

Mining Area		Facility Configuration		Quarterly Impoundment Inspection Form
Date Inspected	Foidel Creek Mine	Date Last Inspected	Embankment	
Impoundment	3/14/2022	Pond Location	11/18/2021	
NPDES ID No	Pond A	Site Location	SW/4 NW/4 Sec.32 T5N R86W	
Owner's Rep	N/A	Inspector	10 mi. NW of Oak Creek, CO	
Miranda Kawcak				REC MSB
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (above or below principal spillway)				
Outflow (gpm)	.08			
EROSION				
Rills & Gullies on Embankment				
Wave Erosion				
Spillway Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Settling				
Cracks or Slides				
Seepage				
Other				
STRUCTURES				
Principal Spillway				
Clogged Orifice				
Clogged or Damaged Culvert				
Damaged Headgate				
Emergency Spillway				
Erosion				
Riprap				
Clogged or Damaged Culvert				
Other				
MAINTENANCE				
Maintenance Required				
Maintenance Performed				
Additional Comments				

Riser Crest: 6937.3 Feet

Lowest Hole: 6933.5 Feet

Mining Area	Foidel Creek Mine	Facility Configuration	Recessed, Double Cell	Quarterly Impoundment Inspection Form
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021	
Impoundment	Pond B	Pond Location	SW/4 NE/4 Sec.31 T5N R86W	
NPDES ID No	CO0027154	Site Location	10 mi. NW of Oak Creek, CO	
Owner's Rep	Miranda Kawcak	Inspector	KEC/MSH	

Mark or Write in Appropriate Response:			COMMENTS
FEATURE	PROBLEM		
	YES (Above)	NO (Below)	
GENERAL			
Water Level (above or below principal spillway)			
Outflow (gpm)	.39'		
EROSION			
Rills & Gullies on Embankment		✓	
Wave Erosion		✓	
Spillway Erosion		✓	
Burrows		✓	
Other		✓	
STRUCTURAL			
Differential Settling		✓	
Cracks or Slides		✓	
Seepage		✓	
Other		✓	
STRUCTURES			
Principal Spillway			
Clogged Orifice		✓	
Clogged or Damaged Culvert		✓	
Damaged Headgate		✓	
Emergency Spillway			
Erosion		✓	
Riprap		✓	
Clogged or Damaged Culvert		✓	
Other		✓	
MAINTENACE			
Maintenance Required		✓	
Maintenance Performed		✓	
Additional Comments		✓	

Embankment Crest: 6,872 Feet

Weir: 6866.3 Feet

Mining Area	Foidel Creek Mine	Facility Configuration	Embankment Pond	Quarterly Impoundment Inspection Form
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021	
Impoundment	Pond C	Pond Location	SW/4 NE/4 Sec.31 T5N R86W	
NPDES ID No	CO0027154	Site Location	10 mi. NW of Oak Creek, CO	
Owner's Rep	Miranda Kawcak	Inspector	KEC MSH	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (above or below principal spillway)		✓		
Outflow (gpm)		✓		
EROSION				
Rills & Gullies on Embankment		✓		
Wave Erosion		✓		
Spillway Erosion		✓		
Burrows		✓		
Other		✓		
STRUCTURAL				
Differential Settling		✓		
Cracks or Slides		✓		
Seepage		✓		
Other		✓		
STRUCTURES				
Principal Spillway				
Clogged Orifice		✓		
Clogged or Damaged Culvert		✓		
Damaged Headgate		✓		
Emergency Spillway				
Erosion		✓		
Riprap		✓		
Clogged or Damaged Culvert		✓		
Other		✓		
MAINTENANCE				
Maintenance Required		✓		
Maintenance Performed		✓		
Additional Comments		✓		

