



Nicki Poulos  
Environmental Engineer I  
[npoulos@archrsc.com](mailto:npoulos@archrsc.com)  
Phone: 970.929.2219

**Mountain Coal Company, LLC**  
A subsidiary of Arch Resources, Inc.  
West Elk Mine  
5174 Highway 133  
Somerset, CO 81434

October 25, 2021

Mr. Leigh Simmons  
Colorado Division of Reclamation, Mining and Safety  
Office of Mined Land Reclamation  
1313 Sherman Street, Room 215  
Denver, CO 80203

**Re: Mountain Coal Company, LLC - West Elk Mine, CDRMS Permit No. C-1980-007  
Pond and Mine Site Quarterly Self-Inspection Reports –3<sup>rd</sup> Quarter 2021**

Dear Mr. Simmons:

Attached are Mountain Coal Company, LLC's (MCC) Pond, Refuse Pile and Mine Site quarterly self-inspection reports for the 3rd Quarter of 2021.

The RPEE compaction tests and Professional Engineer Certification are also attached.

Should you have questions or require additional information, please contact me at (970) 929-2219.

Sincerely,

A handwritten signature in black ink that reads "Nicki Poulos".

Nicki Poulos  
Environmental Engineer

Enclosures: Inspection Reports – 3rd Quarter 2021  
Compaction Test Results  
PE Certification

cc: K. Welt  
J. Wilczek  
Availability of Records File

## REFUSE PILE EXPANSION EAST CERTIFICATION

I, Jessica A. Wilczek, Colorado Registered P.E. No. 39802, hereby certify to the best of my knowledge and belief, the preparation of the Refuse Pile Expansion East (RPEE), including topsoil and subsoil salvage, underdrain and drainage ditch construction, and placement and compaction of fill lifts, was completed during the 3<sup>rd</sup> Quarter of 2021 in accordance with the approved designs for the Refuse Pile Expansion East (RPEE), see the attached compaction test results.

