

Mountain Coal Company, LLC- West Elk Mine
Quarterly Self Pond Inspection Report
Somerset, Colorado Gunnison County

3/13/2023

Date

1st 2023

Quarter/Year

N. Poulos

Inspector

Pond ID	FW-1	SG-1	RPE West	RPE East	NSSA	Deepwell
Pond Type	Fresh Water	Sediment	Sediment	Sediment	Sediment	Fault Water
Sediment Level %	N/A	5%	<15%	<30%	0	<5%
Water Level (Approx.)	80%	75%	10%	80%	0	50%
Discharge? Y/N	N/A	N	N	N	N	N

Features	Problems?*		Maintenance?*		Repairs?*		Comments
* If Yes add comments							
Erosional:	Yes	No	Yes	No	Yes	No	
Rill & Gullies		X		X		X	
Inadequate Vegetation		X		X		X	
Outlet Channel Erosion		X		X		X	
Burrows		X		X		X	
Other		X		X		X	
Structural:							
Differential Settling		X		X		X	
Cracks and Slides		X		X		X	
Seepage		X		X		X	
Other		X		X		X	
Appurtenant Structures							
Defective Spillways		X		X		X	
De-Watering Device clogged		X		X		X	
Faulty Gates, Baffles, Pumps		X		X		X	
Other		X		X		X	
Additional Comments:	Water is recycled from the sediment ponds for use as dust control on roadways, as well as pumped to the CPP (as needed) and/or into the sealed area of the mine for storage and later use per MCC's adjudicated water storage right						
Action Needed:	RPE East needs sediment cleaned out. Reported to Surface Superintendent. Will schedule cleaning for this year						

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Inspector

Pond ID	FW-2 North	FW-2 South	MB-3	MB-4	MB-5 North	MB-5 South
Pond Type	Fresh Water	Fresh Water	Sediment	Sediment	Sediment	Sediment
Sediment Level %	N/A	N/A	<15%	<5%	<10%	<15%
Water Level (Approx.)	Full	Full	30%	45%	25%	70%
Discharge? Y/N	N/A	N/A	N	N	N	N

Features	Problems?*		Maintenance?*		Repairs?*		Comments
* If Yes add comments							
Erosional:	Yes	No	Yes	No	Yes	No	
Rill & Gullies		X		X		X	
Inadequate Vegetation		X		X		X	
Outlet Channel Erosion		X		X		X	
Burrows		X		X		X	
Other		X		X		X	
Structural:							
Differential Settling		X		X		X	
Cracks and Slides		X		X		X	
Seepage		X		X		X	
Other		X		X		X	
Appurtenant Structures							
Defective Spillways		X		X		X	
De-Watering Device clogged		X		X		X	
Faulty Gates, Baffles, Pumps		X		X		X	
Other		X		X		X	
Additional Comments:	Water is recycled from the sediment ponds for use as dust control on roadways, as well as pumped to the CPP (as needed) and/or into the sealed area of the mine for storage and later use per MCC's adjudicated water storage right						
Action Needed:							

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Date

Quarter/ Year

Surface Material Storage (under C-1)

N. Poulos

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	
Vegetation		X		X		X	
Other		X		X		X	
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches and Channels		X		X		X	
Berms		X		X		X	
Linings		X		X		X	
BMPs		X		X		X	
Culverts		X		X		X	
Other		X		X		X	
Structural:	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	
Cracks or Settling		X		X		X	
Seepage		X		X		X	
Other		X		X		X	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		X		X		X	
Subsoil		X		X		X	
Vegetation		X		X		X	
Mulch		X		X		X	
Other		X		X		X	
General Compliance & Miscellaneous	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Roads		X		X		X	
Other		X		X		X	
Additional Comments:							
C-1 Maintenance is complete							
Action Required or Needed:							

