

**Twentymile Coal, LLC** 29515 RCR 27 Oak Creek, CO 80467

October 13, 2023

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

## RE: 3rd Quarter and Annual Pond Inspections – Twentymile Foidel Creek Mine (C 1982-056)

Ms. Ridley:

Enclosed are the 3<sup>rd</sup> quarter 2023 and Annual PE Certified pond inspection reports for Foidel Creek 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

Miranda Kawcak, PE Environmental Manager Peabody, Colorado Operations

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

## **CERTIFICATION**

*I*, *Miranda Lynn Kawcak*, a registered engineer in the State of Colorado do hereby certify that I have reviewed the attached Twenymile Foidel Creek 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.

Miranda Kawcak

10/13/2023

Date

Miranda Lynn Kawcak CO P.E. No. 59419



Mining Area	Foidel Creek Mine	acility Configuratio	Embankn	nent	Оца	rterly Impoundment Inspection Form						
<b>Date Inspected</b>	9/12/2023	Date Last Inspected	6/9/2023		¥							
Impoundment	Pond A	Pond Location	SW/4 NW/4 Sec.32 T5N R86W									
NPDES ID No	N/A	Site Location	10 mi. NW of Oa	k Creek, CO								
<b>Owner's Rep</b>	Miranda Kawcak	Inspector	M.Kawo									
			k or Write in A	ppropriate <b>H</b>	Response:							
	FEATURE		PROBL	EM		COMMENTS						
		YE	S (Above)	NO (Be	elow)							
GENERAL												
Water Level (above or	below principal spillw	vay)	Х									
Outflow (gpm)			Х			615 gpm						
EROSION												
Rills & Gullies on Eml	bankment			Х								
Wave Erosion				Х								
Spillway Erosion				Х								
Burrows			Х			Ongoing rodent hole maintenance						
Other				Х								
STRUCTURAL												
Differential Settling				Х								
Cracks or Slides			х									
Seepage			X									
Other			Х									
STRUCTURES												
Principal Spillway		1										
Clogged Orifice				Х								
Clogged or Damage				Х								
Damaged Headgate				Х								
Emergency Spillway												
Erosion				Х								
Riprap				Х								
	Clogged or Damaged Culvert		X									
Other				Х								
MAINTENACE												
Maintenance Required			X			Beaver debris removed from flume						
Maintenance Performe	d		Х	Х								
Additional Comments		Lowest Hole: 6933 5 F		Х								

Riser Crest: 6937.3 Feet

Lowest Hole: 6933.5 Feet

Mining Area	Foidel Creek Mine	Facility C	onfiguration	Recess	sed, Double Cell					
Date Inspected	9/12/2023	•	st Inspected		6/9/2023					
Impoundment	Pond B		Location		/4 Sec.31 T5N R86W	Оця	rterly Impoundment Inspection Form			
NPDES ID No	CO0027154		Location		V of Oak Creek, CO	Zuu	rterry impoundment inspection i orm			
Owner's Rep	Miranda Kawcak		pector		M.Kawcak					
o when s hep	Windhad Raweak	1115	<b>A</b>			Resnanse				
Mark or Write in Appropriate Response:       FEATURE     PROBLEM     COMMENTS										
			YES (Ab		NO (Below	r)				
GENERAL										
Water Level (above or b	elow principal spillwa	ay)	Х							
Outflow (gpm)		•	Х				23.5 gpm			
EROSION										
Rills & Gullies on Emb	ankment				Х					
Wave Erosion					Х					
Spillway Erosion					Х					
Burrows			Х							
Other					Х					
STRUCTURAL										
Differential Settling				Х						
Cracks or Slides					Х					
Seepage					Х					
Other				Х						
STRUCTURES										
Principal Spillway										
Clogged Orifice					Х					
Clogged or Damaged	l Culvert				Х					
Damaged Headgate					Х					
Emergency Spillway		-								
Erosion					Х					
Riprap					Х					
	Clogged or Damaged Culvert			Х						
Other					Х					
MAINTENACE										
Maintenance Required				X						
Maintenance Performed					Х					
Additional Comments					Х					

Embankment Crest: 6,872 Feet

Weir: 6866.3 Feet

Mining Area	Foidel Creek Mine	Facility Configu	ration	Em	bankment Pond						
Date Inspected	9/12/2023	Date Last Insp	pected		6/9/2023						
Impoundment	Pond C	Pond Lo	cation	SW/4 N	NE/4 Sec.31 T5N R86W	Oua	rterly Impoundment Inspection Form				
NPDES ID No	CO0027154	Site Lo	cation 10 mi. NW of Oak Creek, CO		Ľ						
Owner's Rep	Miranda Kawcak	Ins	pector		M.Kawcak						
^ <b>·</b> ·		•		or Write	e in Appropriate Respo	nse:					
	FEATURE				PROBLEM		COMMENTS				
			YES (Abo	ove)	NO (Below)						
GENERAL											
Water Level (above or be	low principal spillwa	ay)			Х		Mostly Dry				
Outflow (gpm)					Х		0 GPM				
EROSION											
Rills & Gullies on Embar	nkment				Х						
Wave Erosion					Х						
Spillway Erosion					Х						
Burrows					Х						
Other					Х						
STRUCTURAL											
Differential Settling					Х						
Cracks or Slides			Х Х								
Seepage			X								
Other			Х								
STRUCTURES											
Principal Spillway		I				1					
Clogged Orifice					Х						
Clogged or Damaged	Culvert				Х						
Damaged Headgate					Х						
Emergency Spillway		I									
Erosion					Х						
	Riprap			х Х							
	Clogged or Damaged Culvert				Х						
Other					Х						
MAINTENACE											
Maintenance Required				X							
Maintenance Performed					<u> </u>						
Additional Comments		Lowest Hole: 6862.2			Х						

