

MOUNTAIN COAL COMPANY, LLC

WEST ELK MINE

Quarterly Stockpile and/or Site Inspection Report Somerset, Gunnison County, Colorado

Date: 9/28/2020

Quarter: 3rd of 2020

Location: Mine Supply Storage

Inspector: Edward Ogrodny

Features	Problems?		Maintenance?		Repairs?		Comments
	Yes	No	Yes	No	Yes	No	
Erosion:							
Rills & Gullies		√		√		√	
Vegetation		√		√		√	
Other		√		√		√	
Drainage:							
Ditches & Channels		√		√		√	Maintenance ongoing as needed
Berms		√		√		√	
Linings		√		√		√	
Temporary Structures		√		√		√	
Culverts		√		√		√	
Other		√		√		√	
Structural:							
Sideslopes & Stability		√		√		√	
Cracks or settling		√		√		√	
Compaction	NA	NA	NA	NA	NA	NA	
Seepage		√		√		√	
Underdrains	NA	NA	NA	NA	NA	NA	
Monitoring - Survey	NA	NA	NA	NA	NA	NA	
Monitoring - Visual		√		√		√	
Other		√		√		√	
Reclamation:							
Seedbed Material		√		√		√	
Subsoil		√		√		√	
Vegetation		√		√		√	
Mulch		√		√		√	
Other		√		√		√	
General Compliance & Miscellaneous:							
Signs & Markers		√		√		√	
Spontaneous Combustion	NA	NA	NA	NA	NA	NA	
Roads		√		√		√	Maintenance ongoing as needed
Other		√		√		√	
<u>Additional Comments:</u> Maintenance of ditches, roads, and facilities ongoing as needed.							
<u>Action Required or Needed:</u>							

MOUNTAIN COAL COMPANY, LLC

WEST ELK MINE

Quarterly Stockpile and/or Site Inspection Report Somerset, Gunnison County, Colorado

Date: 9/28/2020

Quarter: 3rd of 2020

Location: Main Topsoil Stockpile

Inspector: Edward Ogrodny

Features	Problems?		Maintenance?		Repairs?		Comments
Erosion:	Yes	No	Yes	No	Yes	No	
Rills & Gullies		√		√		√	
Vegetation		√		√		√	
Other		√		√		√	
Drainage:	Yes	No	Yes	No	Yes	No	
Ditches & Channels		√		√		√	Maintenance ongoing as needed
Berms		√		√		√	
Linings		√		√		√	
Temporary Structures		√		√		√	
Culverts		√		√		√	
Other		√		√		√	
Structural:	Yes	No	Yes	No	Yes	No	
Sideslopes & Stability		√		√		√	
Cracks or settling		√		√		√	
Compaction		√		√		√	
Seepage		√		√		√	
Underdrains	NA	NA	NA	NA	NA	NA	
Monitoring - Survey	NA	NA	NA	NA	NA	NA	
Monitoring - Visual		√		√		√	
Other		√		√		√	
Reclamation:	Yes	No	Yes	No	Yes	No	
Seedbed Material		√		√		√	
Subsoil		√		√		√	
Vegetation		√		√		√	
Mulch		√		√		√	
Other		√		√		√	
General Compliance & Miscellaneous:	Yes	No	Yes	No	Yes	No	
Signs & Markers		√		√		√	
Spontaneous Combustion	NA	NA	NA	NA	NA	NA	
Roads	NA	NA	NA	NA	NA	NA	
Other		√		√		√	
<u>Additional Comments:</u> No issues							
<u>Action Required or Needed:</u>							

MOUNTAIN COAL COMPANY, LLC

WEST ELK MINE

Quarterly Stockpile and/or Site Inspection Report Somerset, Gunnison County, Colorado