Riser Crest: 6864.4 Feet

Lowest Hole: 6862.3 Feet

Mining Area	Foidel Creek Mine	Facility Configuration	Embankment Pond	Quarterly Impoundment Inspection Form
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021	
Impoundment	Pond D	Pond Location	SW/4 NW/4 Sec.32 T5N R86W	
NPDES ID No	CO0027154	Site Location	10 mi. NW of Oak Creek, CO	
Owner's Rep	Miranda Kawcak	Inspector	KEC / MSH	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (above or below principal spillway)	✓			
Outflow (gpm)	0.44'			
EROSION				
Rills & Gullies on Embankment		✓		
Wave Erosion		✓		
Spillway Erosion		✓		
Burrows		✓		
Other		✓		
STRUCTURAL				
Differential Settling		✓		
Cracks or Slides		✓		
Seepage		✓		
Other		✓		
STRUCTURES				
Principal Spillway				
Clogged Orifice		✓		
Clogged or Damaged Culvert		✓		
Damaged Headgate		✓		
Emergency Spillway				
Erosion		✓		
Riprap		✓		
Clogged or Damaged Culvert		✓		
Other		✓		
MAINTENACE				
Maintenance Required		✓		
Maintenance Performed		✓		
Additional Comments		✓		

Riser Crest: 6849.9 Feet

Lowest Hole: 6846.5 Feet

Mining Area	Foidel Creek Mine	Facility Configuration	Recessed, Double Cell	Quarterly Impoundment Inspection Form
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021	
Impoundment	Pond E	Pond Location	SW/4 NW/4 Sec.32 T5N R86W	
NPDES ID No	CO0027154	Site Location	10 mi. NW of Oak Creek, CO	
Owner's Rep	Miranda Kawcak	Inspector	KEC/MST	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (above or below principal spillway)				
Outflow (gpm)				
EROSION				
Rills & Gullies on Embankment				
Wave Erosion				
Spillway Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Settling				
Cracks or Slides				
Seepage				
Other				
STRUCTURES				
Principal Spillway				
Clogged Orifice				
Clogged or Damaged Culvert				
Damaged Headgate				
Emergency Spillway				
Erosion				
Riprap				
Clogged or Damaged Culvert				
Other				
MAINTENANCE				
Maintenance Required				
Maintenance Performed				
Additional Comments				

Riser Crest: 6843.4 Feet

Lowest Hole: 6840.6 Feet

Mining Area	Foidel Creek Mine	Facility Configuration	Embankment Pond	Quarterly Impoundment Inspection Form
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021	
Impoundment	Pond F	Pond Location	SW/4 SE/4 Sec.29 T5N R86W	
NPDES ID No	CO0027154	Site Location	10 mi. NW of Oak Creek, CO	
Owner's Rep	Miranda Kawcak	Inspector	KTC MSB	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (above or below principal spillway)		✓	Dry	
Outflow (gpm)				
EROSION				
Rills & Gullies on Embankment		✓		
Wave Erosion		✓		
Spillway Erosion		✓		
Burrows		✓		
Other		✓		
STRUCTURAL				
Differential Settling		✓		
Cracks or Slides		✓		
Seepage		✓		
Other		✓		
STRUCTURES				
Principal Spillway				
Clogged Orifice		✓		
Clogged or Damaged Culvert		✓		
Damaged Headgate		✓		
Emergency Spillway				
Erosion		✓		
Riprap		✓		
Clogged or Damaged Culvert		✓		
Other		✓		
MAINTENANCE				
Maintenance Required		✓		
Maintenance Performed		✓		
Additional Comments		✓		

Riser Crest: 6827 Feet

Dewatering Hole: 6823 Feet

Mining Area	Foidel Creek Mine	Facility Configuration	Embankment Pond	Quarterly Impoundment Inspection Form
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021	
Impoundment	Pond G	Pond Location	SW/4 SE/4 Sec.29 T5N R86W	
NPDES ID No	CO0027154	Site Location	10 mi. NW of Oak Creek, CO	
Owner's Rep	Miranda Kawcak	Inspector	KEC med	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (above or below principal spillway)		✓	Dry	
Outflow (gpm)				
EROSION				
Rills & Gullies on Embankment		✓		
Wave Erosion		✓		
Spillway Erosion		✓		
Burrows		✓		
Other		✓		
STRUCTURAL				
Differential Settling		✓		
Cracks or Slides		✓		
Seepage		✓		
Other		✓		
STRUCTURES				
Principal Spillway				
Clogged Orifice		✓		
Clogged or Damaged Culvert		✓		
Damaged Headgate		✓		
Emergency Spillway				
Erosion		✓		
Riprap		✓		
Clogged or Damaged Culvert		✓		
Other		✓		
MAINTENANCE				
Maintenance Required		✓		
Maintenance Performed		✓		
Additional Comments		✓		