Riser Crest: 6864.4 Feet

Lowest Hole: 6862.3 Feet

Mining Area	Foidel Creek Mine	<b>Facility Configuration</b>	Emba	nkment Pond						
Date Inspected	9/12/2023	Date Last Inspected	(	6/9/2023						
Impoundment	Pond D	Pond Location	SW/4 NW	/4 Sec.32 T5N R86W	Oua	rterly Impoundment Inspection Form				
NPDES ID No	CO0027154	Site Location	10 mi. NW of Oak Creek, CO		<b>Z</b>					
Owner's Rep	Miranda Kawcak	Inspector		v.Kawcak						
		• •	Response	•						
FEATURE PROBLEM COMMENTS										
		YES (Ab	oove)	NO (Below	v)					
GENERAL										
Water Level (above or	below principal spillw	ay) X								
Outflow (gpm)		Х				25 gpm				
EROSION										
Rills & Gullies on Emb	oankment			Х						
Wave Erosion				Х						
Spillway Erosion				Х						
Burrows				х						
Other			Х							
STRUCTURAL										
Differential Settling			Х							
Cracks or Slides			Х							
Seepage			Х Х							
Other			Х							
STRUCTURES										
Principal Spillway				r						
Clogged Orifice			X							
Clogged or Damage				Х						
Damaged Headgate				Х						
Emergency Spillway										
Erosion				Х						
Riprap				x						
	Clogged or Damaged Culvert			X						
Other				Х						
MAINTENACE										
Maintenance Required				x						
Maintenance Performe	d			X						
Additional Comments		Lowest Hole: 68/6 5 Eest		Х						

Riser Crest: 6849.9 Feet

Lowest Hole: 6846.5 Feet

Mining Area	Foidel Creek Mine	<b>Facility Configuration</b>	Recessed, Do	uble Cell					
Date Inspected	9/12/2023	Date Last Inspected	6/9/202	23					
Impoundment	Pond E	Pond Location	SW/4 NW/4 Sec.3		Oua	rterly Impoundment Inspection Form			
NPDES ID No	CO0027154	Site Location	10 mi. NW of Oa		Zuu				
Owner's Rep	Miranda Kawcak	Inspector	M.Kawcak						
		<b>.</b>	rk or Write in A		Response:				
	FEATURE		PROBLEM		<b>I</b>	COMMENTS			
		YES	(Above)	NO (Be	elow)				
GENERAL			<u>·</u> ·	i					
Water Level (above or	below principal spillw	ay)		Х		On & Off Discharge			
	Outflow (gpm)			Х		0 GPM			
EROSION		•							
Rills & Gullies on Emb	ankment			Х					
Wave Erosion				Х					
Spillway Erosion				Х					
Burrows			Х			Rodent holes filled			
Other				Х					
STRUCTURAL									
Differential Settling									
Cracks or Slides									
Seepage			Х						
Other				Х					
STRUCTURES									
Principal Spillway									
Clogged Orifice				Х					
Clogged or Damage	d Culvert			Х					
Damaged Headgate				Х					
Emergency Spillway									
Erosion				Х					
Riprap				Х					
	Clogged or Damaged Culvert		X						
Other				Х					
MAINTENACE									
Maintenance Required			X			Rusted wier, downstream channel needs cleared of sediment			
Maintenance Performed	d			X		4			
Additional Comments		Lowest Hole: 6840 6 Feet		Х					

