1
PROBLEM	Owner's Rep	· · · · · · · · · · · · · · · · · · ·	Ins	spector				
PROBLEM	•			Mark	or Write in	n Appropriate R	lesponse:	
Water Level (ft above or below principal spillway)   X		FEATURE						COMMENTS
Water Level (ft above or below principal spillway)   X				YES (At	oove)	NO (Belo	w)	
Existing Embankment Freeboard (4.6 ft)	GENERAL				•			
Outflow (ppm)         X         0 GPM           EROSION         X           Wave Erosion         X           Spillway Erosion         X           Burrows         X           Other         X           STRUCTURAL           Differential Settling         X           Cracks or Slides         X           Scepage         X           Other         X           STRUCTURES           Principal Spillway           Clogged Orifice         X           Clogged or Damaged Culvert         X           Damaged Headgate         NA           Energency Spillway           Erosion         X           Riprap         X           Clogged or Damaged Culvert         X           Other         X           MAINTENACE         X	Water Level (ft above	or below principal spillway)				Х		3 FT
EROSION           Rills & Gullies on Embankment         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 Damaged Culvert         X           Damaged Headgate         NA           Emergency Spillway         ***           Erosion         X           Riprap         X           Clogged or Damaged Culvert         X           Other         X	Existing Embankment	Freeboard (4.6 ft)		Х				7.6 FT
Rills & Gullies on Embankment  Wave Erosion Spillway Erosion Surrows Other X Structural Cracks or Slides Seepage X Other X Structures Principal Spillway Clogged Orifice Clogged or Damaged Culvert Damaged Headgate Emergency Spillway Erosion Riprap Clogged or Damaged Culvert Damaged Culvert Damaged Culvert Damaged Culvert Damaged Culvert Damaged Headgate Emergency Spillway Erosion Riprap Clogged or Damaged Culvert Damaged Culvert Damaged Headgate Emorgency Spillway Erosion Riprap Clogged or Damaged Culvert Damaged Culvert Damaged Culvert Damaged Headgate Emorgency Spillway Erosion Riprap Clogged or Damaged Culvert Damaged Headgate Damaged Headgate Damaged Culvert Damaged Headgate Damaged Culvert Damaged Headgate Damaged Culvert Damaged Culver	Outflow (gpm)					Х		0 GPM
X	EROSION							
Spillway Erosion         X           Burrows         X           Other         X           STRUCTURAL         ***  ***  **Trivity Cracks or Slides**  **Seepage** **Other**  **Structures*  **Principal Spillway*  **Clogged Orifice**  **Clogged Orifice**  **Clogged or Damaged Culvert*  **Damaged Headgate**  **Damaged Headgate**  **Damaged Headgate**  **Erosion**  **Riprap**  **Clogged or Damaged Culvert*  **Other**  **Clogged or Damaged Culvert*  **Other**  **Trivity Cracks or Spillway*  **Trivity Cracks or Spil	Rills & Gullies on Em	bankment				Х		
X	Wave Erosion					Х		
Other         X           STRUCTURAL           Differential Settling         X           Cracks or Slides         X           Seepage         X           Other         X           STRUCTURES           Principal Spillway           Clogged Orifice         X           Clogged or Damaged Culvert         X           Damaged Headgate         NA           Emergency Spillway         X           Erosion         X           Riprap         X           Ologged or Damaged Culvert         X           Other         X           MAINTENACE         X	Spillway Erosion				Х			
STRUCTURAL	Burrows				X			
X   Cracks or Slides	Other				X			
Cracks or Slides         X           Seepage         X           Other         X           STRUCTURES           Principal Spillway         X           Clogged Orifice         X           Clogged or Damaged Culvert         X           Damaged Headgate         NA           Emergency Spillway         X           Erosion         X           Riprap         X           Clogged or Damaged Culvert         X           Other         X	STRUCTURAL							
X   X	Differential Settling					X		
Other         X           STRUCTURES           Principal Spillway         X           Clogged Orifice         X           Clogged or Damaged Culvert         X           Damaged Headgate         NA           Emergency Spillway           Erosion         X           Riprap         X           Clogged or Damaged Culvert         X           Other         X	Cracks or Slides					X		
STRUCTURES	Seepage				X			
Principal Spillway	Other					X		
Clogged Orifice								
Clogged or Damaged Culvert         X           Damaged Headgate         NA           Emergency Spillway         X           Erosion         X           Riprap         X           Clogged or Damaged Culvert         X           Other         X           MAINTENACE	_							
Damaged Headgate         NA           Emergency Spillway         X           Erosion         X           Riprap         X           Clogged or Damaged Culvert         X           Other         X           MAINTENACE								
Emergency Spillway         X           Erosion         X           Riprap         X           Clogged or Damaged Culvert         X           Other         X           MAINTENACE								
Erosion         X           Riprap         X           Clogged or Damaged Culvert         X           Other         X           MAINTENACE		<u> </u>			NA			
Riprap         X           Clogged or Damaged Culvert         X           Other         X           MAINTENACE				1				
Clogged or Damaged Culvert         X           Other         X           MAINTENACE         X								
Other X MAINTENACE	1 1	1 1						
MAINTENACE		d Culvert						
						X		
	MAINTENACE Maintenance Required			ı				

NO ACCESS. WINTER CONDITIONS.