*Jessica Wilczek*

Jessica A. Wilczek, Colorado P.E. No. 39802



## RELATIVE COMPACTION TEST RESULTS

**PROJECT:** West Elk Mine RPEE 2021

**PROJECT NUMBER:** M21049MT

**DATE:** July 6, 2021

**LOCATION:** Somerset, CO

**ENGINEERING TECHNICIAN:** Derrick Hayes

**CLIENT:** Mountain Coal Company

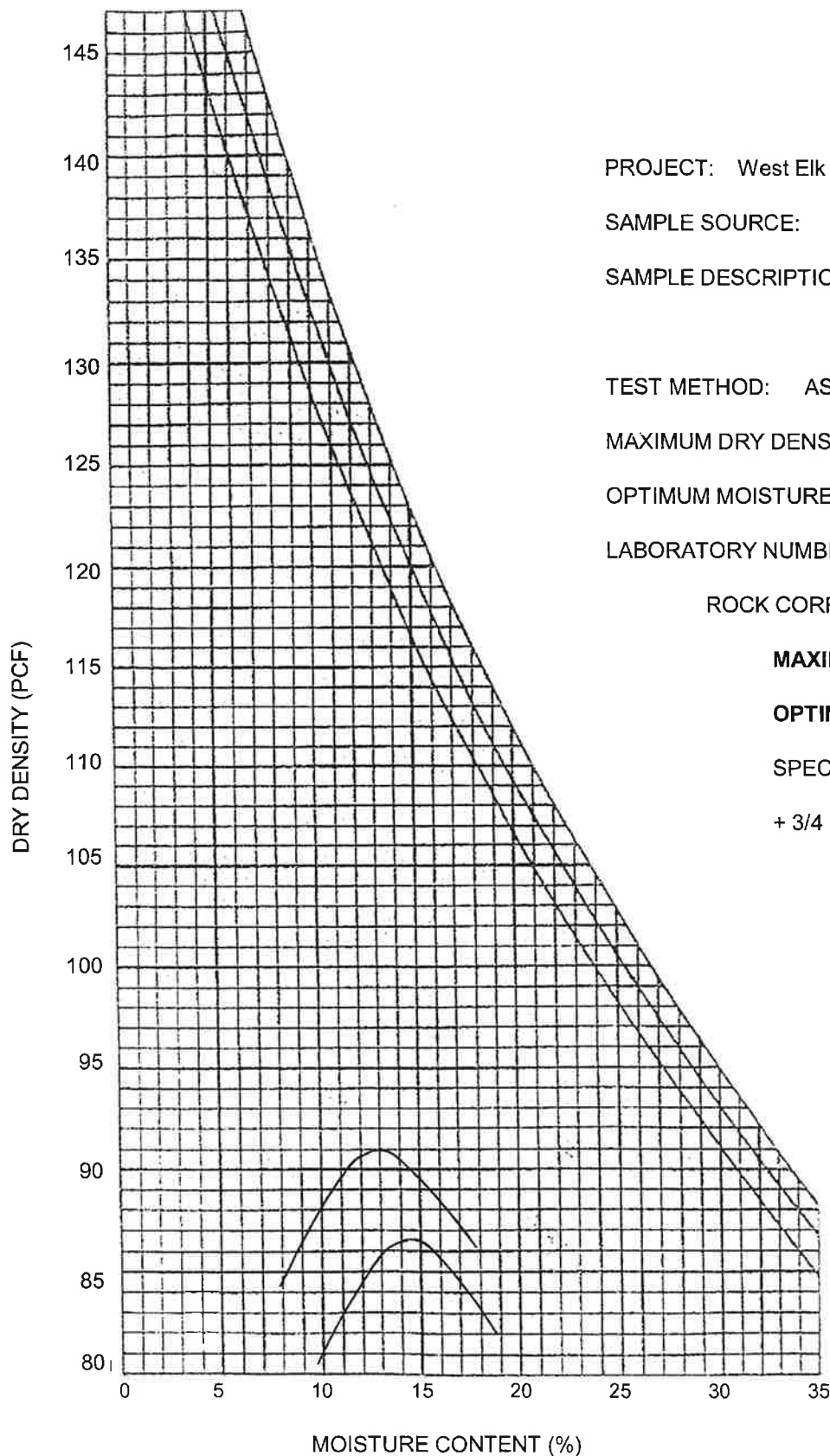
**NUCLEAR GAUGE USED:** 16

|    | TEST LOCATION   | DEPTH OR<br>ELEVATION | PROBE<br>DEPTH<br>(IN) | LABORATORY<br>PROCTOR<br>DENSITY<br>(PCF) | OPTIMUM<br>MOISTURE<br>CONTENT<br>(%) | DRY<br>DENSITY<br>(PCF) | MOISTURE<br>CONTENT<br>(%) | RELATIVE<br>COMPACTION<br>(%) | SOIL TYPE       |
|----|-----------------|-----------------------|------------------------|-------------------------------------------|---------------------------------------|-------------------------|----------------------------|-------------------------------|-----------------|
| 29 | RPEE, stake # 1 |                       | 8"                     | 91.0                                      | 13.0                                  | 90.5                    | 17.6                       | 99                            | Coal gob, black |
| 30 | RPEE, stake # 2 |                       | 8"                     | 91.0                                      | 13.0                                  | 98.2                    | 12.3                       | 100                           | Coal gob, black |
| 31 | RPEE, stake # 3 |                       | 8"                     | 91.0                                      | 13.0                                  | 91.6                    | 13.0                       | 100                           | Coal gob, black |
| 32 | RPEE, stake # 4 |                       | 8"                     | 91.0                                      | 13.0                                  | 92.0                    | 11.0                       | 100                           | Coal gob, black |
| 33 | RPEE, stake # 5 |                       | 8"                     | 91.0                                      | 13.0                                  | 91.5                    | 16.3                       | 100                           | Coal gob, black |
| 34 | RPEE, stake # 6 |                       | 8"                     | 91.0                                      | 13.0                                  | 95.9                    | 14.2                       | 100                           | Coal gob, black |
| 35 | RPEE, stake # 7 |                       | 8"                     | 91.0                                      | 13.0                                  | 94.6                    | 14.9                       | 100                           | Coal gob, black |
| 36 | RPEE, stake # 8 |                       | 8"                     | 91.0                                      | 13.0                                  | 92.6                    | 11.7                       | 100                           | Coal gob, black |