Riser Crest: 6843.4 Feet

Lowest Hole: 6840.6 Feet

Mining Area	Foidel Creek Mine	<b>Facility Configuration</b>	Embankment	Pond		
<b>Date Inspected</b>	9/12/2023	Date Last Inspected	6/9/202	3		
Impoundment	Pond F	Pond Location	SW/4 SE/4 Sec.29	T5N R86W	Oua	rterly Impoundment Inspection Form
NPDES ID No	CO0027154	Site Location	10 mi. NW of Oak	Creek, CO		
Owner's Rep	Miranda Kawcak	Inspector	M.Kawca	ık		
<u> </u>		•	k or Write in App	oropriate F	Response:	
	FEATURE		PROBLE		•	COMMENTS
		Y	ES (Above)	NO (I	Below)	
GENERAL						
Water Level (above or	below principal spillw	ay)		)	X	Pond level very low
Outflow (gpm)			)	X	0 gpm	
EROSION						
Rills & Gullies on Emb	oankment				X	
Wave Erosion					X	
Spillway Erosion					X	
Burrows					X	
Other				)	X	
STRUCTURAL				T		
Differential Settling					X	
Cracks or Slides					X	
Seepage			Х			
Other			Х			
STRUCTURES						
Principal Spillway				1		
Clogged Orifice					X	
Clogged or Damage					X	
Damaged Headgate				)	X	
Emergency Spillway				I		
Erosion					x	4
	Riprap				x	4
	Clogged or Damaged Culvert				X	4
Other					x	
MAINTENACE				Г.,		
Maintenance Required					X	4
Maintenance Performe	u				X	4
Additional Comments		Dewatering Hole: 6823 Feet		)	X	