Riser Crest: 6833.24 Feet

Lowest Hole: 6830.34 Feet

Mining Area	Foidel Creek Mine	Facility Configuration	Embankment Pond	Quarterly Impoundment Inspection Form
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021	
Impoundment	Pond T	Pond Location	NW/4 SW/4 Sec.31 T5N R86W	
NPDES ID No	CO0027154	Site Location	10 mi. NW of Oak Creek, CO	
Owner's Rep	Miranda Kawcak	Inspector	KFC MSA	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (above or below principal spillway)		✓	Dry	
Outflow (gpm)				
EROSION				
Rills & Gullies on Embankment		✓		
Wave Erosion		✓		
Spillway Erosion		✓		
Burrows		✓		
Other		✓		
STRUCTURAL				
Differential Settling		✓		
Cracks or Slides		✓		
Seepage		✓		
Other		✓		
STRUCTURES				
Principal Spillway				
Clogged Orifice		✓		
Clogged or Damaged Culvert		✓		
Damaged Headgate		✓		
Emergency Spillway				
Erosion		✓		
Riprap		✓		
Clogged or Damaged Culvert		✓		
Other		✓		
MAINTENACE				
Maintenance Required		✓		
Maintenance Performed		✓		
Additional Comments		✓		

Riser Crest: 6907.9 Feet

Lowest Hole: 6904.9 Feet

Mining Area	Foidel Creek Mine	Facility Configuration	Recessed Highwall Pit	Quarterly Impoundment Inspection Form
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021	
Impoundment	Pit Pond	Pond Location	SW/4 NW/4 Sec.32 T5N R86W	
NPDES ID No	N/A	Site Location	10 mi. NW of Oak Creek, CO	
Owner's Rep	Miranda Kawcak	Inspector	KEC MSJH	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (above or below principal spillway)	✓			
Outflow (gpm)	15'			
EROSION				
Rills & Gullies on Embankment		✓		
Wave Erosion		✓		
Spillway Erosion		✓		
Burrows		✓		
Other		✓		
STRUCTURAL				
Differential Settling		✓		
Cracks or Slides		✓		
Seepage		✓		
Other		✓		
STRUCTURES				
Principal Spillway				
Clogged Orifice		✓		
Clogged or Damaged Culvert		✓		
Damaged Headgate		✓		
Emergency Spillway				
Erosion		✓		
Riprap		✓		
Clogged or Damaged Culvert		✓		
Other		✓		
MAINTENANCE				
Maintenance Required		✓		
Maintenance Performed		✓		
Additional Comments		✓		

Riser Crest: 6854.11 Feet

Bottom of Dewatering Culvert: 6851.47 Feet

Mining Area	Foidel Creek Mine	Facility Configuration	Embankment Pond	Quarterly Impoundment Inspection Form
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021	
Impoundment	Fish Creek Tipple Pond	Pond Location	SE/4 NE/4 Sec.02 T5N R86W	
NPDES ID No	CO0036684	Site Location	10 mi. NW of Oak Creek, CO	
Owner's Rep	Miranda Kawcak	Inspector	KFC MSA	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (above or below principal spillway)		✓		
Outflow (gpm)	NF			
EROSION				
Rills & Gullies on Embankment		✓		
Wave Erosion		✓		
Spillway Erosion		✓		
Burrows		✓		
Other		✓		
STRUCTURAL				
Differential Settling		✓		
Cracks or Slides		✓		
Seepage		✓		
Other		✓		
STRUCTURES				
Principal Spillway				
Clogged Orifice		✓		
Clogged or Damaged Culvert		✓		
Damaged Headgate		✓		
Emergency Spillway				
Erosion		✓		
Riprap		✓		
Clogged or Damaged Culvert		✓		
Other		✓		
MAINTENANCE				
Maintenance Required		✓		
Maintenance Performed		✓		
Additional Comments		✓		

