

## DMR Copy of Record

### Permit

|                           |                         |                           |                                       |                           |                                                 |
|---------------------------|-------------------------|---------------------------|---------------------------------------|---------------------------|-------------------------------------------------|
| <b>Permit #:</b>          | CO0038776               | <b>Permittee:</b>         | Mountain Coal Co LLC                  | <b>Facility:</b>          | WEST ELK MINE                                   |
| <b>Major:</b>             | No                      | <b>Permittee Address:</b> | 5174 Hwy 133<br>Somerset, CO 81434    | <b>Facility Location:</b> | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Permitted Feature:</b> | 005<br>External Outfall | <b>Discharge:</b>         | 005-AA<br>Coal Conveyor Runoff (MB-3) |                           |                                                 |

### Report Dates & Status

|                           |                           |                      |          |                |                  |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|
| <b>Monitoring Period:</b> | From 11/01/20 to 11/30/20 | <b>DMR Due Date:</b> | 12/28/20 | <b>Status:</b> | NetDMR Validated |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|

### Considerations for Form Completion

TSS AND TOTAL RECOVERABLE LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 14 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.1.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

### Principal Executive Officer

|                    |  |               |  |                   |  |
|--------------------|--|---------------|--|-------------------|--|
| <b>First Name:</b> |  | <b>Title:</b> |  | <b>Telephone:</b> |  |
| <b>Last Name:</b>  |  |               |  |                   |  |

### No Data Indicator (NODI)

Form NODI: -

| Code  | Parameter                    | Monitoring Location | Season | # Param. NODI | Sample Permit Req. Value NODI | Quantity or Loading |         |             |         | Quality or Concentration |                                 |         |                                      |                                      |                                     | # of Ex.                | Frequency of Analysis | Sample Type |
|-------|------------------------------|---------------------|--------|---------------|-------------------------------|---------------------|---------|-------------|---------|--------------------------|---------------------------------|---------|--------------------------------------|--------------------------------------|-------------------------------------|-------------------------|-----------------------|-------------|
|       | Name                         |                     |        |               |                               | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units                    | Qualifier 1                     | Value 1 | Qualifier 2                          | Value 2                              | Qualifier 3                         |                         |                       |             |
| 00094 | Conductivity                 | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 |         |                                      | Req Mon 30DA AVG<br>C - No Discharge | 78 - dS/m                           | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00400 | pH                           | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         | >=                       | 6.5 MINIMUM<br>C - No Discharge |         |                                      | <=                                   | 9.0 MAXIMUM<br>C - No Discharge     | 12 - SU                 | 01/30 - Monthly       | GR - GRAB   |
| 00440 | Bicarbonate ion - [as HCO3]  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 |         | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 19 - mg/L                           | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00530 | Solids, total suspended      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 | <=      | 35.0 30DA AVG<br>C - No Discharge    | <=                                   | 70.0 DAILY MX<br>C - No Discharge   | 19 - mg/L               | 01/30 - Monthly       | GR - GRAB   |
| 00918 | Calcium, total recoverable   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 |         | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 19 - mg/L                           | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00921 | Magnesium, total recoverable | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 |         | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 19 - mg/L                           | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00923 | Sodium, total recoverable    | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 |         | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 19 - mg/L                           | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00931 | Sodium adsorption ratio      | EG - Effluent Gross | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 |         | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 1U - Ratio                          | 02/30 - Twice Per Month | CA - CALCTD           |             |
| 00931 | Sodium adsorption ratio      | P - See Comments    | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 |         | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 1U - Ratio                          | 02/30 - Twice Per Month | CA - CALCTD           |             |
| 00940 | Chloride [as Cl]             | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 |         | Req Mon 30DA AVG<br>C - No Discharge |                                      | 19 - mg/L                           | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00978 | Arsenic, total recoverable   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 |         | Req Mon 30DA AVG<br>C - No Discharge |                                      | 28 - ug/L                           | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00980 | Iron, total recoverable      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 | <=      | 3500.0 30DA AVG<br>C - No Discharge  | <=                                   | 7000.0 DAILY MX<br>C - No Discharge | 28 - ug/L               | 01/30 - Monthly       | GR - GRAB   |
| 01046 | Iron, dissolved [as Fe]      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |                          |                                 | <=      | 3297.0 30DA AVG                      |                                      | 28 - ug/L                           | 02/30 - Twice Per Month | GR - GRAB             |             |



If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

NO DISCHARGE

**Attachments**

No attachments.

**Report Last Saved By**

Mountain Coal Co LLC

User: 3WELTBOYS  
Name: Kathleen Welt  
E-Mail: kwelt@archcoal.com  
Date/Time: 2020-12-15 08:23 (Time Zone: -07:00)

**Report Last Signed By**

User: JWILCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archrsc.com  
Date/Time: 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

### Permit

|                    |                         |                    |                                       |                    |                                                 |
|--------------------|-------------------------|--------------------|---------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776               | Permittee:         | Mountain Coal Co LLC                  | Facility:          | WEST ELK MINE                                   |
| Major:             | No                      | Permittee Address: | 5174 Hwy 133<br>Somerset, CO 81434    | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature: | 007<br>Internal Outfall | Discharge:         | 007-A<br>Domestic WWTP Polishing Pond |                    |                                                 |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 11/01/20 to 11/30/20 | DMR Due Date: | 12/28/20 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

### Principal Executive Officer

|             |  |        |  |            |  |
|-------------|--|--------|--|------------|--|
| First Name: |  | Title: |  | Telephone: |  |
|-------------|--|--------|--|------------|--|

Last Name:

No Data Indicator (NODI)

Form NODI:

| Code  | Parameter Name                           | Monitoring Location | Session # | Param. NODI | Quantity or Loading |               |             |                  |           | Quality or Concentration |               |             |                |             | # of Ex.  | Frequency of Analysis | Sample Type          |
|-------|------------------------------------------|---------------------|-----------|-------------|---------------------|---------------|-------------|------------------|-----------|--------------------------|---------------|-------------|----------------|-------------|-----------|-----------------------|----------------------|
|       |                                          |                     |           |             | Qualifier 1         | Value 1       | Qualifier 2 | Value 2          | Units     | Qualifier 1              | Value 1       | Qualifier 2 | Value 2        | Qualifier 3 | Value 3   | Units                 |                      |
| 00310 | BOD, 5-day, 20 deg. C                    | 1 - Effluent Gross  | 0         | --          | Sample              | 0.2105        |             | 0.2105           | 26 - lb/d | <=                       | 4.0           | <           | 4.0            |             | 19 - mg/L | 01/30 - Monthly       | GR - GRAB            |
|       |                                          |                     |           |             | Permit Req.         | 5.0 30DA AVG  |             | Req Mon DAILY MX | 26 - lb/d | <=                       | 30.0 30DA AVG | <=          | 45.0 MX 7D AV  |             | 19 - mg/L | 01/30 - Monthly       | GR - GRAB            |
|       |                                          |                     |           |             | Value NODI          |               |             |                  |           |                          |               |             |                |             |           |                       |                      |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0         | --          | Sample              | 0.2631        |             | 0.2631           | 26 - lb/d | <=                       | 5.0           | <=          | 5.0            |             | 19 - mg/L | 01/07 - Weekly        | GR - GRAB            |
|       |                                          |                     |           |             | Permit Req.         | 12.0 30DA AVG |             | Req Mon DAILY MX | 26 - lb/d | <=                       | 75.0 30DA AVG | <=          | 110.0 MX 7D AV |             | 19 - mg/L | 01/07 - Weekly        | GR - GRAB            |
|       |                                          |                     |           |             | Value NODI          |               |             |                  |           |                          |               |             |                |             |           |                       |                      |
| 00610 | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross  | 0         | --          | Sample              |               |             |                  |           | <=                       | 0.07          | <=          | 0.07           |             | 19 - mg/L | 01/30 - Monthly       | GR - GRAB            |
|       |                                          |                     |           |             | Permit Req.         |               |             |                  |           | <=                       | 85.0 30DA AVG | <=          | 85.0 DAILY MX  |             | 19 - mg/L | 01/30 - Monthly       | GR - GRAB            |
|       |                                          |                     |           |             | Value NODI          |               |             |                  |           |                          |               |             |                |             |           |                       |                      |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0         | --          | Sample              | 0.00631       |             | 0.01359          | 03 - MGD  |                          |               |             |                |             |           | 99-99 - Continuous    | RC - Recorder (auto) |
|       |                                          |                     |           |             | Permit Req.         | 0.02 30DA AVG |             | Req Mon DAILY MX | 03 - MGD  |                          |               |             |                |             |           | 99-99 - Continuous    | RC - Recorder (auto) |
|       |                                          |                     |           |             | Value NODI          |               |             |                  |           |                          |               |             |                |             |           |                       |                      |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

|            |                                      |
|------------|--------------------------------------|
| User:      | 3WELTBOYS                            |
| Name:      | Kathleen Welt                        |
| E-Mail:    | kwell@archcoal.com                   |
| Date/Time: | 2020-12-15 08:24 (Time Zone: -07:00) |

### Report Last Signed By

|            |                                      |
|------------|--------------------------------------|
| User:      | JWILCZEK                             |
| Name:      | Jessica Wilczek                      |
| E-Mail:    | jwilczek@archrsc.com                 |
| Date/Time: | 2020-12-15 10:07 (Time Zone: -07:00) |

## DMR Copy of Record

### Permit

|                    |                         |                    |                                    |                    |                                                 |
|--------------------|-------------------------|--------------------|------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776               | Permittee:         | Mountain Coal Co LLC               | Facility:          | WEST ELK MINE                                   |
| Major:             | No                      | Permittee Address: | 5174 Hwy 133<br>Somerset, CO 81434 | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature: | 008<br>External Outfall | Discharge:         | 008-AA<br>Loadout Runoff (MB4)     |                    |                                                 |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 11/01/20 to 11/30/20 | DMR Due Date: | 12/28/20 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 15 FOR REQUIREMENTS, 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

### Principal Executive Officer

|             |  |        |  |            |  |
|-------------|--|--------|--|------------|--|
| First Name: |  | Title: |  | Telephone: |  |
|-------------|--|--------|--|------------|--|

Last Name:

### No Data Indicator (NODI)

Form NODI: --

| Code  | Parameter                    | Monitoring Location | Season | # Param. NODI | Sample Permit Req. Value NODI | Quantity or Loading |         |             |         |       | Quality or Concentration        |                                      |                                      |         |             | # of Ex.                | Frequency of Analysis | Sample Type |
|-------|------------------------------|---------------------|--------|---------------|-------------------------------|---------------------|---------|-------------|---------|-------|---------------------------------|--------------------------------------|--------------------------------------|---------|-------------|-------------------------|-----------------------|-------------|
|       | Name                         |                     |        |               |                               | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1                     | Value 1                              | Qualifier 2                          | Value 2 | Qualifier 3 |                         |                       |             |
| 00094 | Conductivity                 | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 |                                      | Req Mon 30DA AVG<br>C - No Discharge |         | 78 - dS/m   | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00400 | pH                           | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       | 6.5 MINIMUM<br>C - No Discharge |                                      | 9.0 MAXIMUM<br>C - No Discharge      |         | 12 - SU     | 01/30 - Monthly         | GR - GRAB             |             |
| 00440 | Bicarbonate Ion- [as HCO3]   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 19 - mg/L   | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00530 | Solids, total suspended      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | 35.0 30DA AVG<br>C - No Discharge    | 70.0 DAILY MX<br>C - No Discharge    |         | 19 - mg/L   | 01/30 - Monthly         | GR - GRAB             |             |
| 00818 | Calcium, total recoverable   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 19 - mg/L   | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00921 | Magnesium, total recoverable | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 19 - mg/L   | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00923 | Sodium, total recoverable    | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 19 - mg/L   | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00931 | Sodium adsorption ratio      | EG - Effluent Gross | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 1U - Ratio  | 02/30 - Twice Per Month | CA - CALCTD           |             |
| 00931 | Sodium adsorption ratio      | P - See Comments    | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 1U - Ratio  | 02/30 - Twice Per Month | CA - CALCTD           |             |
| 00940 | Chloride [as Cl]             | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge |                                      |         | 19 - mg/L   | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00978 | Arsenic, total recoverable   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge |                                      |         | 28 - ug/L   | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00980 | Iron, total recoverable      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | 3000.0 30DA AVG<br>C - No Discharge  | 6000.0 DAILY MX<br>C - No Discharge  |         | 28 - ug/L   | 01/30 - Monthly         | GR - GRAB             |             |
| 01046 | Iron, dissolved [as Fe]      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | 3297.0 30DA AVG<br>C - No Discharge  |                                      |         | 28 - ug/L   | 02/30 - Twice Per Month | GR - GRAB             |             |



If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

NO DISCHARGE

**Attachments**

No attachments

**Report Last Saved By**

**Mountain Coal Co LLC**

User: 3WELTBOYS  
Name: Kathleen Well  
E-Mail: kwelt@archcoal.com  
Date/Time: 2020-12-15 08:24 (Time Zone: -07:00)

**Report Last Signed By**

User: JWILCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archrsc.com  
Date/Time: 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

### Permit

|                    |                         |                    |                                           |                    |                                                 |
|--------------------|-------------------------|--------------------|-------------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776               | Permittee:         | Mountain Coal Co LLC                      | Facility:          | WEST ELK MINE                                   |
| Major:             | No                      | Permittee Address: | 5174 Hwy 133<br>Somerset, CO 81434        | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature: | 009<br>External Outfall | Discharge:         | 009-AA<br>Subsoil Stockpile Runoff (MB-5) |                    |                                                 |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 11/01/20 to 11/30/20 | DMR Due Date: | 12/28/20 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 16 FOR REQUIREMENTS, 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD,OIL AND GREASE- SEE I.C.a.

### Principal Executive Officer

|             |  |        |  |            |  |
|-------------|--|--------|--|------------|--|
| First Name: |  | Title: |  | Telephone: |  |
|-------------|--|--------|--|------------|--|

|            |  |  |  |  |  |
|------------|--|--|--|--|--|
| Last Name: |  |  |  |  |  |
|------------|--|--|--|--|--|

### No Data Indicator (NODI)

### Form NODI:

| Parameter |                              | Monitoring Location | Season | # Param. NODI |                               | Quantity or Loading |         |             |         |       | Quality or Concentration        |                                      |                                      |         |             |         | # of Ex                 | Frequency of Analysis | Sample Type |
|-----------|------------------------------|---------------------|--------|---------------|-------------------------------|---------------------|---------|-------------|---------|-------|---------------------------------|--------------------------------------|--------------------------------------|---------|-------------|---------|-------------------------|-----------------------|-------------|
| Code      | Name                         |                     |        |               |                               | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1                     | Value 1                              | Qualifier 2                          | Value 2 | Qualifier 3 | Value 3 |                         |                       |             |
| 00094     | Conductivity                 | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 |                                      | Req Mon 30DA AVG<br>C - No Discharge |         | 78 - dS/m   |         | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00400     | pH                           | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       | 6.5 MINIMUM<br>C - No Discharge |                                      | 9.0 MAXIMUM<br>C - No Discharge      |         | 12 - SU     |         | 01/30 - Monthly         | GR - GRAB             |             |
| 00440     | Bicarbonate ion- [as HCO3]   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 19 - mg/L   |         | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00530     | Solids, total suspended      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | 35.0 30DA AVG<br>C - No Discharge    | 70.0 DAILY MX<br>C - No Discharge    |         | 19 - mg/L   |         | 01/30 - Monthly         | GR - GRAB             |             |
| 00640     | Nitrogen, inorganic total    | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 |                                      | 652.0 DAILY MX<br>C - No Discharge   |         | 19 - mg/L   |         | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00918     | Calcium, total recoverable   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 19 - mg/L   |         | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00921     | Magnesium, total recoverable | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 19 - mg/L   |         | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00923     | Sodium, total recoverable    | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 19 - mg/L   |         | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00931     | Sodium adsorption ratio      | EG - Effluent Gross | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 10 - Ratio  |         | 02/30 - Twice Per Month | CA - CALC/DT          |             |
| 00931     | Sodium adsorption ratio      | P - See Comments    | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge |         | 10 - Ratio  |         | 02/30 - Twice Per Month | CA - CALC/DT          |             |
| 00940     | Chloride [as Cl]             | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge |                                      |         | 19 - mg/L   |         | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00978     | Arsenic, total recoverable   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge |                                      |         | 28 - ug/L   |         | 02/30 - Twice Per Month | GR - GRAB             |             |
| 00980     | Iron, total recoverable      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                                 | 3000.0 30DA AVG<br>C - No Discharge  | 6000.0 DAILY MX<br>C - No Discharge  |         | 28 - ug/L   |         | 01/30 - Monthly         | GR - GRAB             |             |

|       |                                            |                    |   |                               |                                      |                                      |                                                   |
|-------|--------------------------------------------|--------------------|---|-------------------------------|--------------------------------------|--------------------------------------|---------------------------------------------------|
| 01046 | Iron, dissolved [as Fe]                    | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | 3297.0 30DA AVG<br>C - No Discharge  | 28 - ug/L                            | 02/30 - Twice Per Month GR - GRAB                 |
| 01056 | Manganese, dissolved [as Mn]               | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | 28 - ug/L                            | 02/30 - Twice Per Month GR - GRAB                 |
| 01074 | Nickel, total recoverable                  | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | 28 - ug/L                            | 02/30 - Twice Per Month GR - GRAB                 |
| 01114 | Lead, total recoverable                    | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L                            | 02/30 - Twice Per Month GR - GRAB                 |
| 01118 | Chromium, total recoverable                | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L<br>02/30 - Twice Per Month GR - GRAB    |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L<br>02/30 - Twice Per Month GR - GRAB    |
| 01306 | Copper, potentially dissolved              | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L<br>02/30 - Twice Per Month GR - GRAB    |
| 01314 | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | 28 - ug/L                            | 02/30 - Twice Per Month GR - GRAB                 |
| 01318 | Lead, potentially dissolved                | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L<br>02/30 - Twice Per Month GR - GRAB    |
| 01319 | Manganese, potentially dissolved           | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L<br>02/30 - Twice Per Month GR - GRAB    |
| 01322 | Nickel, potentially dissolved              | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L<br>02/30 - Twice Per Month GR - GRAB    |
| 01323 | Selenium, potentially dissolved            | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L<br>02/30 - Twice Per Month GR - GRAB    |
| 03582 | Oil and grease                             | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | 10.0 INST MAX<br>C - No Discharge    | 19 - mg/L                            | 7/7/77 - Contingent GR - GRAB                     |
| 04262 | Chromium, trivalent total recoverable      | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L                            | 02/30 - Twice Per Month GR - GRAB                 |
| 50050 | Flow, in conduit or thru treatment plant   | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | 0.23 30DA AVG<br>C - No Discharge    | Req Mon DAILY MX<br>C - No Discharge | 03 - MGD<br>01/30 - Monthly IN - INSTANT          |
| 50060 | Chlorine, total residual                   | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | 0.5 INST MAX<br>C - No Discharge     | 19 - mg/L                            | 01/30 - Monthly GR - GRAB                         |
| 50286 | Mercury, total [low level]                 | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | 28 - ug/L                            | 02/30 - Twice Per Month GR - GRAB                 |
| 51040 | E. coli                                    | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | 2000.0 30DA GM<br>C - No Discharge   | 4000.0 MX 7D GM<br>C - No Discharge  | 13 - #/100mL<br>02/30 - Twice Per Month GR - GRAB |
| 51202 | Sulfide-hydrogen sulfide [undissociated]   | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | 19 - mg/L                            | 02/30 - Twice Per Month GR - GRAB                 |
| 61020 | Sulfate                                    | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge | 19 - mg/L                            | 02/30 - Twice Per Month GR - GRAB                 |

|       |                       |                    |   |                                     |                                                         |           |                                   |
|-------|-----------------------|--------------------|---|-------------------------------------|---------------------------------------------------------|-----------|-----------------------------------|
| 82057 | Boron, total          | 1 - Effluent Gross | 0 | Sample<br>Permit Req.<br>Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 19 - mg/L | 02/30 - Twice Per Month GR - GRAB |
| 84066 | Oil and grease visual | 1 - Effluent Gross | 0 | Sample<br>Permit Req.<br>Value NODI | Req Mon INST MAX AB - abet=0,prst=1<br>C - No Discharge |           | 01/30 - Monthly VI - VISUAL       |

#### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

#### Edit Check Errors

No errors.