Riser Crest: 6827 Feet

Dewatering Hole: 6823 Feet

Date Inspected Inspondiment NPDES ID/ Owner's Rep     9/12/2023 Fond Location Site Location	Mining Area	Foidel Creek Mine	<b>Facility Configuration</b>	Embankmen	t Pond						
Impoundment NPDES ID No     Pond 6 CO0027154 (Inspector Insp	-		• •								
NPD of Owner's RepCO0027154Site Location Inspector10 mi. NW of Oak Creek, COOwner's RepMiranda KawcakM.KawcakFEATUREPROBLEXCOMMENTSGENERALVES (Above)NO (Below)GENERALXO GPMOutflow (gon)X0 GPMROBUSIONX0 GPMROBUSIONX0 GPMSpillway ErosionX0 GPMSpillway ErosionXXSpillway ErosionXXSpillway ErosionXXStreegeXXOtherXXStreegeXXOtherXXStreegeXXCracks or SildesXXSeepageXXChaged OrificeXXCloged orificeXXErosionXXStreege or SillwayXXCloged orificeXXCloged orificeXXErosionXXStreege or SillwayXXCloged or Damaged CulvertXXErosionXXRiprapXXCloged or Damaged CulvertXChaged or Damaged FormedXMaintenance RequiredXMaintenance RequiredXMaintenance RequiredX	-					Oua	rterly Imnoundment Inspection Form				
Owner's Rep     Miranda Kawcak     Inspector     M.Kawcak       Vark or Write in Appropriate Response:       FEATURE     PROBLEM     COMMENTS       GENERAL     VES (Above)     NO (Below)     COMMENTS       GENERAL     X     Pond almost dry       Outflow (gpn)     X     0 GPM       BROSION     X     0 GPM       Rils & Cullies on Embankment     X     0 GPM       Wave Erosion     X     0 GPM       Spillway Erosion     X     0       Burrows     X     0       StRUCTURAL     X     0       Differential Settling     X     X       Cracks or Slides     X     0       StRUCTURAL     X     0       StRUCTURAL     X     0       Cracks or Slides     X     0       Sepage     X     0       Other     X     0       Structures     X     0       Fricipal Spillway     X     0       Clogged or Damaged Culvert     X     0<							rterry impoundment inspection rorm				
Mark or Write in Appropriate Response:       FEATURE     COMMENTS       GENERAL     COMMENTS       GENERAL       Water Level (above or below principal spillway)     X     POR almost dry       Outflow (gm)     X     POR almost dry       O GPM       REOSION       Katues on Embankment     X     O GPM       BIO SCON       STRUCTURAL       Differential Settling     X       Crack or Slides     X       Sepage     X       Other     X       Other     X       Other     X       Crack or Slides     X       Crack or Slides     X       Crack or Slides     X       Crack or Slides     X       Crack or Slides <th clo<="" colspan="2" td=""><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td></th>	<td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td>						-				
FEATURE     PROBLEM     COMMENTS       GENERAL     YES (Above)     NO (Below)     Odd (Below)       GENERAL     X     Pond almost dry     0 GPM       Outflow (gpm)     X     0 GPM     O GPM       Bourstown of the constraint of the	Owner skep			1		Resnanse					
YES (Above)     NO (Below)       GENERAL		FEATURE	1416			Responses					
GENERAL X Pond almost dry   Water Level (above or below principal spillway) X Pond almost dry   Outflow (gmm) X 0 GPM   EROSION X Wave Erosion   Wave Erosion X Wave Erosion   Spillway Erosion X Wave Erosion   Burrows X Wave Erosion   Other X Wave Erosion   STRUCTURAL X Wave Erosion   Differential Settling X X   Cracks or Slides X Wave Erosion   Stepage X Wave Erosion   Differential Settling X X   Cloged or Damaged Culvert X Mave Erosion   Damaged Headgate X X   Ernergency Spillway X K   Erosion X X   Ologed or Damaged Culvert X K   Damaged Headgate X K   Clogged or Damaged Culvert X K   Other X K   Maintenance Required X K			YE			elow)					
Water Level (above or below principal spillway) X Pond almost dry   Outflow (gpm) X 0 GPM   EROSION X 0 GPM   Wave Torsion X Stresson   Spillway Erosion X Stresson   Other X Stresson   STRUCTURAL X Stresson   Differential Settling X Stresson   Cracks or Slides X Stresson   Stresson X Stresson   Stresson X Stresson   Cracks or Slides X Stresson   Stresson X Stresson   Stresson X Stresson   Stresson X Stresson   Stresson X Stresson   Clogged or Damaged Culvert X Stresson   Damaged Readgate X Stresson   Erosion X X   Riprap X Stresson   Clogged or Damaged Culvert X X   Stresson X X   Stresson X Stresson   Riprap X X   Clogged or Damaged Culvert X   Stresson X   Stresson X	GENERAL			· · ·	、	,	· · · · · · · · · · · · · · · · · · ·				
Outlow (gm)     X     O GPM       EROSION     EROSION     EROSION     EROSION     EROSION     EROSION     Status on Embankment     X     Mail Califier (Constraint)     EROSION		below principal spillw	ay)		Х		Pond almost dry				
EROSION X   Rills & Gullies on Embankment X   Wave Erosion X   Burrows X   Burrows X   Other X   STRUCTURAL X   Differential Settling X   Cracks or Slides X   Seepage X   Other X   STRUCTURES X   Principal Spillway X   Clogged Orifice X   Clogged Orifice X   Clogged Orifice X   Erosion X   Burgency Spillway X   Erosion X   Riprap X   Clogged or Damaged Culvert X   Damaged Fleadgate X   Erosion X   Riprap X   Clogged or Damaged Culvert X   Other X   Maintenance Required X   Maintenance Performed X							· · · · · · · · · · · · · · · · · · ·				
Kills & Gullies on Embankment     X       Wave Erosion     X       Spillway Erosion     X       Spillway Erosion     X       Other     X       Other     X       StructUrURAL     X       Cracks or Slides     X       Seepage     X       Other     X       StructUrURS     X       Principal Spillway     X       Clogged Orifice     X       Damaged Fladgate     X       Emergency Spillway     X       Energency Spillway     X       Clogged or Damaged Culvert     X       Energency Spillway     X       Clogged or Damaged Culvert     X       Othe	EROSION										
Wave Erosion     X       Spillway Erosion     X       Burrows     X       Burrows     X       Other     X       STRUCTURAL     X       Streaction     X       Other     X       Streaction     X       Streaction     X       Streaction     X       Streaction     X       Other     X       Streaction     X       Clogged or Damaged Culvert     X       Damaged Headgate     X       Emergency Spillway     X       Clogged or Damaged Culvert     X       Streaction     X       Clogged or Damaged Culvert     X       Other     X <td< td=""><td></td><td>oankment</td><td></td><td></td><td>X</td><td></td><td></td></td<>		oankment			X						
Burrows     X       Other     X       STRUCTURAL     X       Striggest Setting     X       Cracks or Slides     X       Seepage     X       Other     X       StructureA     X       Seepage     X       Other     X       StructureA     X       Clogged Orifice     X       Clogged or Damaged Culvert     X       Damaged Headgate     X       Ernergency Spillway     X       Clogged or Damaged Culvert     X       Clogged or Damaged Culvert     X       Other     X       Maintenance Required     X	Wave Erosion				Х						
Burrows     X       Other     X       STRUCTURAL     X       Striggest Setting     X       Cracks or Slides     X       Seepage     X       Other     X       StructureA     X       Seepage     X       Other     X       StructureA     X       Clogged Orifice     X       Clogged or Damaged Culvert     X       Damaged Headgate     X       Ernergency Spillway     X       Clogged or Damaged Culvert     X       Clogged or Damaged Culvert     X       Other     X       Maintenance Required     X	Spillway Erosion				Х						
STRUCTURAL     Differential Settling     Cracks or Slides     Scepage     X     Scepage     X     Other     X     STRUCTURES     Principal Spillway     Clogged Orifice     X     Clogged or Damaged Culvert     Damaged Headgate     Emergency Spillway     Emergency Spillway     Clogged or Damaged Culvert     X     Difference     X     Clogged or Damaged Culvert     X     Difference     X     Clogged or Damaged Culvert     X     Miprap     Clogged or Damaged Culvert     X     Mintenance Required     Maintenance Required     Maintenance Performed	Burrows				Х						
Differential SettlingXCracks or SlidesXSeepageXOtherXOtherXSTRUCTURESPrincipal SpillwayClogged OrlificeXClogged or Damaged CulvertXDamaged HeadgateXEmergency SpillwayXEffrapXClogged or Damaged CulvertXDamaged HeadgateXMiprapXClogged or Damaged CulvertXMaintenance RequiredXMaintenance PerformedX	Other				Х						
Cracks or Slides   X     Seepage   X     Other   X     Other   X     STRUCTURES   X     Principal Spillway   X     Clogged Orifice   X     Clogged or Damaged Culvert   X     Damaged Headgate   X     Emergency Spillway   X     Erosion   X     Riprap   X     Clogged or Damaged Culvert   X     Other   X     Maintenance Required   X     Maintenance Performed   X	STRUCTURAL										
Seepage   X     Other   X     Other   X     STRUCTURES   X     Principal Spillway   X     Clogged Orifice   X     Clogged or Damaged Culvert   X     Damaged Headgate   X     Emergency Spillway   X     Errosion   X     Riprap   X     Clogged or Damaged Culvert   X     Other   X     Other   X     Maintenance Required   X     Maintenance Performed   X	Differential Settling			Х							
Other X   STRUCTURES   Principal Spillway   Clogged Orifice X   Clogged or Damaged Culvert X   Damaged Headgate X   Emergency Spillway   Errosion X   Riprap X   Other X   Other X   Maintenance Required X   Maintenance Performed X	Cracks or Slides			×							
STRUCTURES     Principal Spillway     Clogged Orifice   X     Clogged or Damaged Culvert   X     Damaged Headgate   X     Emergency Spillway   X     Erosion   X     Riprap   X     Clogged or Damaged Culvert   X     Other   X     MAINTENACE   X     Maintenance Required   X     Maintenance Performed   X	Seepage				Х						
Principal Spillway     Clogged Orifice   X     Clogged or Damaged Culvert   X     Damaged Headgate   X     Emergency Spillway   X     Erosion   X     Riprap   X     Clogged or Damaged Culvert   X     Other   X     MAINTENACE   X     Maintenance Required   X     Maintenance Performed   X	Other				Х						
Clogged OrificeXClogged or Damaged CulvertXDamaged HeadgateXDamaged HeadgateXEmergency SpillwayXErosionXRiprapXClogged or Damaged CulvertXOtherXOtherXMaintenance RequiredXMaintenance PerformedXMaintenance PerformedX											
Clogged or Damaged Culvert   X     Damaged Headgate   X     Emergency Spillway   X     Erosion   X     Riprap   X     Clogged or Damaged Culvert   X     Other   X     MAINTENACE   X     Maintenance Required   X     Maintenance Performed   X	Principal Spillway										
Damaged HeadgateXEmergency SpillwayXErosionXRiprapXClogged or Damaged CulvertXOtherXMAINTENACEMaintenance RequiredXMaintenance PerformedX	66										
Emergency Spillway     Erosion   X     Riprap   X     Clogged or Damaged Culvert   X     Other   X     MAINTENACE   X     Maintenance Required   X     Maintenance Performed   X											
Erosion X   Riprap X   Clogged or Damaged Culvert X   Other X   Other X   MAINTENACE X   Maintenance Required X   Maintenance Performed X					Х						
RiprapXClogged or Damaged CulvertXOtherXOtherXMAINTENACEXMaintenance RequiredXMaintenance PerformedX			1								
Clogged or Damaged Culvert X   Other X   MAINTENACE   Maintenance Required X   Maintenance Performed X											
Other X   MAINTENACE   Maintenance Required X   Maintenance Performed X	1 1										
MAINTENACE   Maintenance Required X   Maintenance Performed X		d Culvert									
Maintenance RequiredXMaintenance PerformedX	Other				Х						
Maintenance Performed X											
Additional Comments X		d									
Picer Creat: 6833-24 East	Additional Comments				Х						

