

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

2/17/2022

1st 2022

Date

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%	<15%	0	<5%
Water Level (Approx.)	80%	40%	10%	60%	0	20%
Discharge? Y/N	N/A	N	N	N	N	N

Features	Problems?*		Maintenance?*		Repairs?*		Comments
* If Yes add comments							
<b>Erosional:</b>	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	
<b>Structural:</b>							
Differential Settling		X		X		X	
Cracks and Slides		X		X		X	
Seepage		X		X		X	
Other		X		X		X	
<b>Appurtenant Structures</b>							
Defective Spillways		X		X		X	
De-Watering Device clogged		X		X		X	
Faulty Gates, Baffles, Pumps		X		X		X	
Other		X		X		X	
<b>Additional Comments:</b>	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						
<b>Action Needed:</b>							

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

2/17/2022  
Date

1st 2022  
Quarter/ Year  
N. Poulos  
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	15%	30%	15%	60%
Discharge? Y/N	N/A	N/A	N	N	N	N

Features	Problems?*		Maintenance?*		Repairs?*		Comments
* If Yes add comments							
<b>Erosional:</b>	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	
<b>Structural:</b>							
Differential Settling		X		X		X	
Cracks and Slides		X		X		X	
Seepage		X		X		X	
Other		X		X		X	
<b>Appurtenant Structures</b>							
Defective Spillways		X		X		X	
De-Watering Device clogged		X		X		X	
Faulty Gates, Baffles, Pumps		X		X		X	
Other		X		X		X	
<b>Additional Comments:</b>	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						
<b>Action Needed:</b>							

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

2/17/2022

1st 2022

Date

Quarter/ Year

Surface Material Storage (under C-1)

N. Poulos

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments
<b>Erosion:</b>	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	
Vegetation		X		X		X	
Other		X		X		X	
<b>Drainage:</b>	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	
<b>Structural:</b>	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	
<b>Reclamation:</b>	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	
<b>General Compliance &amp; Miscellaneous</b>	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Roads		X		X		X	
Other		X		X		X	
<b>Additional Comments:</b>							
<b>Action Required or Needed:</b>							

2/17/2022
Date
Topsoil pile by ST 1-3
Location

Quarter/Year  
N. Poulos  
Inspector

Features	Problems		Maintenance		Repairs		Comments
<b>Erosion:</b>	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
<b>Drainage:</b>	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	
<b>Structural:</b>	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	
<b>Reclamation:</b>	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	
<b>General Compliance &amp; Miscellaneous</b>	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Other		X		X		X	
<b>Additional Comments:</b>							
<b>Action Required or Needed:</b>							

2/17/2022  
Date  
General Mine Site  
Location

Inspector

Features	Problems		Maintenance		Repairs		Comments
<b>Erosion:</b>	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	
Vegetation		X		X		X	
Other		X		X		X	
<b>Drainage:</b>	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	
<b>Structural:</b>	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	
<b>Reclamation:</b>	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	
<b>Miscellaneous</b>	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	
<b>Additional Comments:</b>							
<b>Action Required or Needed:</b>							

**Mountain Coal Company, LLC- West Elk Mine  
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Somerset, Colorado Gunnison County**

2/17/2022

1st 2022

Date

Quarter/Year

Material Storage Bench, Topsoil Pile #5

N. Poulos

Location

Inspector

Features	Problems		Maintenance		Repairs		Comments							
<b>Erosion:</b>	Yes	No	Yes	No	Yes	No								
Rills and Gullies		X		X		X								
Vegetation		X		X		X								
Other		X		X		X								
<b>Drainage:</b>	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								
<b>Structural:</b>	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								
<b>Reclamation:</b>	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								
<b>Miscellaneous</b>	Yes	No	Yes	No	Yes	No								
Signs and Markers		X		X		X								
Roads		X		X		X								
Other		X		X		X								
<b>Additional Comments:</b>														
<b>Action Required or Needed:</b>														