#### Comments

NO DISCHARGE

#### Attachments

No attachments

#### Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS  
 Name: Kathleen Well  
 E-Mail: kwell@archcoal.com  
 Date/Time: 2020-12-15 08:25 (Time Zone: -07:00)

#### Report Last Signed By

User: JWILCZEK  
 Name: Jessica Wilczek  
 E-Mail: jwilczek@archsc.com  
 Date/Time: 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

|                                                                                                                                                                                                                                                                                                   |                           |                           |                                                            |                           |                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|------------------------------------------------------------|---------------------------|------------------------------------------------------------------|
| <b>Permit</b>                                                                                                                                                                                                                                                                                     |                           | <b>Permittee:</b>         |                                                            | <b>Facility:</b>          |                                                                  |
| <b>Permit #:</b>                                                                                                                                                                                                                                                                                  | CO0038776                 | <b>Permittee Address:</b> | Mountain Coal Co LLC<br>5174 Hwy 133<br>Somerset, CO 81434 | <b>Facility Location:</b> | WEST ELK MINE<br>HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Major:</b>                                                                                                                                                                                                                                                                                     | No                        | <b>Discharge:</b>         | 011-AA<br>Mine Water to Sylvester Gulch                    |                           |                                                                  |
| <b>Permitted Feature:</b>                                                                                                                                                                                                                                                                         | 011<br>External Outfall   |                           |                                                            |                           |                                                                  |
| <b>Report Dates &amp; Status</b>                                                                                                                                                                                                                                                                  |                           |                           |                                                            |                           |                                                                  |
| <b>Monitoring Period:</b>                                                                                                                                                                                                                                                                         | From 11/01/20 to 11/30/20 | <b>DMR Due Date:</b>      | 12/28/20                                                   | <b>Status:</b>            | NetDMR Validated                                                 |
| <b>Considerations for Form Completion</b>                                                                                                                                                                                                                                                         |                           |                           |                                                            |                           |                                                                  |
| TSS AND TOTAL RECOVERABLE LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 14 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a, REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P. |                           |                           |                                                            |                           |                                                                  |
| <b>Principal Executive Officer</b>                                                                                                                                                                                                                                                                |                           |                           |                                                            |                           |                                                                  |
| <b>First Name:</b>                                                                                                                                                                                                                                                                                |                           | <b>Title:</b>             |                                                            | <b>Telephone:</b>         |                                                                  |
| <b>Last Name:</b>                                                                                                                                                                                                                                                                                 |                           |                           |                                                            |                           |                                                                  |
| <b>No Data Indicator (NODI)</b>                                                                                                                                                                                                                                                                   |                           |                           |                                                            |                           |                                                                  |
| <b>Form NODI:</b>                                                                                                                                                                                                                                                                                 | --                        |                           |                                                            |                           |                                                                  |

| Code  | Parameter                          | Monitoring Location | Season | # Param, NODI | Quantity or Loading           |         |             |         |       | Quality or Concentration |         |                  |         |                  | # of Ex.   | Frequency of Analysis   | Sample Type          |
|-------|------------------------------------|---------------------|--------|---------------|-------------------------------|---------|-------------|---------|-------|--------------------------|---------|------------------|---------|------------------|------------|-------------------------|----------------------|
|       | Name                               |                     |        |               | Qualifier 1                   | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1              | Value 1 | Qualifier 2      | Value 2 | Qualifier 3      | Value 3    | Units                   |                      |
| 00010 | Temperature, water deg. centigrade | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | Req Mon MX WK AV |         | Req Mon DAILY MX | 04 - deg C | 95/99 - Continuous      | RC - Recorder (auto) |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         | C - No Discharge |            |                         |                      |
| 00094 | Conductivity                       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | Req Mon 30DA AVG |         |                  | 78 - dS/m  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         |                  |            |                         |                      |
| 00400 | pH                                 | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       | 6.5 MINIMUM              |         |                  |         | 9.0 MAXIMUM      | 12 - SU    | 01/07 - Weekly          | GR - GRAB            |
|       |                                    |                     |        |               |                               |         |             |         |       | C - No Discharge         |         |                  |         | C - No Discharge |            |                         |                      |
| 00440 | Bicarbonate ion- [as HCO3]         | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | Req Mon 30DA AVG |         | Req Mon DAILY MX | 19 - mg/L  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         | C - No Discharge |            |                         |                      |
| 00530 | Solids, total suspended            | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | 35.0 30DA AVG    |         | 70.0 DAILY MX    | 19 - mg/L  | 01/30 - Monthly         | GR - GRAB            |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         | C - No Discharge |            |                         |                      |
| 00918 | Calcium, total recoverable         | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | Req Mon 30DA AVG |         | Req Mon DAILY MX | 19 - mg/L  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         | C - No Discharge |            |                         |                      |
| 00921 | Magnesium, total recoverable       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | Req Mon 30DA AVG |         | Req Mon DAILY MX | 19 - mg/L  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         | C - No Discharge |            |                         |                      |
| 00923 | Sodium, total recoverable          | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | Req Mon 30DA AVG |         | Req Mon DAILY MX | 19 - mg/L  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         | C - No Discharge |            |                         |                      |
| 00931 | Sodium adsorption ratio            | EG - Effluent Gross | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | Req Mon 30DA AVG |         | Req Mon DAILY MX | 1U - Ratio | 02/30 - Twice Per Month | CA - CALC TO         |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         | C - No Discharge |            |                         |                      |
| 00931 | Sodium adsorption ratio            | P - See Comments    | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | Req Mon 30DA AVG |         | Req Mon DAILY MX | 1U - Ratio | 02/30 - Twice Per Month | CA - CALC TO         |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         | C - No Discharge |            |                         |                      |
| 00940 | Chloride [as Cl]                   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | Req Mon 30DA AVG |         |                  | 19 - mg/L  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         |                  |            |                         |                      |
| 00978 | Arsenic, total recoverable         | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | Req Mon 30DA AVG |         |                  | 28 - ug/L  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         |                  |            |                         |                      |
| 00980 | Iron, total recoverable            | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |       |                          |         | 1000.0 30DA AVG  |         | 5000.0 DAILY MX  | 28 - ug/L  | 01/30 - Monthly         | GR - GRAB            |
|       |                                    |                     |        |               |                               |         |             |         |       |                          |         | C - No Discharge |         | C - No Discharge |            |                         |                      |

|       |                                           |                    |   |                               | Value NODI                      | C - No Discharge                           |                                   | C - No Discharge |                                   |
|-------|-------------------------------------------|--------------------|---|-------------------------------|---------------------------------|--------------------------------------------|-----------------------------------|------------------|-----------------------------------|
| 01056 | Manganese, dissolved [as Mn]              | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          |                                   | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 01074 | Nickel, total recoverable                 | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          |                                   | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 01114 | Lead, total recoverable                   | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 |                                            | Req Mon DAILY MX C - No Discharge | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 01118 | Chromium, total recoverable               | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          | Req Mon DAILY MX C - No Discharge | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 01303 | Zinc, potentially dissolved               | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          | Req Mon DAILY MX C - No Discharge | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 01306 | Copper, potentially dissolved             | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          | Req Mon DAILY MX C - No Discharge | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 01314 | Chromium, trivalent, potentially dissolvd | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          |                                   | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 01318 | Lead, potentially dissolvd                | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          | Req Mon DAILY MX C - No Discharge | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 01319 | Manganese, potentially dissolvd           | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          | Req Mon DAILY MX C - No Discharge | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 01322 | Nickel, potentially dissolvd              | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          | Req Mon DAILY MX C - No Discharge | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 01323 | Selenium, potentially dissolvd            | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          | Req Mon DAILY MX C - No Discharge | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 03582 | Oil and grease                            | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 |                                            | 10.0 INST MAX C - No Discharge    | 19 - mg/L        | 7/7/77 - Contingent GR - GRAB     |
| 04262 | Chromium, trivalent total recoverable     | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 |                                            | Req Mon DAILY MX C - No Discharge | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 50050 | Flow, in conduit or thru treatment plant  | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | 0.014 30DA AVG C - No Discharge | Req Mon DAILY MX 03 - MGD C - No Discharge |                                   |                  | 01/07 - Weekly IN - INSTAN        |
| 50286 | Mercury, total [low level]                | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          |                                   | 28 - ug/L        | 02/30 - Twice Per Month GR - GRAB |
| 51202 | Sulfide-hydrogen sulfide [undissociated]  | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          |                                   | 19 - mg/L        | 02/30 - Twice Per Month GR - GRAB |
| 51484 | Number of Events                          | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | 10.0 30DA AVG C - No Discharge             | 3.0 7 DA AVG C - No Discharge     | 5J - #           | 01/30 - Monthly CA - CALCTD       |
| 81020 | Sulfate                                   | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          |                                   | 19 - mg/L        | 02/30 - Twice Per Month GR - GRAB |
| 81381 | Duration of discharge                     | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI |                                 | 3.0 7 DA AVG C - No Discharge              |                                   | 5A - d           | 01/07 - Weekly CA - CALCTD        |
|       |                                           |                    |   | Sample Permit Req. Value NODI |                                 | Req Mon 30DA AVG C - No Discharge          |                                   | 19 - mg/L        | 02/30 - Twice Per Month GR - GRAB |



## DMR Copy of Record

### Permit

|                           |                         |                           |                                         |                           |                                                 |
|---------------------------|-------------------------|---------------------------|-----------------------------------------|---------------------------|-------------------------------------------------|
| <b>Permit #:</b>          | CO0038776               | <b>Permittee:</b>         | Mountain Coal Co LLC                    | <b>Facility:</b>          | WEST ELK MINE                                   |
| <b>Major:</b>             | No                      | <b>Permittee Address:</b> | 5174 Hwy 133<br>Somerset, CO 81434      | <b>Facility Location:</b> | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Permitted Feature:</b> | 012<br>External Outfall | <b>Discharge:</b>         | 012-AA<br>Mine Water to Minnesota Creek |                           |                                                 |

### Report Dates & Status

|                           |                           |                      |          |                |                  |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|
| <b>Monitoring Period:</b> | From 11/01/20 to 11/30/20 | <b>DMR Due Date:</b> | 12/28/20 | <b>Status:</b> | NetDMR Validated |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|

### Considerations for Form Completion

TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 15 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

### Principal Executive Officer

|                    |  |               |  |                   |  |
|--------------------|--|---------------|--|-------------------|--|
| <b>First Name:</b> |  | <b>Title:</b> |  | <b>Telephone:</b> |  |
|--------------------|--|---------------|--|-------------------|--|

Last Name:

No Data Indicator (NODI)