Riser Crest: 6833.24 Feet

Lowest Hole: 6830.34 Feet

Mining Area	Foidel Creek Mine	<b>Facility Configuration</b>	Embankment	Pond		
Date Inspected	9/12/2023	Date Last Inspected	6/9/2023	3		
Impoundment	Pond T	Pond Location	NW/4 SW/4 Sec.31 1	T5N R86W	Qua	rterly Impoundment Inspection Form
NPDES ID No	CO0027154	Site Location	10 mi. NW of Oak	Creek, CO		
<b>Owner's Rep</b>	Miranda Kawcak	Inspector	M.Kawcal			
		Ma	rk or Write in Ap	propriate	Response	
	FEATURE		PROBLEM			COMMENTS
		YE	S (Above)	NO (B	elow)	
GENERAL						
Water Level (above or	below principal spillw	ay)		Х	[	
Outflow (gpm)				Х		Dry
EROSION						
Rills & Gullies on Emb	oankment			Х		
Wave Erosion				Х		
Spillway Erosion				Х	[	
Burrows				Х		
Other				Х	[	
STRUCTURAL						
Differential Settling						
Cracks or Slides						
Seepage						
Other			Х			
STRUCTURES						
Principal Spillway						
Clogged Orifice				Х		
Clogged or Damage				X		
Damaged Headgate				Х		
Emergency Spillway						
Erosion				Х		
Riprap				Х		
Clogged or Damage	d Culvert			Х		
Other				Х		
MAINTENACE						
Maintenance Required				X		
Maintenance Performe	d			X		
Additional Comments				Х		

