

Moffat County Mining, LLC 29515 RCR 27 Oak Creek, CO 80467

October 13, 2023

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

RE: 3rd Quarter and Annual Pond Inspections – Williams Fork Mine (C 1981-044)

Ms. Reilley:

Enclosed are the 3<sup>rd</sup> quarter 2023 and Annual pond inspection reports for the Williams Fork Mine. I personally inspected each pond and have provided a Professional Engineer's Statement on the following page of this letter to accompany the inspection reports. Please contact me if there are any questions or if you need any additional information.

Best Regards,

Miranda Kawcak

Environmental Manager

Peabody, Colorado Operations

Attachments:

Professional Engineer Certification (Miranda Kawcak, P.E.) Inspection Reports

Minds Caweals

## **CERTIFICATION**

I, Miranda Lynn Kawcak, a registered engineer in the State of Colorado do hereby certify that I have reviewed the attached Williams Fork Mine Sediment Pond Reports covering the third quarter of 2023, and that they are true and correct to the best of my knowledge and belief.

Muarda Kaurali

10-13-23

Miranda Lynn Kawcak CO P.E. No. 59419 Date

Mining Area	Williams Fork Mine	Facility Configu	<b>figuration</b> Spoil Spring		Outfall	Oua	rterly Impoundment Inspection Form				
Date Inspected	9/19/2023	Date Last Insp	st Inspected 6/6,		23	Zu	The state of the s				
Impoundment	Site 1SP	Pond Locati	ion SE/4 NW/4 Sec.31		L T6N R91W						
NPDES ID No		Site Location	on	7 mi. S of Cr	aig, CO						
Owner's Rep	Miranda Kawcak	Inspector	•	Miranda Ka							
•		· ·		or Write in App	oropriate Re	esponse:					
	FEATURE			PROBLE		•	COMMENTS				
			YES	(Above)	NO (Be	elow)					
GENERAL											
Water Level (above or	below principal spillw	ay)			Х						
Outflow (gpm)					Х		No Flow				
EROSION											
Rills & Gullies on Em	bankment				Х						
Wave Erosion					Х						
Spillway Erosion					Х						
Burrows					Х						
Other											
STRUCTURAL											
Differential Settling					X						
Cracks or Slides					X						
Seepage					X						
Other					X						
STRUCTURES											
Principal Spillway											
Clogged Orifice					Х						
Clogged or Damage					Х						
Damaged Headgate	;				Х						
Emergency Spillway											
Erosion					Х						
Riprap					Х						
	Clogged or Damaged Culvert			Х							
Other					Х						
MAINTENACE											
Maintenance Required					Х						
Maintenance Performe	ed				Х						
Additional Comments					X						

Mining Area	Williams Fork Mine	Facility Configuration	Recessed Ponds
<b>Date Inspected</b>	9/19/2023	Date Last Inspected	6/6/2023
Impoundment	5-Ponds 1-3	Pond Location	SW/4 Sec.31 T6N R91W
NPDES ID No		Site Location	7 mi. S of Craig, CO
Owner's Den	Miranda Kawcak	Inspector	Miranda Kawsak

## **Quarterly Impoundment Inspection Form**

Owner's Rep   Miranda Kawcak	Inspector	Mirand	a Kawcak									
	Mark or Write in Appropriate Response:											
FEATURE			PROBI				COMMENTS					
	YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)						
GENERAL	<u>5</u>	<u>-P1</u>	<u>5-</u> ]	<u>P2</u>	<u>5-</u>	<u>P3</u>						
Water Level (above or below principal spillway)	Dry	Х	Dry	Х	Dry	X						
Outflow (gpm)		0 GPM		0 GPM		0 GPM						
EROSION												
Rills & Gullies on Embankment		Х		Х		X						
Wave Erosion		Х		Х		X						
Spillway Erosion		Х		Х		X						
Burrows		Х		Х		X						
Other		Х		Х		X						
STRUCTURAL												
Differential Settling		Х		Х		X						
Cracks or Slides		Х		Х		X						
Seepage		Х		Х		Х						
Other		Х		Х		Х						
STRUCTURES												
Principal Spillway			•									
Clogged Orifice		Х		Х		Х						
Clogged or Damaged Culvert		Х		Х		Х						
Damaged Headgate		Х		Х		Χ						
Emergency Spillway	1	•	•	•	T							
Erosion		Х		Х		Х						
Riprap		Х		Х		Х						
Clogged or Damaged Culvert		Х		Х		Х						
Other		Х	<u> </u>	Х		Х						
MAINTENACE	1	1		1	ı							
Maintenance Required		Х		Х		Х						
Maintenance Performed		X		Х		Х						
Additional Comments		Х		Х		Х						