Form NODI:

| Code  | Parameter Name                     | Monitoring Location     | Season # | Param. NODI | Sample Permit Req. | Quantity or Loading |         |             |         | Units | Quality or Concentration |                  |             |                  | Units            | # of Ex.   | Frequency of Analysis   | Sample Type          |
|-------|------------------------------------|-------------------------|----------|-------------|--------------------|---------------------|---------|-------------|---------|-------|--------------------------|------------------|-------------|------------------|------------------|------------|-------------------------|----------------------|
|       |                                    |                         |          |             |                    | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 |       | Qualifier 1              | Value 1          | Qualifier 2 | Value 2          |                  |            |                         |                      |
| 00010 | Temperature, water deg. centigrade | Z - Instream Monitoring | 0        |             | Value NODI         |                     |         |             |         |       |                          |                  |             | Req Mon MX WK AV | Req Mon DAILY MX | 04 - deg C | 03/09 - Continuous      | RC - Recorder (Auto) |
|       |                                    |                         |          |             |                    |                     |         |             |         |       |                          |                  |             | C - No Discharge | C - No Discharge |            |                         |                      |
| 00400 | pH                                 | 1 - Effluent Gross      | 0        |             | Value NODI         |                     |         |             |         |       |                          | 6.5 MINIMUM      |             |                  | 9.0 MAXIMUM      | 12 - SU    | 01/07 - Weekly          | GR - GRAB            |
|       |                                    |                         |          |             |                    |                     |         |             |         |       |                          | C - No Discharge |             |                  | C - No Discharge |            |                         |                      |
| 00530 | Solids, total suspended            | 1 - Effluent Gross      | 0        |             | Value NODI         |                     |         |             |         |       |                          | 35.0 30DA AVG    |             |                  | 70.0 DAILY MX    | 18 - mg/L  | 01/30 - Monthly         | GR - GRAB            |
|       |                                    |                         |          |             |                    |                     |         |             |         |       |                          | C - No Discharge |             |                  | C - No Discharge |            |                         |                      |
| 00940 | Chloride [as Cl]                   | 1 - Effluent Gross      | 0        |             | Value NODI         |                     |         |             |         |       |                          | Req Mon 30DA AVG |             |                  |                  | 19 - mg/L  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                         |          |             |                    |                     |         |             |         |       |                          | C - No Discharge |             |                  |                  |            |                         |                      |
| 00978 | Arsenic, total recoverable         | 1 - Effluent Gross      | 0        |             | Value NODI         |                     |         |             |         |       |                          | Req Mon 30DA AVG |             |                  |                  | 28 - ug/L  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                         |          |             |                    |                     |         |             |         |       |                          | C - No Discharge |             |                  |                  |            |                         |                      |
| 00980 | Iron, total recoverable            | 1 - Effluent Gross      | 0        |             | Value NODI         |                     |         |             |         |       |                          | 3500.0 30DA AVG  |             |                  | 7000.0 DAILY MX  | 28 - ug/L  | 01/30 - Monthly         | GR - GRAB            |
|       |                                    |                         |          |             |                    |                     |         |             |         |       |                          | C - No Discharge |             |                  | C - No Discharge |            |                         |                      |
| 01046 | Iron, dissolved [as Fe]            | 1 - Effluent Gross      | 0        |             | Value NODI         |                     |         |             |         |       |                          | Req Mon 30DA AVG |             |                  |                  | 28 - ug/L  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                         |          |             |                    |                     |         |             |         |       |                          | C - No Discharge |             |                  |                  |            |                         |                      |
| 01056 | Manganese, dissolved [as Mn]       | 1 - Effluent Gross      | 0        |             | Value NODI         |                     |         |             |         |       |                          | Req Mon 30DA AVG |             |                  |                  | 28 - ug/L  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                         |          |             |                    |                     |         |             |         |       |                          | C - No Discharge |             |                  |                  |            |                         |                      |
| 01074 | Nickel, total recoverable          | 1 - Effluent Gross      | 0        |             | Value NODI         |                     |         |             |         |       |                          | Req Mon 30DA AVG |             |                  |                  | 28 - ug/L  | 02/30 - Twice Per Month | GR - GRAB            |
|       |                                    |                         |          |             |                    |                     |         |             |         |       |                          | C - No Discharge |             |                  |                  |            |                         |                      |



|       |                                             |                    |   |                                        |                                                                  |              |                            |                                |
|-------|---------------------------------------------|--------------------|---|----------------------------------------|------------------------------------------------------------------|--------------|----------------------------|--------------------------------|
| 51202 | Sulfide-hydrogen sulfide<br>[undissociated] | 1 - Effluent Gross | 0 | Req.<br>Value NODI                     | Req Mon 30DA AVG<br>C - No<br>Discharge                          | 19 - mg/L    | Month                      | GR - GRAB                      |
| 51484 | Number of Events                            | 1 - Effluent Gross | 0 | Sample<br>Permit<br>Req.<br>Value NODI | 10 0 30DA AVG<br>C - No<br>Discharge                             | 3 0 7 DA AVG | 5J - #                     | 01/30 - Monthly<br>CA - CALCTD |
| 81020 | Sulfate                                     | 1 - Effluent Gross | 0 | Sample<br>Permit<br>Req.<br>Value NODI | Req Mon 30DA AVG<br>C - No<br>Discharge                          | 19 - mg/L    | 02/30 - Twice Per<br>Month | GR - GRAB                      |
| 81381 | Duration of discharge                       | 1 - Effluent Gross | 0 | Sample<br>Permit<br>Req.<br>Value NODI | 3 0 7 DA AVG<br>C - No<br>Discharge                              | 5A - d       | 01/07 - Weekly             | CA - CALCTD                    |
| 82057 | Boron, total                                | 1 - Effluent Gross | 0 | Sample<br>Permit<br>Req.<br>Value NODI | Req Mon 30DA AVG<br>C - No<br>Discharge                          | 19 - mg/L    | 02/30 - Twice Per<br>Month | GR - GRAB                      |
| 84066 | Oil and grease visual                       | 1 - Effluent Gross | 0 | Sample<br>Permit<br>Req.<br>Value NODI | Req Mon INST MAX<br>AB -<br>obst=0 prst=1<br>C - No<br>Discharge |              | 01/07 - Weekly             | VI - VISUAL                    |

#### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

#### Edit Check Errors

No errors.

#### Comments

NO DISCHARGE

#### Attachments

No attachments.

#### Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS  
Name: Kathleen Well  
E-Mail: kwell@archcoal.com  
Date/Time: 2020-12-15 08:25 (Time Zone: -07:00)

#### Report Last Signed By

User: JWILCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archrsc.com  
Date/Time: 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

### Permit

|                    |                          |                    |                                              |                    |                                                 |
|--------------------|--------------------------|--------------------|----------------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776                | Permittee:         | Mountain Coal Co LLC                         | Facility:          | WEST ELK MINE                                   |
| Major:             | No                       | Permittee Address: | 5174 Hwy 133<br>Somerset, CO 81434           | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature: | 012A<br>External Outfall | Discharge:         | 012A-W<br>Acute Monthly WET Testing for 012A |                    |                                                 |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 11/01/20 to 11/30/20 | DMR Due Date: | 12/28/20 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

### Principal Executive Officer

|             |  |        |  |            |  |
|-------------|--|--------|--|------------|--|
| First Name: |  | Title: |  | Telephone: |  |
| Last Name:  |  |        |  |            |  |

### No Data Indicator (NODI)

### Form NODI:

| Code  | Parameter Name        | Monitoring Location | Season | # Param. NODI | Quantity or Loading           |         |             | Quality or Concentration |             |                  | # of Ex.       | Frequency of Analysis | Sample Type |
|-------|-----------------------|---------------------|--------|---------------|-------------------------------|---------|-------------|--------------------------|-------------|------------------|----------------|-----------------------|-------------|
|       |                       |                     |        |               | Qualifier 1                   | Value 1 | Qualifier 2 | Value 2                  | Qualifier 3 | Value 3          |                |                       |             |
| 51484 | Number of Events      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         | <           | 10.0 30DA AVG            | <           | 3.0 MX 7D AV     | SJ - #         | 01/30 - Monthly       | CA - CALCTD |
|       |                       |                     |        |               |                               |         |             | C - No Discharge         |             | C - No Discharge |                |                       |             |
| 81381 | Duration of discharge | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         | <           | 3.0 MX 7D AV             |             | 5A - d           | 01/07 - Weekly | CA - CALCTD           |             |
|       |                       |                     |        |               |                               |         |             | C - No Discharge         |             |                  |                |                       |             |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

NO DISCHARGE

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

|            |                                      |
|------------|--------------------------------------|
| User:      | 3WELTBOYS                            |
| Name:      | Kathleen Well                        |
| E-Mail:    | kwell@archcoal.com                   |
| Date/Time: | 2020-12-09 11:28 (Time Zone: -07:00) |

### Report Last Signed By

|            |                                      |
|------------|--------------------------------------|
| User:      | JWILCZEK                             |
| Name:      | Jessica Wilczek                      |
| E-Mail:    | jwilczek@archrsc.com                 |
| Date/Time: | 2020-12-15 10:07 (Time Zone: -07:00) |

## DMR Copy of Record

### Permit

|                    |                         |                    |                                             |                    |                                                 |
|--------------------|-------------------------|--------------------|---------------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776               | Permittee:         | Mountain Coal Co LLC                        | Facility:          | WEST ELK MINE                                   |
| Major:             | No                      | Permittee Address: | 5174 Hwy 133<br>Somersal, CO 81434          | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature: | 014<br>External Outfall | Discharge:         | 014-AA<br>Surface Runoff to Sylvester Gulch |                    |                                                 |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 11/01/20 to 11/30/20 | DMR Due Date: | 12/28/20 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

TSS & TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 21 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

### Principal Executive Officer

|             |  |        |  |            |  |
|-------------|--|--------|--|------------|--|
| First Name: |  | Title: |  | Telephone: |  |
| Last Name:  |  |        |  |            |  |

### No Data Indicator (NODI)

#### Form NODI:

| Code  | Parameter Name                           | Monitoring Location | Season | # Param. NODI | Quantity or Loading           |                                   |             |         |       | Quality or Concentration             |                                     |                                      |         |                                      | # of Ex. |            | Frequency of Analysis | Sample Type          |
|-------|------------------------------------------|---------------------|--------|---------------|-------------------------------|-----------------------------------|-------------|---------|-------|--------------------------------------|-------------------------------------|--------------------------------------|---------|--------------------------------------|----------|------------|-----------------------|----------------------|
|       |                                          |                     |        |               | Qualifier 1                   | Value 1                           | Qualifier 2 | Value 2 | Units | Qualifier 1                          | Value 1                             | Qualifier 2                          | Value 2 | Qualifier 3                          | Value 3  | Units      |                       |                      |
| 00010 | Temperature, water deg. centigrade       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                                   |             |         |       |                                      |                                     | Req Mon MX Wk AV<br>C - No Discharge |         | Req Mon DAILY MX<br>C - No Discharge |          | 04 - deg C | 98/99 - Continuous    | RG - Recorder (auto) |
| 00400 | pH                                       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                                   |             |         |       | 6.5 MINIMUM<br>C - No Discharge      |                                     |                                      |         | 9.0 MAXIMUM<br>C - No Discharge      |          | 12 - SU    | 01/30 - Monthly       | GR - GRAB            |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                                   |             |         |       |                                      | 35.0 30DA AVG<br>C - No Discharge   |                                      |         | 70.0 DAILY MX<br>C - No Discharge    |          | 19 - mg/L  | 01/30 - Monthly       | GR - GRAB            |
| 00980 | Iron, total recoverable                  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                                   |             |         |       |                                      | 3500.0 30DA AVG<br>C - No Discharge |                                      |         | 7000.0 DAILY MX<br>C - No Discharge  |          | 28 - ug/L  | 01/30 - Monthly       | GR - GRAB            |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI | 0.03 30DA AVG<br>C - No Discharge |             |         |       | Req Mon DAILY MX<br>C - No Discharge | 03 - MGD                            |                                      |         |                                      |          |            | 01/30 - Monthly       | IN - INSTAN          |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