Riser Crest: 6907.9 Feet

Lowest Hole: 6904.9 Feet

Mining Area Date Inspected Impoundment NPDES ID No Owner's Rep	Foidel Creek Mine 9/12/2023 Pit Pond N/A Miranda Kawcak FEATURE	Facility Co Date Last Pond L Site Lo Inspo	Inspected ocation ocation ector	Recessed Highwall Pit 6/9/2023 SW/4 NW/4 Sec.32 T5N R86W 10 mi. NW of Oak Creek, CO M.Kawcak Irk or Write in Appropriate R PROBLEM			rterly Impoundment Inspection Form
			YE	S (Above)	NO (B	elow)	
GENERAL				-			
Water Level (above or Outflow (gpm)	below principal spillw	ay)	X X				Dewatering Pumps Off 0 gpm
EROSION							
Rills & Gullies on Embankment Wave Erosion Spillway Erosion Burrows Other					x x x x x		
STRUCTURAL	rows er				^	•	
STRUCTURAL Differential Settling Cracks or Slides Seepage Other					x x x x		
STRUCTURES							
Principal Spillway							
Clogged Orifice Clogged or Damage Damaged Headgate					x x x		
Emergency Spillway							
Damaged Headgate mergency Spillway Erosion Riprap Clogged or Damaged Culvert ther					X X X X		
MAINTENACE							
Maintenance Required Maintenance Performe Additional Comments					x x x		

Riser Crest: 6854.11 Feet

Bottom of Dewatering Culvert: 6851.47 Feet

Mining Area	Foidel Creek Mine	<b>Facility Configuration</b>	Embankment F	ond				
Date Inspected	9/12/2023	Date Last Inspected	6/9/2023					
Impoundment	Fish Creek Tipple Pond	<b>Pond Location</b>	SE/4 NE/4 Sec.02 T5	5N R86W	Qua	rterly Impoundment Inspection Form		
NPDES ID No	CO0036684	Site Location	10 mi. NW of Oak (	Creek, CO		J I I		
<b>Owner's Rep</b>	Miranda Kawcak	Inspector	M.Kawcak					
		Μ	ark or Write in Ap	propriate I	Response:			
	FEATURE		PROBLEM			COMMENTS		
		Y	ES (Above)	NO (B	elow)	]		
GENERAL								
Water Level (above or	below principal spillw	ay)	Х					
Outflow (gpm)			Х			3.5 gpm		
EROSION								
Rills & Gullies on Em	bankment			Х				
Wave Erosion				Х				
Spillway Erosion				Х				
Burrows					<u> </u>			
Other				Х				
STRUCTURAL				-				
Differential Settling				Х				
Cracks or Slides								
Seepage								
Other				Х				
STRUCTURES								
Principal Spillway				1		1		
Clogged Orifice				Х				
Clogged or Damage				Х		4		
Damaged Headgate				Х				
Emergency Spillway						1		
Erosion				Х		4		
Riprap				Х		4		
Clogged or Damage	ed Culvert					4		
Other				Х		l		
MAINTENACE				-				
Maintenance Required						Discharge culvert is functional but rusting out. Scheduled for repair		
Maintenance Performe	ed			Х		Fall 2024		
Additional Comments				Х				

Top of Rise Riser Crest: 55.0 Feet

Dewatering Hole: 51.8 Feet

Mining Area Foidel Creek Mine F	acility Configuration	Embank	ment Pond								
Date Inspected 9/12/2023	Date Last Inspected	6/9	)/2023								
Impoundment Site 115 FCBH Ponds	Pond Location	SE/4 NE/4 Se	ec.02 T5N R86W	Oua	rterly I	mpoundr	nent Inspection Form				
NPDES ID No CO0042161	Site Location	10 mi. NW o	f Oak Creek, CO		J	I I I I	<b>I</b>				
Owner's Rep Miranda Kawcak	Inspector	M.k	awcak								
	Ì	Mark or Wr	ite in Appropri	ate Respon	se:						
FEATURE											
	YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)					
GENERAL	CEL	L #1	<u>CELL</u>	#2	<u>CEI</u>	L #3					
Water Level (above or below principal spillw	/ay)	Х		Х		Х					
Outflow (gpm)		0 GPM		0 GPM		0 GPM					
EROSION			-								
Rills & Gullies on Embankment		Х		Х		Х					
Wave Erosion		Х		Х		Х					
Spillway Erosion		Х		Х		Х					
Burrows		Х		Х		Х					
Other		Х		Х		Х					
STRUCTURAL			-		•						
Differential Settling		Х		Х		Х					
Cracks or Slides		Х		Х		Х					
Seepage		Х		Х		Х					
Other		Х		Х		Х					
STRUCTURES											
Principal Spillway											
Clogged Orifice		Х		Х		X					
Clogged or Damaged Culvert		Х		Х		X					
Damaged Headgate		Х		Х		Х					
Emergency Spillway					1						
Erosion		Х		Х		X					
Riprap		Х		Х		X					
Clogged or Damaged Culvert		Х		Х		X					
Other		Х		Х		Х					
MAINTENACE											
Maintenance Required		Х		X		X	No Input, no discharge				
Maintenance Performed		Х		Х		Х					
Additional Comments	Х		Х		Х						