Maintenance Required
Maintenance Performed
Additional Comments

Top of Sediment Storage = 2.1 feet below top of pipe

Mining Area	Yoast Mine(Seneca Coal Co)	Facility C	onfiguration	Cross	s-Vally Pond		
Date Inspected	3/25/2025	Date Las	t Inspected	11	/12/2024		
Impoundment	Pond #012	Pond 1			Sec. 19, T5N, R87W	Qua	rterly Impoundment Inspection Form
NPDES ID No	CO-0000221 D.P. 012	Site L	ocation 8.5 mi SE		of Hayden, CO	_	
Owner's Rep	Miranda Kawcak	Insp	pector	Jaso	on Herden		
		•	Mark	or Write i	n Appropriate F	Response:	
	FEATURE				OBLEM		COMMENTS
			YES (Ab	oove)	NO (Belo	w)	
GENERAL							
	or below principal spillway	)	X				0.1 FT
Existing Embankment	Freeboard (9.0 ft)		X				8.9 FT
Outflow (gpm)			X				42.1 GPM
EROSION							
Rills & Gullies on Eml	oankment				Х		
Wave Erosion		-			Х		
Spillway Erosion					Х		
Burrows					X		
Other					X		
STRUCTURAL		1					T
Differential Settling Cracks or Slides					X		
					X		
Seepage Other		F			X		
STRUCTURES					^		
Principal Spillway							
Clogged Orifice					Х		
Clogged or Damage	ed Culvert				X		
Damaged Headgate					NA NA		
Emergency Spillway		L					1
Erosion					Х		
Riprap		ļ			Х		
Clogged or Damage	d Culvert	ļ			Х		
Other		ļ			Х		
MAINTENACE							
Maintenance Required					Х		
Maintenance Performe	d				Х		
Additional Comments					Х		SNOW COVERED.

Mining Area	Yoast Mine(Seneca Coal Co)	acility Co	nfiguratio	Cross-	-Vally Pond							
Date Inspected	3/25/2025	Date Last	Inspected	11/	12/2024							
Impoundment	Pond #012A	Pond L	ocation	, , , ,		Qua	rterly Impoundment Inspection Form					
NPDES ID No	N/A	Site Lo	ocation	n 8.5 mi SE of Hayden, CO		_	• •					
Owner's Rep	Miranda Kawcak	Inspe	ector	Jaso	n Herden							
	Mark or Write in Appropriate Response:											
	FEATURE				OBLEM		COMMENTS					
			YES (	Above)	NO (Bel	ow)						
GENERAL	GENERAL											
	or below principal spillway)				X		1.3 FT					
Existing Embankment	Freeboard (4.6 ft)		7	X			9.3 FT					
Outflow (gpm)					Х		0 GPM					
EROSION												
Rills & Gullies on Emb	ankment				Х							
Wave Erosion					Х							
Spillway Erosion					Х							
Burrows					Х							
Other					X							
STRUCTURAL												
Differential Settling					Х							
Cracks or Slides					X							
Seepage					X							
Other					Х							
STRUCTURES												
Principal Spillway							T					
Clogged Orifice	1.0-14				X							
Clogged or Damage	d Cuivert				X NA							
Damaged Headgate Emergency Spillway					I NA							
Erosion Erosion					Х							
Riprap					X							
Clogged or Damageo	1 Culvert				X							
Other	ı Curvett				X							
MAINTENACE												
Maintenance Required					Х							
Maintenance Performe	d				X							
Additional Comments	<del>.</del>				X		SNOW COVERED.					
			1		Λ		DITOTI COTEREDI					