**REMARKS:** The test results indicate only the density and moisture content for the location and elevation tested only.

**Lambert and Associates**

**PROJECT NUMBER:** M21049MT



PROJECT: West Elk Mine

SAMPLE SOURCE: Somerset, Co

SAMPLE DESCRIPTION: Coal Gob, Black

TEST METHOD: ASTM D698C

MAXIMUM DRY DENSITY: 86.5 pcf

OPTIMUM MOISTURE CONTENT: 14.5 %

LABORATORY NUMBER: 4233

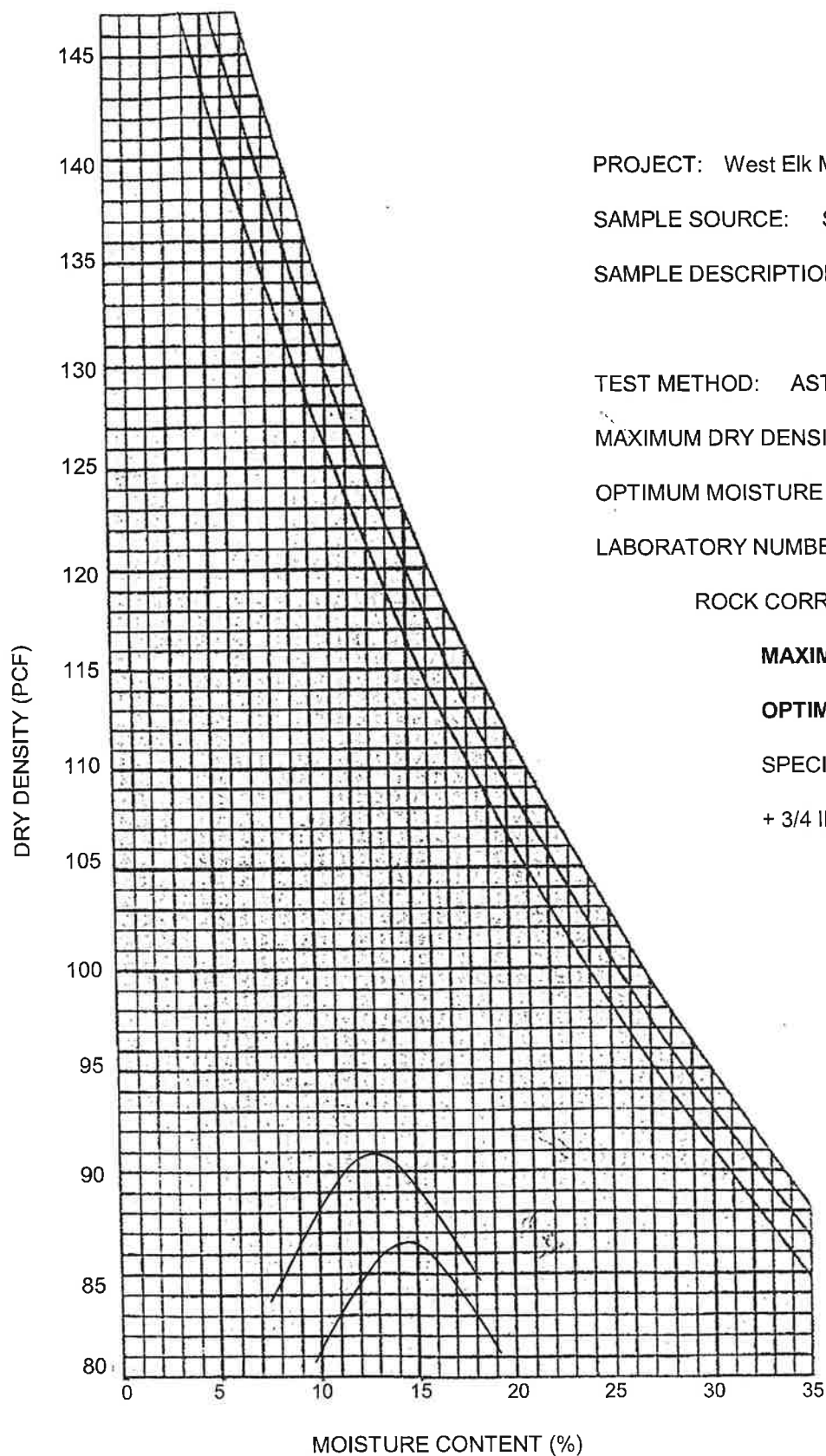
ROCK CORRECTION:

**MAXIMUM DRY DENSITY: 91.0 pcf**

**OPTIMUM MOISTURE CONTENT: 13.0%**

SPECIFIC GRAVITY: 1.85

+ 3/4 INCH = 19.6 % TOTAL WEIGHT



PROJECT: West Elk Mine

SAMPLE SOURCE: Somerset, Co

SAMPLE DESCRIPTION: Coal Gob, Black

TEST METHOD: ASTM D1557C

MAXIMUM DRY DENSITY: 86.5 pcf

OPTIMUM MOISTURE CONTENT: 14.5 %

LABORATORY NUMBER: 4233

ROCK CORRECTION:

MAXIMUM DRY DENSITY: 91.0 pcf

OPTIMUM MOISTURE CONTENT: 13.0%

SPECIFIC GRAVITY: 1.85

+ 3/4 INCH = 19.6 % TOTAL WEIGHT

2.8  
2.7  
2.6  
Zero Air Voids for  
Specific Gravity

Lambert and Associates

Project No. M21049MT

Date: July 7, 2021

Figure: 1

**RELATIVE COMPACTION TEST RESULTS**

**PROJECT:** West Elk Mine RPEE 2021

**PROJECT NUMBER:** M21049MT

**DATE:** July 14, 2021

**LOCATION:** Somerset, CO

**ENGINEERING TECHNICIAN:** Derrick Hayes

**CLIENT:** Mountain Coal Company

**NUCLEAR GAUGE USED:** 16

|    | TEST LOCATION   | DEPTH OR<br>ELEVATION | PROBE<br>DEPTH<br>(IN) | LABORATORY<br>PROCTOR<br>DENSITY<br>(PCF) | OPTIMUM<br>MOISTURE<br>CONTENT<br>(%) | DRY<br>DENSITY<br>(PCF) | MOISTURE<br>CONTENT<br>(%) | RELATIVE<br>COMPACTION<br>(%) | SOIL TYPE       |
|----|-----------------|-----------------------|------------------------|-------------------------------------------|---------------------------------------|-------------------------|----------------------------|-------------------------------|-----------------|
| 37 | RPEE, stake # 1 |                       | 8"                     | 91.0                                      | 13.0                                  | 99.6                    | 11.9                       | 100                           | Coal gob, black |
| 38 | RPEE, stake # 2 |                       | 8"                     | 91.0                                      | 13.0                                  | 98.9                    | 11.1                       | 100                           | Coal gob, black |
| 39 | RPEE, stake # 3 |                       | 8"                     | 91.0                                      | 13.0                                  | 99.4                    | 12.0                       | 100                           | Coal gob, black |
| 40 | RPEE, stake # 4 |                       | 8"                     | 91.0                                      | 13.0                                  | 96.7                    | 12.6                       | 100                           | Coal gob, black |
| 41 | RPEE, stake # 5 |                       | 8"                     | 91.0                                      | 13.0                                  | 96.3                    | 11.1                       | 100                           | Coal gob, black |
| 42 | RPEE, stake # 6 |                       | 8"                     | 91.0                                      | 13.0                                  | 95.2                    | 10.1                       | 100                           | Coal gob, black |

**REMARKS:** The test results indicate only the density and moisture content for the location and elevation tested only.

**Lambert and Associates**

**PROJECT NUMBER:** M21049MT

**RELATIVE COMPACTION TEST RESULTS**

**PROJECT:** West Elk Mine RPEE 2021

**PROJECT NUMBER:** M21049MT

**DATE:** July 21, 2021

**LOCATION:** Somerset, CO

**ENGINEERING TECHNICIAN:** Derrick Hayes

**CLIENT:** Mountain Coal Company

**NUCLEAR GAUGE USED:** 16

|    | TEST LOCATION   | DEPTH OR<br>ELEVATION | PROBE<br>DEPTH<br>(IN) | LABORATORY<br>PROCTOR<br>DENSITY<br>(PCF) | OPTIMUM<br>MOISTURE<br>CONTENT<br>(%) | DRY<br>DENSITY<br>(PCF) | MOISTURE<br>CONTENT<br>(%) | RELATIVE<br>COMPACTION<br>(%) | SOIL TYPE       |
|----|-----------------|-----------------------|------------------------|-------------------------------------------|---------------------------------------|-------------------------|----------------------------|-------------------------------|-----------------|
| 43 | RPEE, stake # 1 |                       | 8"                     | 91.0                                      | 13.0                                  | 92.9                    | 12.3                       | 100                           | Coal gob, black |
| 44 | RPEE, stake # 2 |                       | 8"                     | 91.0                                      | 13.0                                  | 89.4                    | 13.0                       | 98                            | Coal gob, black |
| 45 | RPEE, stake # 3 |                       | 8"                     | 91.0                                      | 13.0                                  | 88.7                    | 11.7                       | 97                            | Coal gob, black |
| 46 | RPEE, stake # 4 |                       | 8"                     | 91.0                                      | 13.0                                  | 90.1                    | 13.6                       | 99                            | Coal gob, black |
| 47 | RPEE, stake # 5 |                       | 8"                     | 91.0                                      | 13.0                                  | 91.4                    | 13.0                       | 100                           | Coal gob, black |