Mining Area	Williams Fork Mine	<b>Facility Conf</b>	figuration	Em	bankment Po	nds	Quarterly Impoundment Inspection Form				
Date Inspected	9/19/2023	Date Last	_		6/6/2023		Quui	cerry rim	pounume	nt inspe	
Impoundment	9A Ponds		Location	NW	7/4 Sec.31 T6N R	91W					
NPDES ID No			Location		mi. S of Craig,						
Owner's Rep	Miranda Kawcak		Inspector		/iranda Kawca						
			_	Mark or W	rite in Appı	opriate Res	ponse:				
	FEATURE				**	PROB					COMMENTS
		YES	S (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)	
GENERAL			<u>9A-I</u>	<u> 21</u>	9A	<u>-P2</u>	<u>9A</u> -	<u>P3</u>	9A-	<u>P4</u>	
Water Level (above	or below principal sp	illway)	PH III REL	EACED		Х					0.4. D2 DDW
Outflow (gpm)			PR III KEL	EASED -		0 GPM	PH III RE	LEASED -	PH III REI	LEASED -	9A-P2 DRY
EROSION											
Rills & Gullies on E	mbankment					Х					
Wave Erosion						Х					
Spillway Erosion						Х					
Burrows						X					
Other						X					
STRUCTURAL											
Differential Settling						X					
Cracks or Slides						X					
Seepage						X					
Other						X					
STRUCTURES											
Principal Spillway									1	T	
Clogged Orifice						Х					
Clogged or Dama	_					Χ					
Damaged Headga						Χ					
Emergency Spillway		<u> </u>	T.						T .	ı	
Erosion						X					
Riprap	101					X					
Clogged or Damag	ged Culvert					X					
Other						X					
MAINTENACE	1		Г			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				Ţ	
Maintenance Require						X					
Maintenance Perform						X					
Additional Comment	ts					Χ					

Mining Area Williams Fork Mine Faci	ility Configuration	Recessed Ponds			Quarterly Impoundment Inspection Form							
Date Inspected 9/19/2023 D	ate Last Inspected		6/6/2023			<i>J</i>						
Impoundment 9 Ponds 1-4	<b>Pond Location</b>	ond Location NE/4 Sec.31 T6N R91W										
NPDES ID No	Site Location	Site Location 7 mi. S of Craig, CO										
Owner's Rep Miranda Kawcak	Inspector	N	Airanda Kawca	ık	1							
Mark or Write in Appropriate Response:  FEATURE PROBLEM COMMENTS												
FEATURE		PROBLEM										
	YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above) NO (Below)		YES (Above)	NO (Below)				
GENERAL	<u>9-P</u>	<u>1</u>	<u>9-</u> ]	<u>P2</u>	9-	<u>P3</u>	<u>9-F</u>	<u> 24</u>				
Water Level (above or below principal spillway	y)	Χ		Χ		X		X	ALL DRY			
Outflow (gpm)		0 GPM		0 GPM		0 GPM		0 GPM	ALL DR1			
EROSION												
Rills & Gullies on Embankment		Χ		Χ		Х		Χ				
Wave Erosion		Χ		Χ		Χ		Χ				
Spillway Erosion		Χ		X		Х		Χ				
Burrows		X		X		X		Χ				
Other		Χ		X		X		Χ				
STRUCTURAL												
Differential Settling		Χ		Х		Х		Χ				
Cracks or Slides		Χ		Χ		Χ		Χ				
Seepage		Χ		Х		Χ		Χ				
Other		Χ		Х		Х		Χ				
STRUCTURES												
Principal Spillway	1				1							
Clogged Orifice		Х		X		Х		X				
Clogged or Damaged Culvert		Х		Х		Х		Χ				
Damaged Headgate		Χ		X		Х		Χ				
Emergency Spillway	· · · · · · · · · · · · · · · · · · ·		1		1		, ,					
Erosion		Х		Х		Х		Х				
Riprap		Х		Х		Х		Χ				
Clogged or Damaged Culvert		Х		Х		Х		Х				
Other		Х		Х		Х		Х				
MAINTENACE					<u> </u>		,	-				
Maintenance Required		Х		Х		Х		Χ				
Maintenance Performed		Х		Х		Х		Х				
Additional Comments		Χ		Χ		Х		Χ				