2/17/2022  
Date  
RPE & RPEE  
Location

Quarter/Year  
N. Poulos  
Inspector

Features	Problems		Maintenance		Repairs		Comments
<b>Erosion:</b>	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	Snow Covered
Vegetation		X		X		X	Snow Covered
Other		X		X		X	
<b>Drainage:</b>	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	
<b>Structural:</b>	Yes	No	Yes	No	Yes	No	
Side slopes and Stability		X		X		X	Snow Covered
Compaction		X		X		X	Snow Covered
Underdrains		X		X		X	Snow Covered
Cracks or Settling		X		X		X	Snow Covered
Seepage		X		X		X	Snow Covered
Monitoring-Survey		X		X		X	
Other		X		X		X	
<b>Reclamation:</b>	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	
<b>Miscellaneous</b>	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Spontaneous Combustion		X		X		X	
Roads		X		X		X	Snow Covered
Other		X		X		X	
<b>Additional Comments:</b>							
<b>Action Required or Needed:</b>							

2/17/2022  
Date  
Sylvester Gulch Facilities Area  
Location

Quarter/Year  
N. Poulos  
Inspector

Features	Problems		Maintenance		Repairs		Comments
<b>Erosion:</b>	Yes	No	Yes	No	Yes	No	
Rills and Gullies		X		X		X	Snow Covered
Vegetation		X		X		X	Snow Covered
Other		X		X		X	
<b>Drainage:</b>	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	
<b>Structural:</b>	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-Survey		X		X		X	
Other		X		X		X	
<b>Reclamation:</b>	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	
<b>General Compliance &amp; Miscellaneous</b>	Yes	No	Yes	No	Yes	No	
Signs and Markers		X		X		X	
Roads		X		X		X	Snow Covered
Other		X		X		X	
<b>Additional Comments:</b>							
Snow and Ice had been cut to get water to drain to the ditch							
<b>Action Required or Needed:</b>							

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

2/17/2022

1st 2022

Date

North Soils Storage Area (NSSA)

Location

Quarter/Year

N. Poulos

Inspector

Features	Problems		Maintenance		Repairs		Comments							
	Yes	No	Yes	No	Yes	No								
<b>Erosion:</b>														
Rills and Gullies		X		X		X	Snow Covered							
Vegetation		X	X			X	Snow Covered							
Other		X		X		X								
<b>Drainage:</b>														
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								
<b>Structural:</b>														
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								
<b>Reclamation:</b>														
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								
<b>General Compliance &amp; Miscellaneous</b>														
Signs and Markers		X		X		X								
Roads		X		X		X	Snow Covered							
Other		X		X		X								
<b>Additional Comments:</b>														
<b>Action Required or Needed:</b>														

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

2/17/2022

1st 2022

Date

Lower Refuse Pile (Prep Plant)

Location

Quarter/Year

N. Poulos

Inspector

Features	Problems		Maintenance		Repairs		Comments							
<b>Erosion:</b>	Yes	No	Yes	No	Yes	No								
Rills and Gullies		X		X		X								
Vegetation		X		X		X								
Other		X		X		X								
<b>Drainage:</b>	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	Snow Covered							
Other		X		X		X								
<b>Structural:</b>	Yes	No	Yes	No	Yes	No								
Side slopes and Stability		X		X		X	Snow Covered							
Compaction		X		X		X	Snow Covered							
Underdrains		X		X		X								
Cracks or Settling		X		X		X	Snow Covered							
Seepage		X		X		X	Snow Covered							
Monitoring-Survey		X		X		X								
Other		X		X		X								
<b>Reclamation:</b>	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								
<b>General Compliance &amp; Miscellaneous</b>	Yes	No	Yes	No	Yes	No								
Signs and Markers		X		X		X								
Spontaneous		X		X		X								
Roads		X		X		X								
Other		X		X		X								
<b>Additional Comments:</b>														
<b>Action Required or Needed:</b>														

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

2/17/2022

Date

Upper Sly Gulch Road

Location

1st 2022

Quarter/Year

N. Poulos

Inspector

Features	Problems		Maintenance		Repairs		Comments							
<b>Erosion:</b>	Yes	No	Yes	No	Yes	No								
Rills and Gullies		X		X		X								
Vegetation		X		X		X								
Other		X		X		X								
<b>Drainage:</b>	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								
<b>Structural:</b>	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								
<b>Reclamation:</b>	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								
<b>General Compliance &amp; Miscellaneous</b>	Yes	No	Yes	No	Yes	No								
Signs and Markers		X		X		X								
Roads		X		X		X								
Other		X		X		X								
<b>Additional Comments:</b>														
Not accessible by truck														
Action Required or Needed:														

2/17/2022	1st 2022
Date	Quarter/Year
Deer Creek Shaft & Monument Dam Borrow Area	N. Poulos
Location	Inspector

Stormwater Management Plan, MCC-WEM March 2021