Discharge Flume: 6783 Feet

Mining Area Foidel Creek Mine Facilit	y Configuration	En	Embankment Pond			Quarterly Impoundment Inspection Form				
-	e Last Inspected		6/9/2023		] ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		r <sup>sunument</sup> I	speed		
Impoundment Waste Water Ponds	Pond Location		SE/4 Sec.29 T5	N R86W	1					
NPDES ID No CO0042161	Site Location	10 mi.	NW of Oak C	reek, CO	1					
Owner's Rep Miranda Kawcak	Inspector		M.Kawcak	,	1					
FEATURE			Vrite in App	PROB					COMMENTS	
	YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above) NO (I	Below)		
GENERAL	CEL	L #1	<u>CEI</u>	LL #2	CEL	L #3	POLISHING PC	DND		
Water Level (above or below principal spillway)	Х		Х			Х		Х	4.9	
Outflow (gpm)	0 GPM		0 GPM			0 GPM	0 G	6PM	4.8 gpm Input	
EROSION				-						
Rills & Gullies on Embankment		Х		Х		Х		Х		
Wave Erosion		Х		Х		Х		Х		
Spillway Erosion		Х		Х		Х		Х		
Burrows		Х		Х		Х		Х		
Other		Х		Х		Х		Х		
STRUCTURAL			_							
Differential Settling		Х		Х		Х		Х		
Cracks or Slides		Х		Х		Х		Х		
Seepage		Х		Х		Х		Х		
Other		Х		Х		Х		Х		
STRUCTURES										
Principal Spillway			•	•						
Clogged Orifice		Х		Х		Х		Х		
Clogged or Damaged Culvert		Х		Х		Х		Х		
Damaged Headgate		Х		Х		Х		Х		
Emergency Spillway		1					1			
Erosion		Х		Х		Х		Х		
Riprap		Х		Х		Х		Х		
Clogged or Damaged Culvert		Х		Х		Х		Х		
Other		Х		Х		Х		Х		
MAINTENACE							T T			
Maintenance Required		Х		Х		Х		Х		
Maintenance Performed		Х		Х		Х		Х		
Additional Comments		Х		Х		Х		Х		
POND#1	POND#2				POND#3		Pottom: 6912 5			

Berm Crest: 6871.5; Pond Bottom: 6861.5

Berm Crest: 6858.5; Pond Bottom: 6848.5

Berm Crest: 6852.5; Pond Bottom: 6842.5

Mining Area	Foidel Creek Mine	Facility Configuration		Embankment Pond							
Date Inspected	9/12/2023	Date Last Inspected		6/9/2023							
Impoundment	6MN Sediment Pond	Pond I	Location	SE/4 NW/4 Sec.17 T5N R86W		Qua	arterly Impoundment Inspection Form				
NPDES ID No	COG850051	Site L	Site Location		10 mi. NW of Oak Creek, CO						
Owner's Rep	Miranda Kawcak	Inspector		M.Kawcak							
		• • • •		k or Write in Appropriate Response:							
	FEATURE		PROBLEM			•	COMMENTS				
			YES (Above) NO (Below			v)					
GENERAL											
Water Level (above or	below principal spillwa	ay)			Х						
Outflow (gpm)					Х						
EROSION											
Rills & Gullies on Emb	oankment				Х						
Wave Erosion					Х						
Spillway Erosion					Х						
Burrows				Х							
Other			Х								
STRUCTURAL											
Differential Settling					Х						
Cracks or Slides					Х						
Seepage				Х							
Other					Х						
STRUCTURES											
Principal Spillway											
Clogged Orifice		_			Х						
Clogged or Damage		L			Х						
Damaged Headgate			X								
Emergency Spillway											
Erosion		L			Х						
Riprap		_			Х						
Clogged or Damage	d Culvert	_			Х						
Other					Х						
MAINTENACE											
Maintenance Required		Ļ			Х						
Maintenance Performed		Ļ			Х						
Additional Comments					Х						

Mining Area	Foidel Creek Mine	<b>Facility</b> Co	nfiguration	Embankment Pond		nd	Quarterly Impoundment Inspection Form			
<b>Date Inspected</b>	9/12/2023	Date Last	Date Last Inspected		6/9/2023					
Impoundment	18Left Sediment Ponds	Pond L	Pond Location		SW/4 Sec.23 T51	N R87W				
NPDES ID No	COG850054	Site Lo	ocation	10 mi. NW of Oak Creek, CO		eek, CO				
<b>Owner's Rep</b>	Miranda Kawcak	Insp	Inspector		M.Kawcak					
Mark or Write in Appropriate Response:										
FEATURE					BLEM	-	COMMENTS			
YES (Above)					YES (Above)	NO (Below)				
GENERAL <u>UPPER POND</u> <u>LOWER POND</u>										
Water Level (above or	below principal spillway	y)		Х		Х	Deth Det			
Outflow (gpm)				Х		Х	Both Dry			
EROSION										
Rills & Gullies on Emb	oankment			Х		Х				
Wave Erosion				Х		Х				
Spillway Erosion				Х		Х				
Burrows				Х		Х				
Other				Х		Х				
STRUCTURAL										
Differential Settling				Х		Х				
Cracks or Slides				Х		Х				
Seepage				Х		Х				
Other				Х		Х				
STRUCTURES										
Principal Spillway										
Clogged Orifice				Х		Х				
Clogged or Damage				Х		Х				
Damaged Headgate				Х		Х				
Emergency Spillway										
Erosion				Х		Х				
Riprap		Ļ		Х		Х				
Clogged or Damage	d Culvert			Х		Х				
Other				Х		Х				
MAINTENACE										
Maintenance Required		Ļ		Х		Х				
Maintenance Performe	d	Ļ		Х		Х				
Additional Comments			Х	mont: 69EE	Х					