**REMARKS:** The test results indicate only the density and moisture content for the location and elevation tested only.

**Lambert and Associates**

**PROJECT NUMBER: M21049MT**

**RELATIVE COMPACTION TEST RESULTS**

**PROJECT:** West Elk Mine RPEE 2021

**PROJECT NUMBER:** M21049MT

**DATE:** July 30, 2021

**LOCATION:** Somerset, CO

**ENGINEERING TECHNICIAN:** Al Woods

**CLIENT:** Mountain Coal Company

**NUCLEAR GAUGE USED:** 14

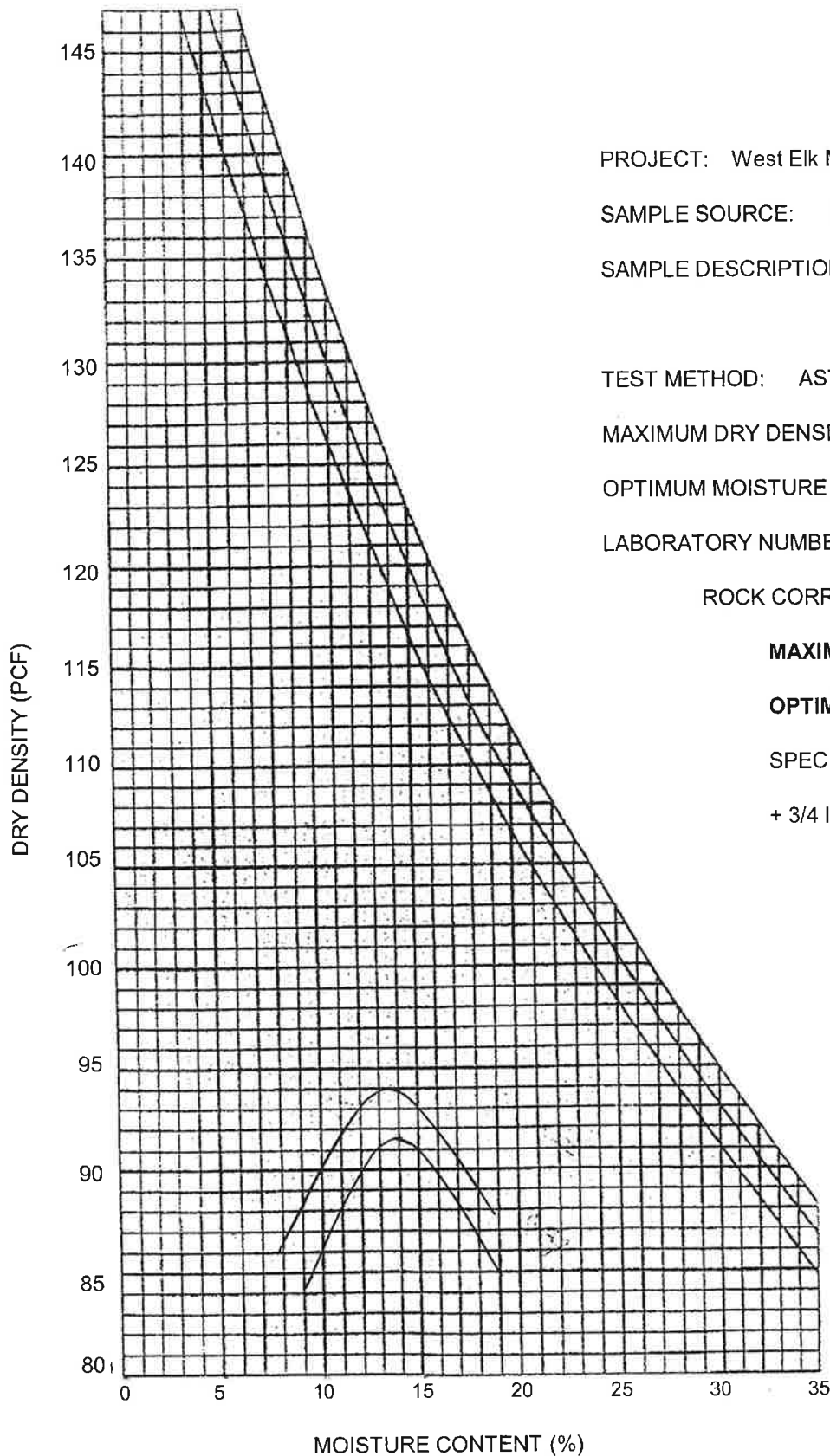
|    | TEST LOCATION   | DEPTH OR<br>ELEVATION | PROBE<br>DEPTH<br>(IN) | LABORATORY<br>PROCTOR<br>DENSITY<br>(PCF) | OPTIMUM<br>MOISTURE<br>CONTENT<br>(%) | DRY<br>DENSITY<br>(PCF) | MOISTURE<br>CONTENT<br>(%) | RELATIVE<br>COMPACTION<br>(%) | SOIL TYPE       |
|----|-----------------|-----------------------|------------------------|-------------------------------------------|---------------------------------------|-------------------------|----------------------------|-------------------------------|-----------------|
| 48 | RPEE, stake # 1 |                       | 8"                     | 91.0                                      | 13.0                                  | 94.6                    | 11.9                       | 100                           | Coal gob, black |
| 49 | RPEE, stake # 2 |                       | 8"                     | 91.0                                      | 13.0                                  | 90.6                    | 11.2                       | 100                           | Coal gob, black |
| 50 | RPEE, stake # 3 |                       | 8"                     | 91.0                                      | 13.0                                  | 89.2                    | 14.7                       | 98                            | Coal gob, black |
| 51 | RPEE, stake # 4 |                       | 8"                     | 91.0                                      | 13.0                                  | 88.6                    | 11.8                       | 97                            | Coal gob, black |
| 52 | RPEE, stake # 5 |                       | 8"                     | 91.0                                      | 13.0                                  | 88.9                    | 13.5                       | 98                            | Coal gob, black |
| 53 | RPEE, stake # 6 |                       | 8"                     | 91.0                                      | 13.0                                  | 94.0                    | 10.0                       | 100                           | Coal gob, black |