Mining Area	Yoast Mine(Seneca Coal Co)	Facility C	Configuration	Cross-	-Vally Pond		
Date Inspected	3/25/2025	Date La	st Inspected	11/	12/2024		
Impoundment	Pond #013	Pond	Location	SE¼ NW¼, Sec. 19, T5N, R87W		Oua	arterly Impoundment Inspection Form
NPDES ID No	CO-0000221 D.P. 013	Site 1	Location	8.5 mi SE	of Hayden, CO		v i
Owner's Rep	Miranda Kawcak	Ins	pector	Jaso	n Herden		
		•	Mark	r Write in	1 Appropriate l	Response:	
	FEATURE			PRO	BLEM		COMMENTS
			YES (Ab	ove)	NO (Belo	ow)	
GENERAL							
Water Level (ft above of	or below principal spillway	)			Х		0.5
Existing Embankment	Freeboard (4.0 ft)		X				6.9 FT
Outflow (gpm)					Х		0 GPM
EROSION							
Rills & Gullies on Emb	oankment				Х		
Wave Erosion					X		
Spillway Erosion					X		
Burrows					Х		
Other					X		
STRUCTURAL							
Differential Settling					Х		
Cracks or Slides					Х		
Seepage					Х		
Other					Х		
STRUCTURES							
Principal Spillway					T		
Clogged Orifice					Х		
Clogged or Damage					Х		
Damaged Headgate					NA		
Emergency Spillway			Ī		T		
Erosion					Х		
Riprap					Х		
Clogged or Damageo	d Culvert				Х		
Other					Х		
MAINTENACE					ı		
Maintenance Required					X		-
Maintenance Performe	d				X		-
Additional Comments					Х		SNOW COVERED.

Mining Area	Yoast Mine(Seneca Coal Co)	Facility C	onfiguration	Cross-	Vally Pond		
Date Inspected	3/25/2025	Date Las	t Inspected	11/:	12/2024		
Impoundment	Pond #014	Pond 1	Location	NE¼ SW¼, Se	ec. 19, T5N, R87W	Qua	rterly Impoundment Inspection Form
NPDES ID No	CO-0000221 D.P. 014	Site I	ocation	8.5 mi SE	of Hayden, CO		• •
Owner's Rep	Miranda Kawcak	Insj	pector	Jasoi	n Herden		
			Mark o		Appropriate R	esponse:	
	FEATURE				BLEM		COMMENTS
			YES (Al	oove)	NO (Belo	ow)	
GENERAL		Ÿ					
Water Level (ft above of	or below principal spillway)				X		1.6 FT
Existing Embankment	Freeboard (6.8 ft)		X				12.4 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					X		
Seepage					X		
Other					Х		
STRUCTURES							
Principal Spillway							
Clogged Orifice					Х		
Clogged or Damage					X		
Damaged Headgate					NA		
Emergency Spillway							
Erosion					X		
Riprap					X		
Clogged or Damageo	d Culvert	_			X		
Other					Х		
MAINTENACE							
Maintenance Required					X		
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)

SITE ID	COMPANY	MINE	DATE	WATER LEVEL (FT)	OUTFLOW (GPM)	OBSERVATIONS	MAINTENANCE (Y/N)
002	Sage Creek	Sage Creek	3-25-25	0.1	68.3	some court won	سر
003	Sage Creek	Sage Creek	3.25.25	0.1	\$5000 P.19	5-me animal burrows	N
Lower Sump	Sage Creek	Sage Creek	3-26-85	0,3	88.6	sn-w covered	N
Pecoco	Sage Creek	Sage Creek	3-26-3	0.1	કર.	snow covered	N
Portal Sump 1	Sage Creek	Sage Creek	3-26-5	~	~	Sn-~ Gretal	N
Portal Sump 2	Sage Creek	Sage Creek	3-26-25	~	_	Snow Coretal	N
Spill Control 2	Sage Creek	Sage Creek	3-26-25			Snow Govered	N
Truck Wash	Sage Creek	Sage Creek	3-76-25	U		Snow covered	N
Upper Sump	Sage Creek	Sage Creek	3-26-25	0,1	ي, بوح	Snam Covered	N
006	Seneca	Seneca II West	3-23.25	0.	<u> </u>	shesens, side no impact	N
015	Seneca	Seneca II West	3-25.15	~	~	snow covered, no Flow	ىد
016	Seneca	Seneca II West	3-15.24	0.(	37.8	sum Covered	N
017	Seneca	Seneca II West	3-25-24	o.l	3.9	show covered	N
T-2	Seneca	Seneca II West	7-26-25	_	~	winter	-
T-3	Seneca	Seneca II West	7-24-55			winder	
010	Seneca	Yoast	3-25-24	0.1	93	Snow covered	N
011	Seneca	Yoast	7-25-25		_	no flow, snow control	~
011A	Seneca	Yoast	325.25			no access	
012	Seneca	Yoast	3-25-25	0.1	42.1	Snowcovered	,
012A	Seneca	Yoast	3-25-25	-1.3	U	Som covered	A.
013	Seneca	Yoast	3-25.25	-0.5		SHOW Covered	N
014	Seneca	Yoast	J-25-55	-1.6	~	Snow covered	w

FIELD PERSONNEL: 3 H	FIELD PERSONNEL SIGNATURE:	
NOTES		