Upper Pond Riser Outet: 6860.5 Feet

Lower Pond Berm Embankment: 6855.5 Feet

Mining Area	Foidel Creek Mine	<b>Facility Configuration</b>	Rece	ssed Pit								
Date Inspected	9/12/2023	Date Last Inspected	6/9/2023									
Impoundment	Thickener Holding Pond	Pond Location		W/4 NW/4 Sec.32 T5N R86W		rterly Impoundment Inspection Form						
NPDES ID No	N/A	Site Location			Qua	rterry impoundment inspection form						
Owner's Rep	Miranda Kawcak	Inspector	10 mi. NW of Oak Creek, CO M.Kawcak									
Owner's Kep		<u> </u>			Dosponsor							
Mark or Write in Appropriate Response:       FEATURE     PROBLEM     COMMENTS												
	FEATORE	VES (A		NO (Belo		COMIMENTS						
YES (Above) NO (Below)   GENERAL												
Water Level (above or below principal spillway) X Dry												
	below principal spinwa	y)		X		Diy						
Outflow (gpm) X EROSION												
Rills & Gullies on Em	hankment		X									
Wave Erosion	ountillon		X X									
Spillway Erosion				× ×								
Burrows				X								
Other				X								
STRUCTURAL				<u> </u>								
Differential Settling				X								
Cracks or Slides		Х										
Seepage			Х									
Other				X								
STRUCTURES												
Principal Spillway												
Clogged Orifice				Х								
Clogged or Damage	ed Culvert			Х								
Damaged Headgate	e			Х								
Emergency Spillway												
Erosion				Х								
Riprap	Riprap			Х								
Clogged or Damage		Х										
Other			Х									
MAINTENACE												
Maintenance Required				Х								
Maintenance Performe			Х									
Additional Comments			Х									
Top of Riser Pipe = $640$	00 ft (MSL)	Bottom of Headgate = 639	7 ft	Top of Sediment	Storage 63	05 2 ft						

Top of Riser Pipe = 6400 ft. (MSL)

Bottom of Headgate = 6397 ft.

Top of Sediment Storage 6395.3 ft.

Mining Area Foidel Creek Mine	<b>Facility Configuration</b>	Embankment Pond			Quarterly Impoundment Inspection Form								
Date Inspected 9/12/2023	Date Last Inspected	6/9/2023			2	teriy illi	poundine	ne inspec					
Impoundment Wetland Ponds	Pond Location	SW/4 SE/4 Sec.29 T5N R86W											
NPDES ID No CO0042161	Site Location	10 mi. NW of Oak Creek, CO			1								
Owner's Rep Miranda Kawcak	Inspector		M.Kawcak		1								
Mark or Write in Appropriate Response:													
FEATURE			••	PROB		COMMENTS							
	YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)					
GENERAL	CEL	L #1	<u>CELL #2</u>		<u>CELL #3</u> <u>CELL #4</u>								
Water Level (above or below principal spi	illway) X		Х		Х		Х						
Outflow (gpm)	Х		Х		Х		Х						
EROSION													
Rills & Gullies on Embankment		Х		Х		Х		Х					
Wave Erosion		Х		Х		Х		Х					
Spillway Erosion		Х		Х		Х		Х					
Burrows		Х		Х		Х		Х					
Other		Х		Х		Х		Х					
STRUCTURAL					_	-							
Differential Settling		Х		х		Х		Х					
Cracks or Slides		Х		х		Х		Х					
Seepage		Х		х		Х		Х					
Other		Х		Х		Х		Х					
STRUCTURES													
Principal Spillway		T	1	T	T	1	1						
Clogged Orifice		Х		Х		Х		Х					
Clogged or Damaged Culvert		Х		Х		Х		Х					
Damaged Headgate		Х		Х		Х		Х					
Emergency Spillway													
Erosion		Х		Х		Х	ļ	X					
Riprap		Х		Х		Х	ļ	Х					
Clogged or Damaged Culvert		Х		Х		Х		Х					
Other		Х		Х		Х		Х					
MAINTENACE													
Maintenance Required		X		X		X		X					
Maintenance Performed		X		X		X		X					
Additional Comments		Х		Х		Х		Х					