Date: 9/28/2020

Quarter: 3rd of 2020

Location: General Mine Site

Inspector: Edward Ogrodny

Features	Problems?		Maintenance?		Repairs?		Comments
	Yes	No	Yes	No	Yes	No	
Erosion:							
Rills & Gullies		√		√		√	
Vegetation		√		√		√	
Other		√		√		√	
Drainage:							
Ditches & Channels		√		√		√	Maintenance ongoing as needed
Berms		√		√		√	
Linings		√		√		√	
Temporary Structures		√		√		√	
Culverts		√		√		√	
Other		√		√		√	
Structural:							
Sideslopes & Stability		√		√		√	
Cracks or settling		√		√		√	
Compaction		√		√		√	
Seepage		√		√		√	
Underdrains	NA	NA	NA	NA	NA	NA	
Monitoring - Survey		√	√			√	Ongoing repairs/replacement of mirrors.
Monitoring - Visual		√		√		√	
Other		√		√		√	
Reclamation:							
Seedbed Material		√		√		√	
Subsoil		√		√		√	
Vegetation		√		√		√	
Mulch		√		√		√	
Other		√		√		√	
General Compliance & Miscellaneous:							
Signs & Markers		√		√		√	
Spontaneous Combustion		√		√		√	
z Roads		√		√		√	Maintenance ongoing as needed
Other		√		√		√	
<u>Additional Comments:</u> Maintenance of ditches, roads, and facilities ongoing as needed. Site Monitoring continues with monthly and quarterly surveys. Continue to monitor of slump area below MSB.							
<u>Action Required or Needed:</u> Ongoing repairs of survey mirrors that are broken, missing, or dirty.							

MOUNTAIN COAL COMPANY, LLC

WEST ELK MINE

Quarterly Stockpile and/or Site Inspection Report Somerset, Gunnison County, Colorado

Date: 9/28/2020

Quarter: 3rd of 2020

Location: Material Storage Bench, Topsoil Stockpile #5

Inspector: Edward Ogrodny

Features	Problems?		Maintenance?		Repairs?		Comments
	Yes	No	Yes	No	Yes	No	
Erosion:							
Rills & Gullies		√		√		√	
Vegetation		√		√		√	
Other		√		√		√	
Drainage:							
Ditches & Channels		√		√		√	Maintenance ongoing as needed
Berms	√			√	√		Berm/barriers along north edge of the MSB bench repaired
Linings		√		√		√	
Temporary Structures		√		√		√	
Culverts		√		√		√	
Other		√		√		√	
Structural:							
Sideslopes & Stability	√			√	√		Continued monitoring of north-facing slump slope. See comments.
Cracks or settling	√			√	√		See comments.
Compaction		√		√		√	
Seepage		√		√		√	
Underdrains	NA	NA	NA	NA	NA	NA	
Monitoring - Survey	NA	NA	NA	NA	NA	NA	
Monitoring - Visual		√		√		√	Measurements conducted.
Other		√		√		√	
Reclamation:							
Seedbed Material		√		√		√	
Subsoil		√		√		√	
Vegetation		√		√		√	
Mulch		√		√		√	
Other		√		√		√	
General Compliance & Miscellaneous:							
Signs & Markers		√		√		√	
Spontaneous Combustion	NA	NA	NA	NA	NA	NA	
Roads	√			√	√		See comments.
Other		√		√		√	
<u>Additional Comments:</u> Some continued slumping pushing-up on road pavement at base of rock buttress and some cracks along the bench edge.							
<u>Action Required or Needed:</u> Plans being drawn-up for repairs.							

MOUNTAIN COAL COMPANY, LLC

WEST ELK MINE

Quarterly Stockpile and/or Site Inspection Report Somerset, Gunnison County, Colorado

Date: 9/28/2020

Quarter: 3rd of 2020

Location: Refuse Pile Expansion (RPE) & RPE East (RPEE)

Inspector: Edward Ogrodny

Features	Problems?		Maintenance?		Repairs?		Comments
	Yes	No	Yes	No	Yes	No	
Erosion:							
Rills & Gullies		√		√		√	
Vegetation		√		√		√	
Other		√		√		√	
Drainage:							
Ditches & Channels		√		√		√	Maintenance ongoing as needed
Berms		√		√		√	
Linings		√		√		√	
Temporary Structures		√		√		√	
Culverts		√		√		√	
Other		√		√		√	
Structural:							
Sideslopes & Stability		√		√		√	
Cracks or settling		√		√		√	
Compaction		√		√		√	
Seepage		√		√		√	
Underdrains		√		√		√	
Monitoring - Survey		√		√		√	
Monitoring - Visual		√		√		√	
Other		√		√		√	
Reclamation:							
Seedbed Material		√		√		√	
Subsoil		√		√		√	
Vegetation		√		√		√	
Mulch		√		√		√	
Other		√		√		√	
General Compliance & Miscellaneous:							
Signs & Markers		√		√		√	
Spontaneous Combustion		√		√		√	
Roads		√		√		√	Maintenance ongoing as needed
Other		√		√		√	
<u>Additional Comments:</u> Road conditions improved. Maintenance of ditches, roads, and facilities ongoing as needed							
<u>Action Required or Needed:</u>							