**REMARKS:** The test results indicate only the density and moisture content for the location and elevation tested only.

**Lambert and Associates**

**PROJECT NUMBER:** M21049MT





PROJECT: West Elk Mine

SAMPLE SOURCE: Somerset, Co

SAMPLE DESCRIPTION: Coal Gob, Black

TEST METHOD: ASTM D698C

MAXIMUM DRY DENSITY: 91.5 pcf

OPTIMUM MOISTURE CONTENT: 14.0 %

LABORATORY NUMBER: 4265

ROCK CORRECTION:

**MAXIMUM DRY DENSITY: 94.0 pcf**

**OPTIMUM MOISTURE CONTENT: 13.5%**

SPECIFIC GRAVITY: 1.77

+ 3/4 INCH = 14.4 % TOTAL WEIGHT

**RELATIVE COMPACTION TEST RESULTS**

**PROJECT:** West Elk Mine RPEE 2021

**PROJECT NUMBER:** M21049MT

**DATE:** August 6, 2021

**LOCATION:** Somerset, CO

**ENGINEERING TECHNICIAN:** Al Woods

**CLIENT:** Mountain Coal Company

**NUCLEAR GAUGE USED:** 14

|    | TEST LOCATION   | DEPTH OR<br>ELEVATION | PROBE<br>DEPTH<br>(IN) | LABORATORY<br>PROCTOR<br>DENSITY<br>(PCF) | OPTIMUM<br>MOISTURE<br>CONTENT<br>(%) | DRY<br>DENSITY<br>(PCF) | MOISTURE<br>CONTENT<br>(%) | RELATIVE<br>COMPACTION<br>(%) | SOIL TYPE       |
|----|-----------------|-----------------------|------------------------|-------------------------------------------|---------------------------------------|-------------------------|----------------------------|-------------------------------|-----------------|
| 54 | RPEE, stake # 1 |                       | 6"                     | 94.0                                      | 13.5                                  | 89.3                    | 7.5                        | 95                            | Coal gob, black |
| 55 | RPEE, stake # 2 |                       | 6"                     | 94.0                                      | 13.5                                  | 91.5                    | 11.5                       | 97                            | Coal gob, black |
| 56 | RPEE, stake # 3 |                       | 6"                     | 94.0                                      | 13.5                                  | 89.3                    | 9.1                        | 95                            | Coal gob, black |
| 57 | RPEE, stake # 4 |                       | 6"                     | 94.0                                      | 13.5                                  | 93.5                    | 8.0                        | 99                            | Coal gob, black |
| 58 | RPEE, stake # 5 |                       | 6"                     | 94.0                                      | 13.5                                  | 100.2                   | 8.6                        | 100                           | Coal gob, black |