NO DISCHARGE

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS  
Name: Kathleen Welt  
E-Mail: kwelt@archcoal.com  
Date/Time: 2020-12-15 08:25 (Time Zone: -07:00)

### Report Last Signed By

User: JWILCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archrsc.com  
Date/Time: 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

|                           |                         |                           |                                                       |                      |                           |                                                 |               |  |
|---------------------------|-------------------------|---------------------------|-------------------------------------------------------|----------------------|---------------------------|-------------------------------------------------|---------------|--|
| <b>Permit</b>             |                         |                           | <b>Permittee:</b>                                     | Mountain Coal Co LLC |                           | <b>Facility:</b>                                | WEST ELK MINE |  |
| <b>Permit #:</b>          | CO0038776               | <b>Permittee Address:</b> | 5174 Hwy 133<br>Somerset, CO 81434                    |                      | <b>Facility Location:</b> | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |               |  |
| <b>Major:</b>             | No                      | <b>Discharge:</b>         | 015-AA<br>Surface Runoff to N. Fork of Gunnison River |                      |                           |                                                 |               |  |
| <b>Permitted Feature:</b> | 015<br>External Outfall |                           |                                                       |                      |                           |                                                 |               |  |

### Report Dates & Status

**Monitoring Period:** From 11/01/20 to 11/30/20 **DMR Due Date:** 12/28/20 **Status:** NetDMR Validated

### Considerations for Form Completion

TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 23 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C. 1.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

### Principal Executive Officer

**First Name:** **Title:** **Telephone:**

**Last Name:**

**No Data Indicator (NODI)**

**Form NODI:** --

| Code  | Parameter Name               | Monitoring Location | Season | # Param. NODI | Sample Permit Req. Value NODI | Quantity or Loading |         |             |         |       | Quality or Concentration |                 |             |                  |             | # of Ex. Frequency of Analysis Sample Type |                                   |                                     |
|-------|------------------------------|---------------------|--------|---------------|-------------------------------|---------------------|---------|-------------|---------|-------|--------------------------|-----------------|-------------|------------------|-------------|--------------------------------------------|-----------------------------------|-------------------------------------|
|       |                              |                     |        |               |                               | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1              | Value 1         | Qualifier 2 | Value 2          | Qualifier 3 | Value 3                                    | Units                             |                                     |
| 00094 | Conductivity                 | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                          |                 |             | Req Mon 30DA AVG |             | 7B - dS/m                                  | 02/30 - Twice Per Month           | GR - GRAB                           |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             |                                            |                                   |                                     |
| 00400 | pH                           | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       | >=                       | 6.5 MINIMUM     |             | <=               | 9.0 MAXIMUM | 12 - SU                                    | 01/30 - Monthly                   | GR - GRAB                           |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             |                                            |                                   |                                     |
| 00440 | Bicarbonate Ion- [as HCO3]   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                          |                 |             | Req Mon 30DA AVG |             | Req Mon DAILY MX                           | 19 - mg/L                         | 02/30 - Twice Per Month GR - GRAB   |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             | C - No Discharge                           |                                   |                                     |
| 00530 | Solids, total suspended      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       | <=                       | 35.0 30DA AVG   | <=          | 70.0 DAILY MX    |             | 19 - mg/L                                  | 01/30 - Monthly                   | GR - GRAB                           |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             | C - No Discharge                           |                                   |                                     |
| 0091R | Calcium, total recoverable   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                          |                 |             | Req Mon 30DA AVG |             | Req Mon DAILY MX                           | 19 - mg/L                         | 02/30 - Twice Per Month GR - GRAB   |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             | C - No Discharge                           |                                   |                                     |
| 00921 | Magnesium, total recoverable | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                          |                 |             | Req Mon 30DA AVG |             | Req Mon DAILY MX                           | 19 - mg/L                         | 02/30 - Twice Per Month GR - GRAB   |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             | C - No Discharge                           |                                   |                                     |
| 00923 | Sodium, total recoverable    | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                          |                 |             | Req Mon 30DA AVG |             | Req Mon DAILY MX                           | 19 - mg/L                         | 02/30 - Twice Per Month GR - GRAB   |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             | C - No Discharge                           |                                   |                                     |
| 00931 | Sodium adsorption ratio      | EG - Effluent Gross | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                          |                 |             | Req Mon 30DA AVG |             | Req Mon DAILY MX                           | 1U - Ratio                        | 02/30 - Twice Per Month CA - CALCTD |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             | C - No Discharge                           |                                   |                                     |
| 00931 | Sodium adsorption ratio      | P - See Comments    | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                          |                 |             | Req Mon 30DA AVG |             | Req Mon DAILY MX                           | 1U - Ratio                        | 02/30 - Twice Per Month CA - CALCTD |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             | C - No Discharge                           |                                   |                                     |
| 00940 | Chloride [as Cl]             | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                          |                 |             | Req Mon 30DA AVG |             |                                            | 19 - mg/L                         | 02/30 - Twice Per Month GR - GRAB   |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             |                                            |                                   |                                     |
| 00978 | Arsenic, total recoverable   | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       |                          |                 |             | Req Mon 30DA AVG |             |                                            | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB   |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             |                                            |                                   |                                     |
| 00980 | Iron, total recoverable      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       | <=                       | 3000.0 30DA AVG | <=          | 6000.0 DAILY MX  |             | 28 - ug/L                                  | 01/30 - Monthly                   | GR - GRAB                           |
|       |                              |                     |        |               |                               |                     |         |             |         |       |                          |                 |             | C - No Discharge |             | C - No Discharge                           |                                   |                                     |
| 01046 | Iron, dissolved [as Fe]      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                     |         |             |         |       | <=                       | 3297.0 30DA AVG |             |                  |             | 28 - ug/L                                  | 02/30 - Twice Per Month GR - GRAB |                                     |

[illegible]

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

NO DISCHARGE

**Attachments**

No attachments.

**Report Last Saved By**

Mountain Coal Co LLC

User: 3WELTBOYS  
Name: Kathleen Welt  
E-Mail: kwell@archcoal.com  
Date/Time: 2020-12-15 08:25 (Time Zone: -07:00)

**Report Last Signed By**

User: JWILCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archrsc.com  
Date/Time: 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

### Permit

|                    |                         |                    |                                    |                    |                                                 |
|--------------------|-------------------------|--------------------|------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776               | Permittee:         | Mountain Coal Co LLC               | Facility:          | WEST ELK MINE                                   |
| Major:             | No                      | Permittee Address: | 5174 Hwy 133<br>Somerset, CO 81434 | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature: | 017<br>External Outfall | Discharge:         | 017-AA<br>Mine Water & MWT         |                    |                                                 |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 11/01/20 to 11/30/20 | DMR Due Date: | 12/28/20 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 15 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

### Principal Executive Officer

|             |  |        |  |            |  |
|-------------|--|--------|--|------------|--|
| First Name: |  | Title: |  | Telephone: |  |
| Last Name:  |  |        |  |            |  |

### No Data Indicator (NODI)

### Form NODI:

| Code  | Parameter Name                     | Monitoring Location | Season # | Param. NODI | Qualifier 1                   | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1                     | Value 1                              | Qualifier 2                          | Value 2                             | Qualifier 3                          | Value 3         | Units      | # of Ex. | Frequency of Analysis | Sample Type          |
|-------|------------------------------------|---------------------|----------|-------------|-------------------------------|---------|-------------|---------|-------|---------------------------------|--------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|-----------------|------------|----------|-----------------------|----------------------|
| 00010 | Temperature, water deg. centigrade | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 |                                      | Req Mon MX WK AV<br>C - No Discharge |                                     | Req Mon DAILY MX<br>C - No Discharge |                 | 04 - deg C | 99/95    | Continuous            | RC - Recorder (auto) |
| 00094 | Conductivity                       | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 | Req Mon 30DA AVG<br>C - No Discharge |                                      |                                     |                                      |                 | 78 - dS/m  | 02/30    | Twice Per Month       | GR - GRAB            |
| 00400 | pH                                 | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |         |             |         | >=    | 6.5 MINIMUM<br>C - No Discharge |                                      | <=                                   |                                     | 9.0 MAXIMUM<br>C - No Discharge      |                 | 12 - SU    | 01/07    | Weekly                | GR - GRAB            |
| 00440 | Bicarbonate ion- [as HCO3]         | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 |                                      | Req Mon 30DA AVG<br>C - No Discharge |                                     | Req Mon DAILY MX<br>C - No Discharge |                 | 19 - mg/L  | 02/30    | Twice Per Month       | GR - GRAB            |
| 00530 | Solids, total suspended            | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 | <=                                   | 35.0 30DA AVG<br>C - No Discharge    | <=                                  | 70.0 DAILY MX<br>C - No Discharge    |                 | 19 - mg/L  | 01/30    | Monthly               | GR - GRAB            |
| 00918 | Calcium, total recoverable         | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 |                                      | Req Mon 30DA AVG<br>C - No Discharge |                                     | Req Mon DAILY MX<br>C - No Discharge |                 | 19 - mg/L  | 02/30    | Twice Per Month       | GR - GRAB            |
| 00921 | Magnesium, total recoverable       | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 |                                      | Req Mon 30DA AVG<br>C - No Discharge |                                     | Req Mon DAILY MX<br>C - No Discharge |                 | 19 - mg/L  | 02/30    | Twice Per Month       | GR - GRAB            |
| 00923 | Sodium, total recoverable          | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 |                                      | Req Mon 30DA AVG<br>C - No Discharge |                                     | Req Mon DAILY MX<br>C - No Discharge |                 | 19 - mg/L  | 02/30    | Twice Per Month       | GR - GRAB            |
| 00931 | Sodium adsorption ratio            | EG - Effluent Gross | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 |                                      | Req Mon 30DA AVG<br>C - No Discharge |                                     | Req Mon DAILY MX<br>C - No Discharge |                 | 1U - Ratio | 02/30    | Twice Per Month       | CA - CALCTD          |
| 00931 | Sodium adsorption ratio            | P - See Comments    | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 |                                      | Req Mon 30DA AVG<br>C - No Discharge |                                     | Req Mon DAILY MX<br>C - No Discharge |                 | 1U - Ratio | 02/30    | Twice Per Month       | CA - CALCTD          |
| 00940 | Chloride [as Cl]                   | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 |                                      | Req Mon 30DA AVG<br>C - No Discharge |                                     |                                      |                 | 19 - mg/L  | 02/30    | Twice Per Month       | GR - GRAB            |
| 00978 | Arsenic, total recoverable         | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 |                                      | <=                                   | 100.0 30DA AVG<br>C - No Discharge  |                                      |                 | 28 - ug/L  | 02/30    | Twice Per Month       | GR - GRAB            |
| 00980 | Iron, total recoverable            | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |         |             |         |       |                                 |                                      | <=                                   | 1000.0 30DA AVG<br>C - No Discharge | <=                                   | 6000.0 DAILY MX | 28 - ug/L  | 01/30    | Monthly               | GR - GRAB            |