MOUNTAIN COAL COMPANY, LLC

WEST ELK MINE

Quarterly Stockpile and/or Site Inspection Report Somerset, Gunnison County, Colorado

Date: 9/28/2020

Quarter: 3rd of 2020

Location: Sylvester Gulch Facilities Area

Inspector: Edward Ogrodny

Features	Problems?		Maintenance?		Repairs?		Comments
	Yes	No	Yes	No	Yes	No	
Erosion:							
Rills & Gullies		√		√		√	
Vegetation		√		√		√	
Other		√		√		√	
Drainage:							
Ditches & Channels		√		√		√	Maintenance ongoing as needed
Berms		√		√		√	
Linings		√		√		√	
Temporary Structures		√		√		√	
Culverts		√		√		√	
Other		√		√		√	
Structural:							
Sideslopes & Stability		√		√		√	
Cracks or settling		√		√		√	
Compaction		√		√		√	
Seepage		√		√		√	
Underdrains		√		√		√	
Monitoring - Survey		√		√		√	
Monitoring - Visual		√		√		√	
Other		√		√		√	
Reclamation:							
Seedbed Material		√		√		√	
Subsoil		√		√		√	
Vegetation		√		√		√	
Mulch		√		√		√	
Other		√		√		√	
General Compliance & Miscellaneous:							
Signs & Markers		√		√		√	
Spontaneous Combustion	NA	NA	NA	NA	NA	NA	
Roads		√		√		√	Maintenance ongoing as needed
Other		√		√		√	
<u>Additional Comments:</u> Maintenance of ditches, roads, and facilities ongoing as needed.							
<u>Action Required or Needed:</u>							

MOUNTAIN COAL COMPANY, LLC

WEST ELK MINE

Quarterly Stockpile and/or Site Inspection Report Somerset, Gunnison County, Colorado

Date: 9/28/2020

Quarter: 3rd of 2020

Location: North Soils Storage Area (NSSA)

Inspector: Edward Ogrodny

Features	Problems?		Maintenance?		Repairs?		Comments
	Yes	No	Yes	No	Yes	No	
Erosion:							
Rills & Gullies		√		√		√	
Vegetation		√		√		√	
Other		√		√		√	
Drainage:							
Ditches & Channels		√		√		√	Maintenance ongoing as needed
Berms		√		√		√	
Linings		√		√		√	
Temporary Structures		√		√		√	
Culverts		√		√		√	
Other		√		√		√	
Structural:							
Sideslopes & Stability		√		√		√	
Cracks or settling		√		√		√	
Compaction		√		√		√	
Seepage		√		√		√	
Underdrains	NA	NA	NA	NA	NA	NA	
Monitoring - Survey	NA	NA	NA	NA	NA	NA	
Monitoring - Visual		√		√		√	
Other		√		√		√	
Reclamation:							
Seedbed Material		√		√		√	
Subsoil		√		√		√	
Vegetation		√		√		√	
Mulch		√		√		√	
Other		√		√		√	
General Compliance & Miscellaneous:							
Signs & Markers		√		√		√	
Spontaneous Combustion	NA	NA	NA	NA	NA	NA	
Roads		√		√		√	Maintenance ongoing as needed
Other		√		√		√	
<u>Additional Comments:</u> Maintenance of ditches, roads, and facilities ongoing as needed.							
<u>Action Required or Needed:</u>							

MOUNTAIN COAL COMPANY, LLC

WEST ELK MINE

Quarterly Stockpile and/or Site Inspection Report Somerset, Gunnison County, Colorado