Mining Area Williams Fork Mine Facilit	y Configuration	Recessed Ponds			Quarterly Impoundment Inspection Form				
Date Inspected 9/19/2023 Dat	<b>Last Inspected</b>		6/6/2023			J			
Impoundment 9 Ponds 5-8	<b>Pond Location</b>	NE,	/4 Sec.31 T6N R9	1W					
NPDES ID No	Site Location	Site Location 7 mi. S of Craig, CO							
Owner's Rep Miranda Kawcak	Inspector	N	Airanda Kawca	ık	1				
		Mark or W	rite in Appr	opriate Res	ponse:				
FEATURE				PROB					COMMENTS
	YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)	
GENERAL	<u>9-P</u>	<u>25</u>	<u>9-</u> ]	<u>P6</u>	<u>9-</u>	<u>P7</u>	<u>9-P</u>	<u>'8</u>	
Water Level (above or below principal spillway)		Χ		Χ		X		X	ALL DRY
Outflow (gpm)		0 GPM		0 GPM		0 GPM		0 GPM	ALL DK1
EROSION									
Rills & Gullies on Embankment		Χ		Χ		Х		Χ	
Wave Erosion		Χ		Х		Х		Χ	
Spillway Erosion		Χ		X		Х		Χ	
Burrows		Χ		X		Х		Χ	
Other		Χ		X		Х		Χ	
STRUCTURAL									
Differential Settling		Χ		X		Х		Χ	
Cracks or Slides		Х		Х		Х		Х	
Seepage		X		Х		Х		Χ	
Other		Х		Х		Х	<u> </u>	Х	
STRUCTURES									
Principal Spillway			1		1	1			
Clogged Orifice		Х		Х		Х		Х	
Clogged or Damaged Culvert		Х		Х		Х		Х	
Damaged Headgate		Χ		Х		Χ		Χ	
Emergency Spillway		.,	1		ı				
Erosion		X		X		X		X	
Riprap		X		X		X		X	
Clogged or Damaged Culvert		X		X		X		X	
Other MAD VERNAGE		Х		X		Х	<u> </u>	Х	
MAINTENACE		V		V	I	V	1	V I	
Maintenance Required		X		X		X		X	
Maintenance Performed		X		X		X		X	
Additional Comments		Х		Χ		Х		Χ	

Mining Area	Williams Fork Mine	Facility C	onfiguration	Em	bankment Po	nds	Quarterly Impoundment Inspection Form
Date Inspected	9/19/2023	•	st Inspected		6/6/2023		Quarterly impoundment inspection 1 orm
Impoundment	Haul Road Ponds		Location	NW/4 Sec.31 T6N R91W		91W	
NPDES ID No		-	Location		mi. S of Craig,		
Owner's Rep	Miranda Kawcak		pector		1iranda Kawc		
						ate Response	2.
	FEATURE			PROF	BLEM	•	COMMENTS
			YES (Above)	NO (Below)	YES (Above)	NO (Below)	
GENERAL			HR-	<u>P1A</u>	HR-	-P1B	
Water Level (above or	below principal spillwa	y)	Dry	Χ	Dry	Х	
Outflow (gpm)			-	0 GPM	-	0 GPM	
EROSION							
Rills & Gullies on Emb	pankment			Х		Х	
Wave Erosion				Χ		Х	
Spillway Erosion				Χ		Х	
Burrows				Χ		X	
Other				Х		X	
STRUCTURAL							
Differential Settling				Χ		X	
Cracks or Slides				Χ		X	
Seepage				Χ		X	
Other				Χ		X	
STRUCTURES							
Principal Spillway			-				
Clogged Orifice				Χ		X	
Clogged or Damage				Χ		X	
Damaged Headgate				Χ		X	
Emergency Spillway							
Erosion				Χ		Χ	
Riprap	÷ ÷			Χ		Х	
Clogged or Damaged Culvert			Х		Х		
Other				Х		Х	
MAINTENACE						-	
Maintenance Required				Х		Х	
Maintenance Performe	d			Χ		Х	
Additional Comments				Χ		Х	