|       |                                          |                    |   |    |                                    |                                   |                                                         |  |                                      |                                      |                                   |                                   |
|-------|------------------------------------------|--------------------|---|----|------------------------------------|-----------------------------------|---------------------------------------------------------|--|--------------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|
|       |                                          |                    |   |    | Value NODI                         |                                   |                                                         |  | C - No Discharge                     | C - No Discharge                     |                                   |                                   |
| 01056 | Manganese, dissolved [as Mn]             | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | 28 - ug/L                            | 02/30 - Twice Per Month GR - GRAB |                                   |
| 01074 | Nickel, total recoverable                | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | 28 - ug/L                            | 02/30 - Twice Per Month GR - GRAB |                                   |
| 01114 | Lead, total recoverable                  | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  |                                      | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB |
| 01118 | Chromium, total recoverable              | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB |
| 01303 | Zinc, potentially dissolved              | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB |
| 01306 | Copper, potentially dissolved            | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB |
| 01314 | Chromium, trivalent, potentially dissolv | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge |                                      | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB |
| 01318 | Lead, potentially dissolv                | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB |
| 01319 | Manganese, potentially dissolv           | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB |
| 01322 | Nickel, potentially dissolv              | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB |
| 01323 | Selenium, potentially dissolv            | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB |
| 03582 | Oil and grease                           | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  |                                      | 10.0 INST MAX<br>C - No Discharge    | 19 - mg/L                         | 7/1/77 - Contingent GR - GRAB     |
| 04262 | Chromium, trivalent total recoverable    | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  |                                      | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI | 0.29 30DA AVG<br>C - No Discharge | Req Mon DAILY MX 03 - MGD<br>C - No Discharge           |  |                                      |                                      |                                   | 01/30 - Monthly IN - INSTAN       |
| 50286 | Mercury, total [low level]               | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | 28 - ug/L                            | 02/30 - Twice Per Month GR - GRAB |                                   |
| 51202 | Sulfide-hydrogen sulfide [undissociated] | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | 19 - mg/L                            | 02/30 - Twice Per Month GR - GRAB |                                   |
| 81020 | Sulfate                                  | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | Req Mon 30DA AVG<br>C - No Discharge | 19 - mg/L                            | 02/30 - Twice Per Month GR - GRAB |                                   |
| 82057 | Boron, total                             | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   |                                                         |  | 2.59 30DA AVG<br>C - No Discharge    | 19 - mg/L                            | 02/30 - Twice Per Month GR - GRAB |                                   |
| 84086 | Oil and grease visual                    | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value NODI |                                   | Req Mon INST MAX AB - absi=0;prst=1<br>C - No Discharge |  |                                      |                                      |                                   | 01/30 - Monthly VI - VISUAL       |

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

NO DISCHARGE

**Attachments**

No attachments.

**Report Last Saved By**

**Mountain Coal Co LLC**

User: 3WELTBOYS  
Name: Kathleen Well  
E-Mail: kwell@archcoal.com  
Date/Time: 2020-12-15 08:26 (Time Zone: -07:00)

**Report Last Signed By**

User: JWILCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archrsc.com  
Date/Time: 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

### Permit

|                    |                          |                    |                                              |                    |                                                 |
|--------------------|--------------------------|--------------------|----------------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776                | Permittee:         | Mountain Coal Co LLC                         | Facility:          | WEST ELK MINE                                   |
| Major:             | No                       | Permittee Address: | 5174 Hwy 133<br>Somerset, CO 81434           | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature: | 017A<br>External Outfall | Discharge:         | 017A-W<br>Acute Monthly WET Testing for 017A |                    |                                                 |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 11/01/20 to 11/30/20 | DMR Due Date: | 12/28/20 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

### Principal Executive Officer

|             |  |        |  |            |  |
|-------------|--|--------|--|------------|--|
| First Name: |  | Title: |  | Telephone: |  |
| Last Name:  |  |        |  |            |  |

### No Data Indicator (NODI)

### Form NODI:

| Code  | Parameter Name        | Monitoring Location | Season # | Param. NODI | Quantity or Loading           |         |             | Quality or Concentration |             |                  | # of Ex. | Frequency of Analysis | Sample Type |
|-------|-----------------------|---------------------|----------|-------------|-------------------------------|---------|-------------|--------------------------|-------------|------------------|----------|-----------------------|-------------|
|       |                       |                     |          |             | Qualifier 1                   | Value 1 | Qualifier 2 | Value 2                  | Qualifier 3 | Value 3          |          |                       |             |
| 51484 | Number of Events      | 1 - Effluent Gross  | 0        |             | Sample Permit Req. Value NODI |         |             | 10.0 30DA AVG            |             | 3.0 7 DA AVG     | 5J - h   | 01/30 - Monthly       | CA - CALCTD |
|       |                       |                     |          |             |                               |         |             | C - No Discharge         |             | C - No Discharge |          |                       |             |
| 81381 | Duration of discharge | 1 - Effluent Gross  | 0        |             | Sample Permit Req. Value NODI |         |             |                          |             | 3.0 7 DA AVG     | 5A - d   | 01/07 - Weekly        | CA - CALCTD |
|       |                       |                     |          |             |                               |         |             |                          |             | C - No Discharge |          |                       |             |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

NO DISCHARGE

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

|            |                                      |
|------------|--------------------------------------|
| User:      | 3WELTBOYS                            |
| Name:      | Kathleen Well                        |
| E-Mail:    | kwelt@archcoal.com                   |
| Date/Time: | 2020-12-15 08:26 (Time Zone: -07:00) |

### Report Last Signed By

|            |                                      |
|------------|--------------------------------------|
| User:      | JWILCZEK                             |
| Name:      | Jessica Wilczek                      |
| E-Mail:    | jwilczek@archrsc.com                 |
| Date/Time: | 2020-12-15 10:07 (Time Zone: -07:00) |

## DMR Copy of Record

### Permit

**Permit #:** CO0038776  
**Major:** No  
**Permitted Feature:** 025  
 External Outfall

**Permittee:** Mountain Coal Co LLC  
**Permittee Address:** 5174 Hwy 133  
 Somerset, CO 81434  
**Discharge:** 025-A  
 Stormwater from Drainage Basin 49A5 to Sylvester Gulch

**Facility:** WEST ELK MINE  
**Facility Location:** HWY 133, E OF TOWN  
 GUNNISON COUNTY, CO 81434

### Report Dates & Status

**Monitoring Period:** From 11/01/20 to 11/30/20  
**DMR Due Date:** 12/28/20  
**Status:** NetDMR Validated

### Considerations for Form Completion

### Principal Executive Officer

**First Name:** \_\_\_\_\_ **Title:** \_\_\_\_\_ **Telephone:** \_\_\_\_\_

### Last Name:

### No Data Indicator (NODI)

Form NODI: --

| Parameter |                                          | Monitoring Location | Season # | Param. NODI | Quantity or Loading           |          |             |          |          | Quality or Concentration |                  |             |         |             | # of Ex.  | Frequency of Analysis | Sample Type |                 |                 |           |
|-----------|------------------------------------------|---------------------|----------|-------------|-------------------------------|----------|-------------|----------|----------|--------------------------|------------------|-------------|---------|-------------|-----------|-----------------------|-------------|-----------------|-----------------|-----------|
| Code      | Name                                     |                     |          |             | Qualifier 1                   | Value 1  | Qualifier 2 | Value 2  | Units    | Qualifier 1              | Value 1          | Qualifier 2 | Value 2 | Qualifier 3 |           |                       |             | Value 3         | Units           |           |
| 00400     | pH                                       | 1 - Effluent Gross  | 0        | ---         | Sample Permit Req. Value NODI |          |             |          | =        | 7.6                      | Req Mon MINIMUM  |             |         | =           | 7.6       | Req Mon MAXIMUM       | 12 - SU     | 0               | 01/30 - Monthly | GR - GRAB |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | ---         | Sample Permit Req. Value NODI |          |             |          | *        | 410.0                    | Req Mon 30DA AVG | /           | 410.0   |             | 19 - mg/L | 01/30 - Monthly       | 0           | 01/30 - Monthly | GR - GRAB       |           |
| 00545     | Solids, settleable                       | 1 - Effluent Gross  | 0        | ---         | Sample Permit Req. Value NODI |          |             |          | *        | 0.7                      | Req Mon 30DA AVG |             | 0.7     |             | 25 - mL/L | 01/30 - Monthly       | 0           | 01/30 - Monthly | GR - GRAB       |           |
| 00990     | Iron, total recoverable                  | 1 - Effluent Gross  | 0        | ---         | Sample Permit Req. Value NODI |          |             |          | *        | 18000.0                  | Req Mon 30DA AVG | =           | 18000.0 |             | 28 - ug/L | 01/30 - Monthly       | 0           | 01/30 - Monthly | GR - GRAB       |           |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | ---         | Sample Permit Req. Value NODI | 0.008928 |             | 0.008928 | 03 - MGD |                          | 1.35 30DA AVG    |             |         |             |           |                       | 0           | 01/30 - Monthly | IN - INSTAN     |           |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

**User:** 3WELTBOYS  
**Name:** Kathleen Welt  
**E-Mail:** kwell@archcoal.com  
**Date/Time:** 2020-12-15 08:27 (Time Zone: -07:00)

### Report Last Signed By

**User:** JWILCZEK  
**Name:** Jessica Wilczek  
**E-Mail:** jwilczek@archsc.com  
**Date/Time:** 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

### Permit

Permit #: CO0038776  
 Major: No  
 Permitted Feature: 026 External Outfall  
 Permittee: Mountain Coal Co LLC  
 Permittee Address: 5174 Hwy 133  
 Somerset, CO 81434  
 Facility: WEST ELK MINE  
 Facility Location: HWY 133, E OF TOWN  
 GUNNISON COUNTY, CO 81434  
 Discharge: 026-A  
 Stormwater from Drainage Basin 49A3 to Sylvester Gulch

### Report Dates & Status

Monitoring Period: From 11/01/20 to 11/30/20  
 DMR Due Date: 12/28/20  
 Status: NetDMR Validated

### Considerations for Form Completion

### Principal Executive Officer

First Name:  
 Last Name:  
 Title:  
 Telephone:

### No Data Indicator (NODI)

Form NODI: --

| Parameter |                                          | Monitoring Location | Season | # Param. NODI | Quantity or Loading           |         |             |         |          | Quantity or Concentration |                 |                  |         |             | # of Ex.         | Frequency of Analysis | Sample Type |                                    |                                          |
|-----------|------------------------------------------|---------------------|--------|---------------|-------------------------------|---------|-------------|---------|----------|---------------------------|-----------------|------------------|---------|-------------|------------------|-----------------------|-------------|------------------------------------|------------------------------------------|
| Code      | Name                                     |                     |        |               | Qualifier 1                   | Value 1 | Qualifier 2 | Value 2 | Units    | Qualifier 1               | Value 1         | Qualifier 2      | Value 2 | Qualifier 3 | Value 3          | Units                 |             |                                    |                                          |
| 00400     | pH                                       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          | 7.7                       | Req Mon MINIMUM |                  |         | 7.7         | Req Mon MAXIMUM  | 12 - SU               | 0           | 01/30 - Monthly<br>01/30 - Monthly | GR - GRAB<br>GR - GRAB                   |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          |                           | 830.0           | Req Mon 30DA AVG |         | 830.0       | Req Mon DAILY MX | 19 - mg/L             | 0           | 01/30 - Monthly<br>01/30 - Monthly | GR - GRAB<br>GR - GRAB                   |
| 00545     | Solids, settleable                       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          |                           | 4.7             | Req Mon 30DA AVG |         | 4.7         | Req Mon DAILY MX | 25 - mL/L             | 0           | 01/30 - Monthly<br>01/30 - Monthly | GR - GRAB<br>GR - GRAB                   |
| 00980     | Iron, total recoverable                  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          |                           | 31000.0         | Req Mon 30DA AVG |         | 31000.0     | Req Mon DAILY MX | 28 - ug/L             | 0           | 01/30 - Monthly<br>01/30 - Monthly | GR - GRAB<br>GR - GRAB                   |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI | 0.00432 |             | 0.00432 | 03 - MGD |                           | 0.22            | 30DA AVG         |         |             |                  |                       | 0           | 01/30 - Monthly<br>01/30 - Monthly | IN - INSTANTANEOUS<br>IN - INSTANTANEOUS |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS  
 Name: Kathleen Well  
 E-Mail: kwell@archcoal.com  
 Date/Time: 2020-12-15 08:28 (Time Zone: -07:00)

### Report Last Signed By

User: JWILCZEK  
 Name: Jessica Wilczek  
 E-Mail: jwilczek@archrsc.com  
 Date/Time: 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

### Permit

Permit #: CO0038776  
Major: No

Permittee: Mountain Coal Co LLC  
Permittee Address: 5174 Hwy 133  
Somerset, CO 81434

Facility: WEST ELK MINE  
Facility Location: HWY 133, E OF TOWN  
GUNNISON COUNTY, CO 81434

Permitted Feature: 027  
External Outfall

Discharge: 027-A  
Stormwater from Drainage Basin 49A2 to Sylvester Gulch

### Report Dates & Status

Monitoring Period: From 11/01/20 to 11/30/20

DMR Due Date: 12/28/20

Status: NetDMR Validated

### Considerations for Form Completion

### Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI: --

| Parameter |                                          | Monitoring Location | Season | # Param. NODI | Quantity or Loading           |         |             |         |          | Quality or Concentration |         |             |                  |             |         | # of Ex. | Frequency of Analysis | Sample Type |                  |           |   |                                    |                              |
|-----------|------------------------------------------|---------------------|--------|---------------|-------------------------------|---------|-------------|---------|----------|--------------------------|---------|-------------|------------------|-------------|---------|----------|-----------------------|-------------|------------------|-----------|---|------------------------------------|------------------------------|
| Code      | Name                                     |                     |        |               | Qualifier 1                   | Value 1 | Qualifier 2 | Value 2 | Units    | Qualifier 1              | Value 1 | Qualifier 2 | Value 2          | Qualifier 3 | Value 3 | Units    |                       |             |                  |           |   |                                    |                              |
| 00400     | pH                                       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          | =                        | 7.9     |             | Req Mon MINIMUM  |             |         | =        | 7.9                   |             | Req Mon MAXIMUM  | 12 - SU   | 0 | 01/30 - Monthly<br>01/30 - Monthly | GR - GRAB<br>GR - GRAB       |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          | *                        | 250.0   |             | Req Mon 30DA AVG | *           | 250.0   |          | 19 - mg/L             |             | Req Mon DAILY MX | 19 - mg/L | 0 | 01/30 - Monthly<br>01/30 - Monthly | GR - GRAB<br>GR - GRAB       |
| 00545     | Solids, settleable                       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          | *                        | 0.5     |             | Req Mon 30DA AVG | *           | 0.5     |          | 25 - mL/L             |             | Req Mon DAILY MX | 25 - mL/L | 0 | 01/30 - Monthly<br>01/30 - Monthly | GR - GRAB<br>GR - GRAB       |
| 00980     | Iron, total recoverable                  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          | *                        | 10000.0 |             | Req Mon 30DA AVG | *           | 10000.0 |          | 28 - ug/L             |             | Req Mon DAILY MX | 28 - ug/L | 0 | 01/30 - Monthly<br>01/30 - Monthly | GR - GRAB<br>GR - GRAB       |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI | 0.0608  |             | 0.0608  | 03 - MGD |                          |         |             |                  |             |         |          |                       |             |                  |           | 0 | 01/30 - Monthly<br>01/30 - Monthly | IN - INSTANT<br>IN - INSTANT |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS  
Name: Kathleen Welt  
E-Mail: kwelt@archcoal.com  
Date/Time: 2020-12-15 08:31 (Time Zone: -07:00)

### Report Last Signed By

User: JWILCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archsc.com  
Date/Time: 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

### Permit

|                           |                         |                           |                                                                           |                           |                                                 |
|---------------------------|-------------------------|---------------------------|---------------------------------------------------------------------------|---------------------------|-------------------------------------------------|
| <b>Permit #:</b>          | CO0038776               | <b>Permittee:</b>         | Mountain Coal Co LLC                                                      | <b>Facility:</b>          | WEST ELK MINE                                   |
| <b>Major:</b>             | No                      | <b>Permittee Address:</b> | 5174 Hwy 133<br>Somerset, CO 81434                                        | <b>Facility Location:</b> | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Permitted Feature:</b> | 030<br>External Outfall | <b>Discharge:</b>         | 030-A<br>Stormwater from Drainage Basins 46B1 and 46B2 to Sylvester Gulch |                           |                                                 |

### Report Dates & Status

|                           |                           |                      |          |                |                  |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|
| <b>Monitoring Period:</b> | From 11/01/20 to 11/30/20 | <b>DMR Due Date:</b> | 12/28/20 | <b>Status:</b> | NetDMR Validated |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|

### Considerations for Form Completion

### Principal Executive Officer

|                    |  |               |  |                   |  |
|--------------------|--|---------------|--|-------------------|--|
| <b>First Name:</b> |  | <b>Title:</b> |  | <b>Telephone:</b> |  |
|--------------------|--|---------------|--|-------------------|--|

**Last Name:**

### No Data Indicator (NODI)

**Form NODI:** --

| Code  | Parameter Name                           | Monitoring Location | Season # | Param. NODI |                               | Quantity or Loading |          |             |          | Quality or Concentration |                            |             |          | Units                      | # of Ex.  | Frequency of Analysis | Sample Type  |
|-------|------------------------------------------|---------------------|----------|-------------|-------------------------------|---------------------|----------|-------------|----------|--------------------------|----------------------------|-------------|----------|----------------------------|-----------|-----------------------|--------------|
|       |                                          |                     |          |             |                               | Qualifier 1         | Value 1  | Qualifier 2 | Value 2  | Qualifier 1              | Value 1                    | Qualifier 2 | Value 2  |                            |           |                       |              |
| 00400 | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |                     |          |             |          |                          | 7.8<br>Req Mon MINIMUM     |             |          | 7.8<br>Req Mon MAXIMUM     | 12 - SU   | 01/30 - Monthly       | GR - GRAB    |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |                     |          |             |          |                          | 110.0<br>Req Mon 30DA AVG  |             |          | 110.0<br>Req Mon DAILY MX  | 19 - mg/L | 01/30 - Monthly       | GR - GRAB    |
| 00545 | Solids, settleable                       | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |                     |          |             |          |                          | 0.1<br>Req Mon 30DA AVG    |             |          | 0.1<br>Req Mon DAILY MX    | 25 - mL/L | 01/30 - Monthly       | GR - GRAB    |
| 00980 | Iron, total recoverable                  | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |                     |          |             |          |                          | 4100.0<br>Req Mon 30DA AVG |             |          | 4100.0<br>Req Mon DAILY MX | 28 - ug/L | 01/30 - Monthly       | GR - GRAB    |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |                     | 0.016416 |             | 03 - MGD |                          | 0.0730DA AVG               |             | 03 - MGD |                            |           | 01/30 - Monthly       | IN - INSTANT |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

|                   |                                      |
|-------------------|--------------------------------------|
| <b>User:</b>      | 3WELTBOYS                            |
| <b>Name:</b>      | Kathleen Welt                        |
| <b>E-Mail:</b>    | kwelt@archcoal.com                   |
| <b>Date/Time:</b> | 2020-12-15 08:28 (Time Zone: -07:00) |

### Report Last Signed By

|                   |                                      |
|-------------------|--------------------------------------|
| <b>User:</b>      | JWILCZEK                             |
| <b>Name:</b>      | Jessica Wilczek                      |
| <b>E-Mail:</b>    | jwilczek@archsc.com                  |
| <b>Date/Time:</b> | 2020-12-15 10:07 (Time Zone: -07:00) |

## DMR Copy of Record

### Permit

|                           |                         |                           |                                                                         |                           |                                                 |
|---------------------------|-------------------------|---------------------------|-------------------------------------------------------------------------|---------------------------|-------------------------------------------------|
| <b>Permit #:</b>          | CO0038776               | <b>Permittee:</b>         | Mountain Coal Co LLC                                                    | <b>Facility:</b>          | WEST ELK MINE                                   |
| <b>Major:</b>             | No                      | <b>Permittee Address:</b> | 5174 Hwy 133<br>Somerset, CO 81434                                      | <b>Facility Location:</b> | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Permitted Feature:</b> | 032<br>External Outfall | <b>Discharge:</b>         | 032-A<br>Stormwater from Drainage Basins 43A and 43F to Sylvester Gulch |                           |                                                 |

### Report Dates & Status

|                           |                           |                      |          |                |                  |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|
| <b>Monitoring Period:</b> | From 11/01/20 to 11/30/20 | <b>DMR Due Date:</b> | 12/28/20 | <b>Status:</b> | NetDMR Validated |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|

### Considerations for Form Completion

### Principal Executive Officer

|                    |  |               |  |                   |  |
|--------------------|--|---------------|--|-------------------|--|
| <b>First Name:</b> |  | <b>Title:</b> |  | <b>Telephone:</b> |  |
|--------------------|--|---------------|--|-------------------|--|