Date: 9/28/2020

Quarter: 3rd of 2020

Location: Lower Refuse Pile

Inspector: Edward Ogrodny

Features	Problems?		Maintenance?		Repairs?		Comments
	Yes	No	Yes	No	Yes	No	
Erosion:							
Rills & Gullies		√		√		√	
Vegetation		√		√		√	
Other		√		√		√	
Drainage:							
Ditches & Channels		√		√		√	Maintenance ongoing as needed
Berms		√		√		√	
Linings		√		√		√	
Temporary Structures		√		√		√	
Culverts		√		√		√	
Other		√		√		√	
Structural:							
Sideslopes & Stability		√		√		√	
Cracks or settling		√		√		√	
Compaction		√		√		√	
Seepage		√		√		√	
Underdrains		√		√		√	
Monitoring - Survey		√		√		√	
Monitoring - Visual		√		√		√	
Other		√		√		√	
Reclamation:							
Seedbed Material		√		√		√	
Subsoil		√		√		√	
Vegetation		√		√		√	
Mulch		√		√		√	
Other		√		√		√	
General Compliance & Miscellaneous:							
Signs & Markers		√		√		√	
Spontaneous Combustion		√		√		√	
Roads		√		√		√	Maintenance ongoing as needed
Other		√		√		√	
<u>Additional Comments:</u> Maintenance of ditches, roads, and facilities ongoing as needed.							
<u>Action Required or Needed:</u>							

MOUNTAIN COAL COMPANY, LLC

WEST ELK MINE

Quarterly Stockpile and/or Site Inspection Report Somerset, Gunnison County, Colorado

Date: 9/28/2020

Quarter: 3rd of 2020

Location: Upper Sly Gulch Rd & E Seam MVBs

Inspector: Edward Ogrodny

Features	Problems?		Maintenance?		Repairs?		Comments
	Yes	No	Yes	No	Yes	No	
Erosion:							
Rills & Gullies		√		√		√	
Vegetation		√		√		√	
Other		√		√		√	
Drainage:							
Ditches & Channels		√		√		√	Maintenance ongoing as needed
Berms		√		√		√	
Linings		√		√		√	
Temporary Structures		√		√		√	
Culverts		√		√		√	
Other		√		√		√	
Structural:							
Sideslopes & Stability							
Cracks or settling		√		√		√	
Compaction		√		√		√	
Seepage		√		√		√	
Underdrains	NA	NA	NA	NA	NA	NA	
Monitoring - Survey		√		√		√	
Monitoring - Visual		√		√		√	
Other		√		√		√	
Reclamation:							
Seedbed Material		√		√		√	
Subsoil		√		√		√	
Vegetation		√		√		√	
Mulch		√		√		√	
Other		√		√		√	
General Compliance & Miscellaneous:							
Signs & Markers		√		√		√	
Spontaneous Combustion	NA	NA	NA	NA	NA	NA	
Roads		√		√		√	Maintenance ongoing as needed
Other		√		√		√	
<u>Additional Comments:</u> Maintenance of ditches, roads, and facilities ongoing as needed.							
<u>Action Required or Needed:</u>							

MOUNTAIN COAL COMPANY, LLC

WEST ELK MINE

Quarterly Stockpile and/or Site Inspection Report Somerset, Gunnison County, Colorado

Date: 9/28/2020
Deer Creek Shaft & Monument Dam Borrow

Quarter: 3rd of 2020

Location: Area

Inspector: Edward Ogrodny

Features	Problems?		Maintenance?		Repairs?		Comments
	Yes	No	Yes	No	Yes	No	
Erosion:							
Rills & Gullies		√		√		√	
Vegetation		√		√		√	
Other		√		√		√	
Drainage:							
Ditches & Channels		√		√		√	Maintenance ongoing as needed
Berms		√		√		√	
Linings		√		√		√	
Temporary Structures		√		√		√	
Culverts		√		√		√	
Other		√		√		√	
Structural:							
Sideslopes & Stability		√		√		√	
Cracks or settling		√		√		√	
Compaction		√		√		√	
Seepage							
Underdrains	NA	NA	NA	NA	NA	NA	
Monitoring - Survey		√		√		√	
Monitoring - Visual		√		√		√	
Other		√		√		√	
Reclamation:							
Seedbed Material		√		√		√	
Subsoil		√		√		√	
Vegetation		√		√		√	
Mulch		√		√		√	
Other		√		√		√	
General Compliance & Miscellaneous:							
Signs & Markers		√		√		√	
Spontaneous Combustion	NA	NA	NA	NA	NA	NA	
Roads		√		√		√	Maintenance ongoing as needed
Other		√		√		√	
<u>Additional Comments:</u> Maintenance of ditches, roads, and facilities ongoing as needed.							
<u>Action Required or Needed:</u>							