Date	3/13/2023
Location	Topsoil pile by ST 1-3

Inspector

Features	Problems		Maintenance		Repairs		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	Snow covered
Vegetation		X		X		X	Snow covered
Other		X		X		X	Snow covered
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches and Channels		X		X		X	
Berms		X		X		X	
Linings		X		X		X	
Temp. Structures		X		X		X	
Culverts		X		X		X	
Other		X		X		X	
Structural:	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	Snow Covered
Cracks or Settling		X		X		X	Snow Covered
Seepage		X		X		X	Snow Covered
Monitoring-Visual		X		X		X	
Other		X		X		X	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		X		X		X	Snow Covered
Subsoil		X		X		X	Snow Covered
Vegetation		X		X		X	Snow Covered
Mulch		X		X		X	Snow Covered
Other		X		X		X	
General Compliance & Miscellaneous	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Other		X		X		X	
Additional Comments:							
Winter storms occurring							
Action Required or Needed:							

Mountain Coal Company, LLC- West Elk Mine
Quarterly Self Mine Site Inspection Report
Somerset, Colorado Gunnison County

3/13/2023

1st 2023

Date

Quarter/Year

General Mine Site

N. Poulos

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments							
Erosion:	Yes	No	Yes	No	Yes	No								
Rills and Gullies		X		X		X								
Vegetation		X		X		X								
Other		X		X		X								
Drainage:	Yes	No	Yes	No	Yes	No								
Ditches and Channels		X		X		X								
Berms		X		X		X								
Linings		X		X		X								
BMPs		X		X		X								
Culverts		X		X		X								
Other		X		X		X								
Structural:	Yes	No	Yes	No	Yes	No								
Side slopes and Stability		X		X		X								
Cracks or Settling		X		X		X								
Seepage		X		X		X								
Monitoring-Survey		X		X		X								
Other		X		X		X								
Reclamation:	Yes	No	Yes	No	Yes	No								
Seedbed Material		X		X		X								
Subsoil		X		X		X								
Vegetation		X		X		X								
Mulch		X		X		X								
Other		X		X		X								
Miscellaneous	Yes	No	Yes	No	Yes	No								
Signs and Markers		X		X		X								
Spontaneous Combustion		X		X		X								
Roads		X		X		X								
Other		X		X		X								
Additional Comments:														
Winter weather. Lots of muddy areas and employees are maintaining as the weather comes														
Action Required or Needed:														

1st 2023
Quarter/Year
N. Poulos
Inspector

Mountain Coal Company, LLC- West Elk Mine
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1st 2023

Date

RPE & RPEE

Location

Quarter/Year

N. Poulos

Inspector

Features	Problems		Maintenance		Repairs		Comments							
Erosion:	Yes	No	Yes	No	Yes	No								
Rills and Gullies		X		X		X	Snow/Mud Covered							
Vegetation		X		X		X	Snow/Mud Covered							
Other		X		X		X								
Drainage:	Yes	No	Yes	No	Yes	No								
Ditches and Channels		X		X		X	Snow/Mud Covered							
Berms		X		X		X	Snow/Mud Covered							
Linings		X		X		X	Snow/Mud Covered							
BMPs		X		X		X	Snow/Mud Covered							
Culverts		X		X		X	Snow/Mud Covered							
Other		X		X		X								
Structural:	Yes	No	Yes	No	Yes	No								
Side slopes and Stability		X		X		X	Snow/Mud Covered							
Compaction		X		X		X	Snow/Mud Covered							
Underdrains		X		X		X	Snow/Mud Covered							
Cracks or Settling		X		X		X	Snow/Mud Covered							
Seepage		X		X		X	Snow/Mud Covered							
Monitoring-Survey		X		X		X								
Other		X		X		X								
Reclamation:	Yes	No	Yes	No	Yes	No								
Seedbed Material		X		X		X	Snow/Mud Covered							
Subsoil		X		X		X	Snow/Mud Covered							
Vegetation		X		X		X	Snow/Mud Covered							
Mulch		X		X		X	Snow/Mud Covered							
Other		X		X		X								
Miscellaneous	Yes	No	Yes	No	Yes	No								
Signs and Markers		X		X		X								
Spontaneous Combustion		X		X		X								
Roads		X		X		X	Snow/Mud Covered							
Other		X		X		X								
Additional Comments:														
No Access to RPEE. RPE is very muddy. MCC is dealing with wet Gob as best they can. Ordered Lime to mix with Gob														
Action Required or Needed:														