**REMARKS:** The test results indicate only the density and moisture content for the location and elevation tested only.

**RELATIVE COMPACTION TEST RESULTS**

**PROJECT:** West Elk Mine RPEE 2021

**PROJECT NUMBER:** M21049MT

**DATE:** August 18, 2021

**LOCATION:** Somerset, CO

**ENGINEERING TECHNICIAN:** Al Woods

**CLIENT:** Mountain Coal Company

**NUCLEAR GAUGE USED:** 14

|    | TEST LOCATION   | DEPTH OR<br>ELEVATION | PROBE<br>DEPTH<br>(IN) | LABORATORY<br>PROCTOR<br>DENSITY<br>(PCF) | OPTIMUM<br>MOISTURE<br>CONTENT<br>(%) | DRY<br>DENSITY<br>(PCF) | MOISTURE<br>CONTENT<br>(%) | RELATIVE<br>COMPACTION<br>(%) | SOIL TYPE       |
|----|-----------------|-----------------------|------------------------|-------------------------------------------|---------------------------------------|-------------------------|----------------------------|-------------------------------|-----------------|
| 59 | RPEE, stake # 1 |                       | 8"                     | 94.0                                      | 13.5                                  | 92.3                    | 8.7                        | 98                            | Coal gob, black |
| 60 | RPEE, stake # 2 |                       | 8"                     | 94.0                                      | 13.5                                  | 92.7                    | 6.5                        | 99                            | Coal gob, black |
| 61 | RPEE, stake # 3 |                       | 8"                     | 94.0                                      | 13.5                                  | 91.9                    | 6.8                        | 98                            | Coal gob, black |
| 62 | RPEE, stake # 4 |                       | 8"                     | 94.0                                      | 13.5                                  | 102.4                   | 5.6                        | 100                           | Coal gob, black |
| 63 | RPEE, stake # 5 |                       | 8"                     | 94.0                                      | 13.5                                  | 94.5                    | 8.4                        | 100                           | Coal gob, black |

**REMARKS:** The test results indicate only the density and moisture content for the location and elevation tested only.

**Lambert and Associates**

**PROJECT NUMBER:** M21049MT

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

9/23/2021

3rd 2021

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>             |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |

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

Date \_\_\_\_\_  
Topsoil pile by ST 1-3 \_\_\_\_\_  
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  |          |
| 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  |          |
| Cracks or Settling                 |          | X  |             | X  |         | X  |          |
| Seepage                            |          | X  |             | X  |         | X  |          |
| Monitoring-Visual                  |          | 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  |          |
| Other                              |          | X  |             | X  |         | X  |          |
| <b>Additional Comments:</b>        |          |    |             |    |         |    |          |
|                                    |          |    |             |    |         |    |          |
|                                    |          |    |             |    |         |    |          |
|                                    |          |    |             |    |         |    |          |
| Action Required or Needed:         |          |    |             |    |         |    |          |
|                                    |          |    |             |    |         |    |          |
|                                    |          |    |             |    |         |    |          |
|                                    |          |    |             |    |         |    |          |
|                                    |          |    |             |    |         |    |          |

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

9/23/2021  
 Date  
 General Mine Site  
 Location

3rd 2021  
 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  |          |
| 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>                                              |          |    |             |    |         |    |          |
| Roads were damp and had just been graded. Dry weather, no sign of slides |          |    |             |    |         |    |          |
|                                                                          |          |    |             |    |         |    |          |
| Action Required or Needed:                                               |          |    |             |    |         |    |          |
|                                                                          |          |    |             |    |         |    |          |
|                                                                          |          |    |             |    |         |    |          |
|                                                                          |          |    |             |    |         |    |          |