Mining Area	Williams Fork Mine	Facility C	Configuration	Em	ıbankment Po	onds	Quarterly Impoundment Inspection Form
<b>Date Inspected</b>	9/19/2023	Date Las	st Inspected	d 6/6/2023			Quarterly impoundment inspection 1 or in
Impoundment	Shop Ponds	Pond	Location	NE/4 Sec.6 T5N R91W		91W	
NPDES ID No		Site 1	Location	7 :	mi. S of Craig,	СО	
Owner's Rep	Miranda Kawcak	Ins	pector		/liranda Kawc		
			Marl	k or Write i	n Appropri	ate Response	2:
	FEATURE				BLEM	_	COMMENTS
			YES (Above)	NO (Below)	NO (Below) YES (Above)		
GENERAL			SH-	· <u>P1</u>	SH	<u>-P2</u>	
Water Level (above or	below principal spillway	y)		Χ		Х	ALL DRY
Outflow (gpm)				0 GPM		0 GPM	ALL DR I
EROSION							
Rills & Gullies on Eml	oankment			Х		X	
Wave Erosion				Χ		X	
Spillway Erosion				Χ		X	
Burrows	Burrows			Χ		X	
Other				Χ		X	
STRUCTURAL							
Differential Settling				Χ		X	
Cracks or Slides				Χ		X	
Seepage				Χ		X	
Other				Χ		X	
STRUCTURES							
Principal Spillway			<u>-</u>				
Clogged Orifice				Χ		X	
Clogged or Damage				Χ		X	
Damaged Headgate				Χ		X	
Emergency Spillway							
Erosion				Χ		X	
Riprap				Х		X	
Clogged or Damaged Culvert			Х		Х		
Other				Х		Х	
MAINTENACE							
Maintenance Required				Х		Х	
Maintenance Performe	d			Х		Х	
Additional Comments				X		X	

Date Inspected	9/19/2023	Date La	ast Inspected		6/6/2023		
Impoundment	5A Pond	Pond	Location	NW/4	Sec.6 T5N R91W	Qua	rterly Impoundment Inspection Form
NPDES ID No		Site 1	Location	7 mi. S of Craig, CO		,	v 1
Owner's Rep	Miranda Kawcak	Ins	pector	Mir	anda Kawcak		
			Ma	rk or Wri	te in Appropriate	Response:	
	FEATURE				PROBLEM		COMMENTS
			YES (Ab	ove)	NO (Below	7)	
GENERAL							
Water Level (above or	below principal spillw	ay)			Х		
Outflow (gpm)					0 GPM		DRY
EROSION							
Rills & Gullies on Emb	oankment				Х		
Wave Erosion					Х		
Spillway Erosion					Х		
Burrows					X		
Other					Х		
STRUCTURAL					ı		
Differential Settling					X		
Cracks or Slides					X X		
Seepage							
Other STRUCTURES					Х		
Principal Spillway							
Clogged Orifice					Х		
Clogged or Damage	d Culvert				X		
Damaged Headgate					X		
Emergency Spillway					Λ		
Erosion					Х		
Riprap					Х		
Clogged or Damage	d Culvert				X		
Other					X		
MAINTENACE							
Maintenance Required				Х			
Maintenance Performe					Х		
Additional Comments					Х		

Embankment Pond

Mining Area

Williams Fork Mine Facility Configuration