



Seneca Yoast Mine  
29515 RCR 27  
Oak Creek, CO 80467

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*

Miranda Kawcak  
Environmental Manager  
Peabody, Colorado Operations

Enclosure: SYM 1Q25 IIR

<b>Mining Area</b> <b>Date Inspected</b> <b>Impoundment</b> <b>NPDES ID No</b> <b>Owner's Rep</b>	Yoast Mine(Seneca Coal Co)	<b>Facility Configuration</b> <b>Date Last Inspected</b> <b>Pond Location</b> <b>Site Location</b> <b>Inspector</b>	Cross-Valley Pond	<b>Quarterly Impoundment Inspection Form</b>
	3/25/2025		11/12/2024	
	Pond #010		NW¼ NE¼, Sec. 8, T5N, R87W	
	CO-0000221 D.P. 010		8.5 mi SE of Hayden, CO	
	Miranda Kawcak		Jason Herden	
<b>Mark or Write in Appropriate Response:</b>				
<b>FEATURE</b>	<b>PROBLEM</b>		<b>COMMENTS</b>	
	<b>YES (Above)</b>	<b>NO (Below)</b>		
<b>GENERAL</b>				
Water Level (ft above or below principal spillway)	X		<b>0.1 FT</b>	
Existing Embankment Freeboard (10.1 ft)	X		<b>10 FT</b>	
Outflow (gpm)	X		<b>9.3 GPM</b>	
<b>EROSION</b>				
Rills & Gullies on Embankment		X		
Wave Erosion		X		
Spillway Erosion		X		
Burrows		X		
Other		X		
<b>STRUCTURAL</b>				
Differential Settling		X		
Cracks or Slides		X		
Seepage		X		
Other		X		
<b>STRUCTURES</b>				
<b>Principal Spillway</b>				
Clogged Orifice		X		
Clogged or Damaged Culvert		X		
Damaged Headgate		NA		
<b>Emergency Spillway</b>				
Erosion		X		
Riprap		X		
Clogged or Damaged Culvert		X		
Other		X		
<b>MAINTENACE</b>				
Maintenance Required		X		
Maintenance Performed		X		
Additional Comments	X			<b>SNOW COVERED.</b>

<b>Mining Area</b> <b>Date Inspected</b> <b>Impoundment</b> <b>NPDES ID No</b> <b>Owner's Rep</b>	Yoast Mine(Seneca Coal Co)	<b>Facility Configuration</b> <b>Date Last Inspected</b> <b>Pond Location</b> <b>Site Location</b> <b>Inspector</b>	Cross-Vally Pond	<b>Quarterly Impoundment Inspection Form</b>
	3/25/2025		10/16/2024	
	Pond #011		NW¼ SW¼, Sec. 16, T5N, R87W	
	CO-0000221 D.P.011		8.5 mi SE of Hayden, CO	
	Miranda Kawcak		Jason Herden	
<b>Mark or Write in Appropriate Response:</b>				
FEATURE		PROBLEM		COMMENTS
		YES (Above)	NO (Below)	
<b>GENERAL</b>				
Water Level (ft above or below principal spillway)			X	4.1 FT
Existing Embankment Freeboard (5.1 ft)		X		9.2 FT
Outflow (gpm)			X	0 GPM
<b>EROSION</b>				
Rills & Gullies on Embankment			X	
Wave Erosion			X	
Spillway Erosion			X	
Burrows			X	
Other			X	
<b>STRUCTURAL</b>				
Differential Settling			X	
Cracks or Slides			X	
Seepage			X	
Other			X	
<b>STRUCTURES</b>				
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	
<b>MAINTENANCE</b>				
Maintenance Required			X	SNOW COVERED.
Maintenance Performed			X	
Additional Comments			X	

Mining Area Date Inspected Impoundment NPDES ID No Owner's Rep	Yoast Mine(Seneca Coal Co)	Facility Configuration Date Last Inspected Pond Location Site Location Inspector	Cross-Vally Pond	Quarterly Impoundment Inspection Form
	3/25/2025		10/16/2024	
	Pond #011A		SW¼ NW¼, Sec. 16, T5N, R87W	
	N/A		8.5 mi SE of Hayden, CO	
	Miranda Kawcak		Jason Herden	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (ft above or below principal spillway)		X	3 FT	
Existing Embankment Freeboard (4.6 ft)	X		7.6 FT	
Outflow (gpm)		X	0 GPM	
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		
MAINTENACE				
Maintenance Required		X	NO ACCESS. WINTER CONDITIONS.	
Maintenance Performed		X		
Additional Comments		X		

Top of Sediment Storage = 2.1 feet below top of pipe

Mining Area Date Inspected Impoundment NPDES ID No Owner's Rep	Yoast Mine(Seneca Coal Co)	Facility Configuration Date Last Inspected Pond Location Site Location Inspector	Cross-Vally Pond	Quarterly Impoundment Inspection Form
	3/25/2025		11/12/2024	
	Pond #012		NE¼ NW¼, Sec. 19, T5N, R87W	
	CO-0000221 D.P. 012		8.5 mi SE of Hayden, CO	
	Miranda Kawcak		Jason Herden	
Mark or Write in Appropriate Response:				
FEATURE		PROBLEM		COMMENTS
		YES (Above)	NO (Below)	
GENERAL				
Water Level (ft above 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 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	
MAINTENACE				
Maintenance Required			X	
Maintenance Performed			X	
Additional Comments			X	
				SNOW COVERED.