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

9/23/2021  
 Date  
 Material Storage Bench, Topsoil Pile #5  
 Location

3rd 2021  
 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  |          |
| 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>                 |          |    |             |    |         |    |          |
| Dry Weather, no sign of more sliding on MSB |          |    |             |    |         |    |          |
|                                             |          |    |             |    |         |    |          |
|                                             |          |    |             |    |         |    |          |
| Action Required or Needed:                  |          |    |             |    |         |    |          |
|                                             |          |    |             |    |         |    |          |
|                                             |          |    |             |    |         |    |          |

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

9/23/2021  
 Date  
 RPE & RPEE  
 Location

3rd 2021  
 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  |                      |
| 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  |                      |
| 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  |                      |
| <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       |    | Signs needs replaced |
| Spontaneous Combustion                                                                                                                  |          | X                             |             | X  |         | X  |                      |
| Roads                                                                                                                                   |          | X                             |             | X  |         | X  |                      |
| Other                                                                                                                                   |          | X                             |             | X  |         | X  |                      |
| <b>Additional Comments:</b>                                                                                                             |          |                               |             |    |         |    |                      |
| Property signs need replaced. 1st attempt to fix the address and phone number failed. Sign is too worn to hold stickers. Need new signs |          |                               |             |    |         |    |                      |
| <b>Action Required or Needed:</b>                                                                                                       |          | Will work on getting approval |             |    |         |    |                      |
|                                                                                                                                         |          |                               |             |    |         |    |                      |
|                                                                                                                                         |          |                               |             |    |         |    |                      |



9/29/2021

---

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  |              |
| 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       |    | See comments |
| <b>Additional Comments:</b>                                                                           |          |    |             |    |         |    |              |
| Straw pile that couldn't fit in the dumpster was brought to Bob's attention and was picked up 9-24-21 |          |    |             |    |         |    |              |
| Straw was picked up on 9/29/21                                                                        |          |    |             |    |         |    |              |
|                                                                                                       |          |    |             |    |         |    |              |
|                                                                                                       |          |    |             |    |         |    |              |
|                                                                                                       |          |    |             |    |         |    |              |
| Action Required or Needed:                                                                            |          |    |             |    |         |    |              |
|                                                                                                       |          |    |             |    |         |    |              |
|                                                                                                       |          |    |             |    |         |    |              |
|                                                                                                       |          |    |             |    |         |    |              |

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

9/23/2021

3rd 2021

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  |          |
| 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>                   |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
| Action Required or Needed:                    |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |

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

9/23/2021  
Date  
Lower Refuse Pile (Prep Plant)  
Location

3rd 2021  
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  |                        |
| 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  |                        |
| 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  |                        |
| <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       |    | Need new property sign |
| Spontaneous                                                                                                                             |          | X                           |             | X  |         | X  |                        |
| Roads                                                                                                                                   |          | X                           |             | X  |         | X  |                        |
| Other                                                                                                                                   |          | X                           |             | X  |         | X  |                        |
| <b>Additional Comments:</b>                                                                                                             |          |                             |             |    |         |    |                        |
| Property signs need replaced. 1st attempt to fix the address and phone number failed. Sign is too worn to hold stickers. Need new signs |          |                             |             |    |         |    |                        |
| <b>Action Required or Needed:</b>                                                                                                       |          | Working on getting approval |             |    |         |    |                        |
|                                                                                                                                         |          |                             |             |    |         |    |                        |
|                                                                                                                                         |          |                             |             |    |         |    |                        |

9/29/2021

---

Date

Upper Sly Gulch Road

---

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  |          |
| 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>                   |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
| Action Required or Needed:                    |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |
|                                               |          |    |             |    |         |    |          |

|                                             |              |
|---------------------------------------------|--------------|
| 9/29/2021                                   | 3rd 2021     |
| Date                                        | Quarter/Year |
| Deer Creek Shaft & Monument Dam Borrow Area | 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  |                            |
| 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  | Added AIRS ID sign to gate |
| 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 Pond Inspection Report  
Somerset, Colorado Gunnison County

9/23/2021

Date

3rd 2021

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.) | 95%         | <5%      | 5%       | 10%      | 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

9/23/2021

3rd 2021

Date

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%      | 25%      | 15%        | 15%        |
| 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>         | Surface notified that MB-4's sediment trap needs cleaned                                                                                                                                                                            |    |               |    |           |    |          |