3/13/2023
Date
Sylvester Gulch Facilities Area
Location

Inspector

March 2021

3/13/2023

Date

North Soils Storage Area (NSSA)

Location

Quarter/Year
N. Poulos
Inspector

Features	Problems		Maintenance		Repairs		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	Snow Covered
Vegetation		X	X			X	Snow Covered
Other		X		X		X	
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches and Channels		X		X		X	Snow Covered
Berms		X		X		X	Snow Covered
Linings		X		X		X	Snow Covered
BMPs		X		X		X	Snow Covered
Culverts		X		X		X	Snow Covered
Other		X		X		X	
Structural:	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	Snow Covered
Cracks or Settling		X		X		X	Snow Covered
Seepage		X		X		X	Snow Covered
Other		X		X		X	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		X		X		X	Snow Covered
Subsoil		X		X		X	Snow Covered
Vegetation		X		X		X	Snow Covered
Mulch		X		X		X	Snow Covered
Other		X		X		X	
General Compliance & Miscellaneous	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Roads		X		X		X	Snow Covered
Other		X		X		X	
Additional Comments:							
No access							
Action Required or Needed:							

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1st 2023

Date

Quarter/Year

Lower Refuse Pile (Prep Plant)

N. Poulos

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments							
Erosion:	Yes	No	Yes	No	Yes	No								
Rills and Gullies		X		X		X								
Vegetation		X		X		X								
Other		X		X		X								
Drainage:	Yes	No	Yes	No	Yes	No								
Ditches and Channels		X		X		X								
Berms		X		X		X								
Linings		X		X		X								
BMPs		X		X		X								
Culverts		X		X		X								
Other		X		X		X								
Structural:	Yes	No	Yes	No	Yes	No								
Side slopes and Stability		X		X		X								
Compaction		X		X		X								
Underdrains		X		X		X								
Cracks or Settling		X		X		X								
Seepage		X		X		X								
Monitoring-Survey		X		X		X								
Other		X		X		X								
Reclamation:	Yes	No	Yes	No	Yes	No								
Seedbed Material		X		X		X								
Subsoil		X		X		X								
Vegetation		X		X		X								
Mulch		X		X		X								
Other		X		X		X								
General Compliance & Miscellaneous	Yes	No	Yes	No	Yes	No								
Signs and Markers		X		X		X								
Spontaneous		X		X		X								
Roads		X		X		X								
Other		X		X		X								
Additional Comments:														
Fines are being moved to behind the plant to make room on ST-5. Clean up is occuring as material is bei														
Action Required or Needed:														

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Somerset, Colorado Gunnison County

3/13/2023

1st 2023

Date

Upper Sly Gulch Road

Location

Quarter/Year

N. Poulos

Inspector

Features	Problems		Maintenance		Repairs		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	
Vegetation		X		X		X	
Other		X		X		X	
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches and Channels		X		X		X	
Berms		X		X		X	
Linings		X		X		X	
BMPs		X		X		X	
Culverts		X		X		X	
Other		X		X		X	
Structural:	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	
Cracks or Settling		X		X		X	
Seepage		X		X		X	
Monitoring-Survey		X		X		X	
Other		X		X		X	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		X		X		X	
Subsoil		X		X		X	
Vegetation		X		X		X	
Mulch		X		X		X	
Other		X		X		X	
General Compliance & Miscellaneous	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Roads		X		X		X	
Other		X		X		X	
Additional Comments:							
No Access							
Action Required or Needed:							

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Date

Quarter/Year

Deer Creek Shaft & Monument Dam Borrow Area

N. Poulos

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	
Vegetation		X		X		X	
Other		X		X		X	
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches and Channels		X		X		X	
Berms		X		X		X	
Linings		X		X		X	
BMPs		X		X		X	
Culverts		X		X		X	
Other		X		X		X	
Structural:	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	
Cracks or Settling		X		X		X	
Seepage		X		X		X	
Monitoring-Survey		X		X		X	
Other		X		X		X	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		X		X		X	
Subsoil		X		X		X	
Vegetation		X		X		X	
Mulch		X		X		X	
Other		X		X		X	
Miscellaneous	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Roads		X		X		X	
Other		X		X		X	
Additional Comments:							
No Access							
Action Required or Needed:							