<b>Mining Area</b> <b>Date Inspected</b> <b>Impoundment</b> <b>NPDES ID No</b> <b>Owner's Rep</b>	Yoast Mine(Seneca Coal Co)	<b>Facility Configuratio</b> <b>Date Last Inspected</b> <b>Pond Location</b> <b>Site Location</b> <b>Inspector</b>	Cross-Vally Pond	<b>Quarterly Impoundment Inspection Form</b>
	3/25/2025		11/12/2024	
	Pond #012A		NE¼ NW¼, Sec. 19, T5N, R87W	
	N/A		8.5 mi SE of Hayden, CO	
	Miranda Kawcak		Jason Herden	
<b>Mark or Write in Appropriate Response:</b>				
<b>FEATURE</b>	<b>PROBLEM</b>		<b>COMMENTS</b>	
	YES (Above)	NO (Below)		
<b>GENERAL</b>				
Water Level (ft above or below principal spillway)		X	1.3 FT	
Existing Embankment Freeboard (4.6 ft)	X		9.3 FT	
Outflow (gpm)		X	0 GPM	
<b>EROSION</b>				
Rills & Gullies on Embankment		X		
Wave Erosion		X		
Spillway Erosion		X		
Burrows		X		
Other		X		
<b>STRUCTURAL</b>				
Differential Settling		X		
Cracks or Slides		X		
Seepage		X		
Other		X		
<b>STRUCTURES</b>				
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		
<b>MAINTENACE</b>				
Maintenance Required		X	SNOW COVERED.	
Maintenance Performed		X		
Additional Comments		X		

<b>Mining Area</b> <b>Date Inspected</b> <b>Impoundment</b> <b>NPDES ID No</b> <b>Owner's Rep</b>	Yoast Mine(Seneca Coal Co)	<b>Facility Configuration</b> <b>Date Last Inspected</b> <b>Pond Location</b> <b>Site Location</b> <b>Inspector</b>	Cross-Vally Pond	<b>Quarterly Impoundment Inspection Form</b>
	3/25/2025		11/12/2024	
	Pond #013		SE¼ NW¼, Sec. 19, T5N, R87W	
	CO-0000221 D.P. 013		8.5 mi SE of Hayden, CO	
	Miranda Kawcak		Jason Herden	
<b>Mark or Write in Appropriate Response:</b>				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
<b>GENERAL</b>				
Water Level (ft above or below principal spillway)		X	0.5	
Existing Embankment Freeboard (4.0 ft)	X		6.9 FT	
Outflow (gpm)		X	0 GPM	
<b>EROSION</b>				
Rills & Gullies on Embankment		X		
Wave Erosion		X		
Spillway Erosion		X		
Burrows		X		
Other		X		
<b>STRUCTURAL</b>				
Differential Settling		X		
Cracks or Slides		X		
Seepage		X		
Other		X		
<b>STRUCTURES</b>				
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		
<b>MAINTENACE</b>				
Maintenance Required		X		
Maintenance Performed		X		
Additional Comments		X		SNOW COVERED.

Mining Area Date Inspected Impoundment NPDES ID No Owner's Rep	Yoast Mine(Seneca Coal Co)	Facility Configuration	Cross-Vally Pond	Quarterly Impoundment Inspection Form
	3/25/2025	Date Last Inspected	11/12/2024	
	Pond #014	Pond Location	NE¼ SW¼, Sec. 19, T5N, R87W	
	CO-0000221 D.P. 014	Site Location	8.5 mi SE of Hayden, CO	
	Miranda Kawcak	Inspector	Jason Herden	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (ft above 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 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		
MAINTENACE				
Maintenance Required		X		
Maintenance Performed		X		
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

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	snow covered <del>some animal burrows</del>	N
003	Sage Creek	Sage Creek	3-25-25	0.1	68.3	some animal burrows	N
Lower Sump	Sage Creek	Sage Creek	3-26-25	0.2	88.6	snow covered	N
Pecoco	Sage Creek	Sage Creek	3-26-25	0.1	82.1	snow covered	N
Portal Sump 1	Sage Creek	Sage Creek	3-26-25	-	-	snow covered	N
Portal Sump 2	Sage Creek	Sage Creek	3-26-25	-	-	snow covered	N
Spill Control 2	Sage Creek	Sage Creek	3-26-25	-	-	snow covered	N
Truck Wash	Sage Creek	Sage Creek	3-26-25	-	-	snow covered	N
Upper Sump	Sage Creek	Sage Creek	3-26-25	0.1	20.6	snow covered	N
006	Seneca	Seneca II West	3-25-25	0.1	32.3	sluffs on S. side, no impact	N
015	Seneca	Seneca II West	3-25-25	-	-	snow covered, no flow	N
016	Seneca	Seneca II West	3-25-25	0.1	37.8	snow covered	N
017	Seneca	Seneca II West	3-25-25	0.1	3.9	snow covered	N
T-2	Seneca	Seneca II West	3-26-25	-	-	winter	-
T-3	Seneca	Seneca II West	3-26-25	-	-	winter	-
010	Seneca	Yoast	3-25-25	0.1	9.3	snow covered	N
011	Seneca	Yoast	3-25-25	-	-	no flow, snow covered	N
011A	Seneca	Yoast	3-25-25	-	-	no access	-
012	Seneca	Yoast	3-25-25	0.1	42.1	snow covered	N
012A	Seneca	Yoast	3-25-25	-1.3	-	snow covered	N
013	Seneca	Yoast	3-25-25	-0.5	-	snow covered	N
014	Seneca	Yoast	3-25-25	-1.6	-	snow covered	N

FIELD PERSONNEL: JH

FIELD PERSONNEL SIGNATURE: 

## NOTES