Top of Rise Riser Crest: 55.0 Feet

Dewatering Hole: 51.8 Feet

Mining Area	Foidel Creek Mine	Facility Configuration	Embankment Pond	Quarterly Impoundment Inspection Form				
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021					
Impoundment	Site 115 FCBH Ponds	Pond Location	SE/4 NE/4 Sec.02 T5N R86W					
NPDES ID No	CO0042161	Site Location	10 mi. NW of Oak Creek, CO					
Owner's Rep	Miranda Kawcak	Inspector	KCC MSH					
Mark or Write in Appropriate Response:								
FEATURE		PROBLEM						COMMENTS
		YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)	
GENERAL		CELL #1	CELL #2	CELL #3				
Water Level (above or below principal spillway)								Not in use
Outflow (gpm)								
EROSION								
Rills & Gullies on Embankment								
Wave Erosion								
Spillway Erosion								
Burrows								
Other								
STRUCTURAL								
Differential Settling								
Cracks or Slides								
Seepage								
Other								
STRUCTURES								
Principal Spillway								
Clogged Orifice								
Clogged or Damaged Culvert								
Damaged Headgate								
Emergency Spillway								
Erosion								
Riprap								
Clogged or Damaged Culvert								
Other								
MAINTENANCE								
Maintenance Required								
Maintenance Performed								
Additional Comments								

Discharge Flume: 6783 Feet

Mining Area		Facility Configuration		Embankment Pond		Quarterly Impoundment Inspection Form					
Date Inspected	Foidel Creek Mine	Date Last Inspected	3/14/2022	Pond Location	11/18/2021						
Impoundment	Waste Water Ponds	Site Location	SW/4 SE/4 Sec.29 T5N R86W	Inspector	10 mi. NW of Oak Creek, CO						
NPDES ID No	CO0042161	Inspector	KSC								
Owner's Rep	Miranda Kawcak	Mark or Write in Appropriate Response:									
FEATURE		PROBLEM								COMMENTS	
		YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)		
GENERAL		CELL #1		CELL #2		CELL #3		POLISHING POND			
Water Level (above or below principal spillway)											
Outflow (gpm)		~12.0	16.0 gpm		10.0		10		10		
EROSION											
Rills & Gullies on Embankment			✓		✓		✓		✓		
Wave Erosion			✓		✓		✓		✓		
Spillway Erosion			✓		✓		✓		✓		
Burrows			✓		✓		✓		✓		
Other			✓		✓		✓		✓		
STRUCTURAL											
Differential Settling			✓		✓		✓		✓		
Cracks or Slides			✓		✓		✓		✓		
Seepage			✓		✓		✓		✓		
Other			✓		✓		✓		✓		
STRUCTURES											
Principal Spillway											
Clogged Orifice			✓		✓		✓		✓		
Clogged or Damaged Culvert			✓		✓		✓		✓		
Damaged Headgate			✓		✓		✓		✓		
Emergency Spillway											
Erosion			✓		✓		✓		✓		
Riprap			✓		✓		✓		✓		
Clogged or Damaged Culvert			✓		✓		✓		✓		
Other			✓		✓		✓		✓		
MAINTENANCE											
Maintenance Required			✓		✓		✓		✓		
Maintenance Performed			✓		✓		✓		✓		
Additional Comments			✓		✓		✓		✓		

POND#1

Berm Crest: 6871.5; Pond Bottom: 6861.5

POND#2

Berm Crest: 6858.5; Pond Bottom: 6848.5

POND#3

Berm Crest: 6852.5; Pond Bottom: 6842.5

Mining Area	Foidel Creek Mine	Facility Configuration	Embankment Pond	Quarterly Impoundment Inspection Form
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021	
Impoundment	6MN Sediment Pond	Pond Location	SE/4 NW/4 Sec.17 T5N R86W	
NPDES ID No	COG850051	Site Location	10 mi. NW of Oak Creek, CO	
Owner's Rep	Miranda Kawcak	Inspector	KCC MSL	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (above or below principal spillway)		✓		
Outflow (gpm)		0		
EROSION				
Rills & Gullies on Embankment		✓		
Wave Erosion		✓		
Spillway Erosion		✓		
Burrows		✓		
Other		✓		
STRUCTURAL				
Differential Settling		✓		
Cracks or Slides		✓		
Seepage		✓		
Other		✓		
STRUCTURES				
Principal Spillway				
Clogged Orifice		✓		
Clogged or Damaged Culvert		✓		
Damaged Headgate		✓		
Emergency Spillway				
Erosion		✓		
Riprap		✓		
Clogged or Damaged Culvert		✓		
Other		✓		
MAINTENANCE				
Maintenance Required		✓		
Maintenance Performed		✓		
Additional Comments		✓		

Mining Area Date Inspected Impoundment NPDES ID No Owner's Rep	Foidel Creek Mine	Facility Configuration	Embankment Pond		Quarterly Impoundment Inspection Form	
	3/14/2022	Date Last Inspected	11/18/2021			
	18Left Sediment Ponds	Pond Location	NW/4 SW/4 Sec.23 T5N R87W			
	COG850054	Site Location	10 mi. NW of Oak Creek, CO			
	Miranda Kawcak	Inspector	KEC MSID			
Mark or Write in Appropriate Response:						
FEATURE		PROBLEM				COMMENTS
		YES (Above)	NO (Below)	YES (Above)	NO (Below)	
GENERAL						
		UPPER POND		LOWER POND		
Water Level (above or below principal spillway)			✓		✓	Snow covered
Outflow (gpm)			—		—	
EROSION						
Rills & Gullies on Embankment						
Wave Erosion						
Spillway Erosion						
Burrows						
Other						
STRUCTURAL						
Differential Settling						
Cracks or Slides						
Seepage						
Other						
STRUCTURES						
Principal Spillway						
Clogged Orifice						
Clogged or Damaged Culvert						
Damaged Headgate						
Emergency Spillway						
Erosion						
Riprap						
Clogged or Damaged Culvert						
Other						
MAINTENANCE						
Maintenance Required						
Maintenance Performed						
Additional Comments						

Upper Pond Riser Outlet: 6860.5 Feet

Lower Pond Berm Embankment: 6855.5 Feet

Mining Area	Foidel Creek Mine	Facility Configuration	Recessed Pit	Quarterly Impoundment Inspection Form
Date Inspected	3/14/2022	Date Last Inspected	11/18/2021	
Impoundment	Thickener Holding Pond	Pond Location	SW/4 NW/4 Sec.32 T5N R86W	
NPDES ID No	N/A	Site Location	10 mi. NW of Oak Creek, CO	
Owner's Rep	Miranda Kawcak	Inspector	KKC MSA	
Mark or Write in Appropriate Response:				
FEATURE	PROBLEM		COMMENTS	
	YES (Above)	NO (Below)		
GENERAL				
Water Level (above or below principal spillway)			Empty	
Outflow (gpm)				
EROSION				
Rills & Gullies on Embankment				
Wave Erosion				
Spillway Erosion				
Burrows				
Other				
STRUCTURAL				
Differential Settling				
Cracks or Slides				
Seepage				
Other				
STRUCTURES				
Principal Spillway				
Clogged Orifice				
Clogged or Damaged Culvert				
Damaged Headgate				
Emergency Spillway				
Erosion				
Riprap				
Clogged or Damaged Culvert				
Other				
MAINTENANCE				
Maintenance Required				
Maintenance Performed				
Additional Comments				

Top of Riser Pipe = 6400 ft. (MSL)

Bottom of Headgate = 6397 ft.

Top of Sediment Storage 6395.3 ft.

Mining Area		Facility Configuration		Quarterly Impoundment Inspection Form						
Date Inspected	Foidel Creek Mine	Date Last Inspected	Embankment Pond							
Impoundment	3/14/2022	Pond Location	11/18/2021							
NPDES ID No	Wetland Ponds	Site Location	SW/4 SE/4 Sec.29 T5N R86W							
Owner's Rep	CO0042161	Inspector	10 mi. NW of Oak Creek, CO							
	Miranda Kawcak		M. Kawcak							
Mark or Write in Appropriate Response:										
FEATURE			PROBLEM						COMMENTS	
			YES (Above)	NO (Below)	YES (Above)	NO (Below)	YES (Above)	NO (Below)		YES (Above)
GENERAL			CELL #1	CELL #2	CELL #3	CELL #4				
Water Level (above or below principal spillway)										
Outflow (gpm)										
EROSION										
Rills & Gullies on Embankment										
Wave Erosion										
Spillway Erosion										
Burrows										
Other										
STRUCTURAL										
Differential Settling										
Cracks or Slides										
Seepage										
Other										
STRUCTURES										
Principal Spillway										
Clogged Orifice										
Clogged or Damaged Culvert										
Damaged Headgate										
Emergency Spillway										
Erosion										
Riprap										
Clogged or Damaged Culvert										
Other										
MAINTENANCE										
Maintenance Required										
Maintenance Performed										
Additional Comments										

Site still snow covered, No access.