**Last Name:**

**No Data Indicator (NODI)**

**Form NODI:**

| Param. NODI |                                          |                     |        |               | Quantity or Loading           |         |             |         |          | Quantity or Concentration |                 |             |         |             | # of Ex. Frequency of Analysis Sample Type |           |   |                 |             |
|-------------|------------------------------------------|---------------------|--------|---------------|-------------------------------|---------|-------------|---------|----------|---------------------------|-----------------|-------------|---------|-------------|--------------------------------------------|-----------|---|-----------------|-------------|
| Code        | Parameter Name                           | Monitoring Location | Season | # Param. NODI | Qualifier 1                   | Value 1 | Qualifier 2 | Value 2 | Units    | Qualifier 1               | Value 1         | Qualifier 2 | Value 2 | Qualifier 3 | Value 3                                    | Units     |   |                 |             |
| 00400       | pH                                       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          | 7.7                       | Req Mon MINIMUM |             |         | 7.7         | Req Mon MAXIMUM                            | 12 - SU   | 0 | 01/30 - Monthly | GR - GRAB   |
| 00530       | Solids, total suspended                  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          |                           |                 |             | 560 0   |             | 560 0                                      | 19 - mg/L | 0 | 01/30 - Monthly | GR - GRAB   |
| 00545       | Solids, settleable                       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          |                           |                 |             | 0 2     |             | 0 2                                        | 25 - mL/L | 0 | 01/30 - Monthly | GR - GRAB   |
| 00980       | Iron, total recoverable                  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |         |             |         |          |                           |                 |             | 25000 0 |             | 25000 0                                    | 28 - ug/L | 0 | 01/30 - Monthly | GR - GRAB   |
| 50050       | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI | 0 00288 |             | 0 00288 | 03 - MGD |                           |                 |             |         |             |                                            |           | 0 | 01/30 - Monthly | IN - INSTAN |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

|                   |                                      |
|-------------------|--------------------------------------|
| <b>User:</b>      | 3WELTBOYS                            |
| <b>Name:</b>      | Kathleen Welt                        |
| <b>E-Mail:</b>    | kwell@archcoal.com                   |
| <b>Date/Time:</b> | 2020-12-15 08:29 (Time Zone: -07:00) |

### Report Last Signed By

|                   |                                      |
|-------------------|--------------------------------------|
| <b>User:</b>      | JWILCZEK                             |
| <b>Name:</b>      | Jessica Wilczek                      |
| <b>E-Mail:</b>    | jwilczek@archrsc.com                 |
| <b>Date/Time:</b> | 2020-12-15 10:07 (Time Zone: -07:00) |

## DMR Copy of Record

|                                           |                           |  |                           |                                                     |  |                           |                                                 |  |
|-------------------------------------------|---------------------------|--|---------------------------|-----------------------------------------------------|--|---------------------------|-------------------------------------------------|--|
| <b>Permit</b>                             |                           |  | <b>Permittee:</b>         | Mountain Coal Co LLC                                |  | <b>Facility:</b>          | WEST ELK MINE                                   |  |
| <b>Permit #:</b>                          | CO0038776                 |  | <b>Permittee Address:</b> | 5174 Hwy 133<br>Somerset, CO 81434                  |  | <b>Facility Location:</b> | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |  |
| <b>Major:</b>                             | No                        |  | <b>Discharge:</b>         | 033-A<br>Stormwater from Drainage Basin 43D and 43E |  |                           |                                                 |  |
| <b>Permitted Feature:</b>                 | 033<br>Internal Outfall   |  |                           |                                                     |  |                           |                                                 |  |
| <b>Report Dates &amp; Status</b>          |                           |  |                           |                                                     |  |                           |                                                 |  |
| <b>Monitoring Period:</b>                 | From 11/01/20 to 11/30/20 |  | <b>DMR Due Date:</b>      | 12/28/20                                            |  | <b>Status:</b>            | NetDMR Validated                                |  |
| <b>Considerations for Form Completion</b> |                           |  |                           |                                                     |  |                           |                                                 |  |

### Principal Executive Officer

|                                 |    |  |               |  |  |                   |  |  |
|---------------------------------|----|--|---------------|--|--|-------------------|--|--|
| <b>First Name:</b>              |    |  | <b>Title:</b> |  |  | <b>Telephone:</b> |  |  |
| <b>Last Name:</b>               |    |  |               |  |  |                   |  |  |
| <b>No Data Indicator (NODI)</b> |    |  |               |  |  |                   |  |  |
| <b>Form NODI:</b>               | -- |  |               |  |  |                   |  |  |

| PARAM. NODI |                                          |                     |        |               | QUALITY OR CONCENTRATION      |                  |             |                  |          |             |                  |                  |         |                  | # of Ex.  |       | Frequency of Analysis | Sample Type |  |
|-------------|------------------------------------------|---------------------|--------|---------------|-------------------------------|------------------|-------------|------------------|----------|-------------|------------------|------------------|---------|------------------|-----------|-------|-----------------------|-------------|--|
| Code        | Parameter Name                           | Monitoring Location | Season | # Param. NODI | Qualifier 1                   | Value 1          | Qualifier 2 | Value 2          | Units    | Qualifier 1 | Value 1          | Qualifier 2      | Value 2 | Qualifier 3      | Value 3   | Units |                       |             |  |
| 00400       | pH                                       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                  |             |                  |          |             | Req Mon MINIMUM  |                  |         | Req Mon MAXIMUM  | 12 - SU   |       | 01/30 - Monthly       | GR - GRAB   |  |
|             |                                          |                     |        |               |                               |                  |             |                  |          |             | C - No Discharge |                  |         | C - No Discharge |           |       |                       |             |  |
| 00530       | Solids, total suspended                  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                  |             |                  |          |             |                  | Req Mon 30DA AVG |         | Req Mon DAILY MX | 19 - mg/L |       | 01/30 - Monthly       | GR - GRAB   |  |
|             |                                          |                     |        |               |                               |                  |             |                  |          |             |                  | C - No Discharge |         | C - No Discharge |           |       |                       |             |  |
| 00545       | Solids, settleable                       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                  |             |                  |          |             |                  | Req Mon 30DA AVG |         | Req Mon DAILY MX | 25 - mL/L |       | 01/30 - Monthly       | GR - GRAB   |  |
|             |                                          |                     |        |               |                               |                  |             |                  |          |             |                  | C - No Discharge |         | C - No Discharge |           |       |                       |             |  |
| 00980       | Iron, total recoverable                  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |                  |             |                  |          |             |                  | Req Mon 30DA AVG |         | Req Mon DAILY MX | 28 - ug/L |       | 01/30 - Monthly       | GR - GRAB   |  |
|             |                                          |                     |        |               |                               |                  |             |                  |          |             |                  | C - No Discharge |         | C - No Discharge |           |       |                       |             |  |
| 50050       | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI | 0.54 30DA AVG    |             | Req Mon DAILY MX | 03 - MGD |             |                  |                  |         |                  |           |       | 01/30 - Monthly       | IN - INSTAN |  |
|             |                                          |                     |        |               |                               | C - No Discharge |             | C - No Discharge |          |             |                  |                  |         |                  |           |       |                       |             |  |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

NO DISCHARGE

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS  
Name: Kathleen Welt  
E-Mail: kwell@archcoal.com  
Date/Time: 2020-12-15 08:29 (Time Zone: -07:00)

### Report Last Signed By

User: JWILCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archrsc.com  
Date/Time: 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

### Permit

|                    |                         |                    |                                                                                                    |                    |                                                 |
|--------------------|-------------------------|--------------------|----------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776               | Permittee:         | Mountain Coal Co LLC                                                                               | Facility:          | WEST ELK MINE                                   |
| Major:             | No                      | Permittee Address: | 5174 Hwy 133<br>Somerset, CO 81434                                                                 | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature: | 034<br>External Outfall | Discharge:         | 034-A<br>Comingled Discharge of Outfall 033 and from Drainage Basin 43B and 43C to Sylvester Gulch |                    |                                                 |

### Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 11/01/20 to 11/30/20 | DMR Due Date: | 12/28/20 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

### Considerations for Form Completion

### Principal Executive Officer

|             |        |            |
|-------------|--------|------------|
| First Name: | Title: | Telephone: |
|-------------|--------|------------|

Last Name:

### No Data Indicator (NODI)

Form NODI:

| Parameter |                                          | Monitoring Location | Season | # Param. NODI | Quantity or Loading           |               |             |         |                           | Quality or Concentration |                  |             |                 |             | # of Ex.        | Frequency of Analysis | Sample Type |
|-----------|------------------------------------------|---------------------|--------|---------------|-------------------------------|---------------|-------------|---------|---------------------------|--------------------------|------------------|-------------|-----------------|-------------|-----------------|-----------------------|-------------|
| Code      | Name                                     |                     |        |               | Qualifier 1                   | Value 1       | Qualifier 2 | Value 2 | Units                     | Qualifier 1              | Value 1          | Qualifier 2 | Value 2         | Qualifier 3 |                 |                       |             |
| 00400     | pH                                       | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |               |             |         |                           | 8.4                      |                  |             | 8.4             | 12 - SU     | 01/30 - Monthly | GR - GRAB             |             |
|           |                                          |                     |        |               |                               |               |             |         |                           | Req Mon MINIMUM          |                  |             | Req Mon MAXIMUM | 12 - SU     | 01/30 - Monthly | GR - GRAB             |             |
| 00980     | Iron, total recoverable                  | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI |               |             |         |                           |                          | 2100 0           |             |                 | 28 - ug/L   | 01/30 - Monthly | GR - GRAB             |             |
|           |                                          |                     |        |               |                               |               |             |         |                           |                          | Req Mon 30DA AVG |             |                 | 28 - ug/L   | 01/30 - Monthly | GR - GRAB             |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. Value NODI | 0.00072       | =           | 0.00072 | 03 - MGD                  |                          |                  |             |                 |             | 01/30 - Monthly | IN - INSTAN           |             |
|           |                                          |                     |        |               |                               | 0.39 30DA AVG |             |         | Req Mon DAILY MX 03 - MGD |                          |                  |             |                 |             | 01/30 - Monthly | IN - INSTAN           |             |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

|            |                                      |
|------------|--------------------------------------|
| User:      | 3WELTBOYS                            |
| Name:      | Kathleen Weil                        |
| E-Mail:    | kwelt@archcoal.com                   |
| Date/Time: | 2020-12-15 08:31 (Time Zone: -07:00) |

### Report Last Signed By

|            |                                      |
|------------|--------------------------------------|
| User:      | JWILCZEK                             |
| Name:      | Jessica Wilczek                      |
| E-Mail:    | jwilczek@archrsc.com                 |
| Date/Time: | 2020-12-15 10:07 (Time Zone: -07:00) |

## DMR Copy of Record

### Permit

|                           |                         |                           |                                                                                 |                           |                                                 |
|---------------------------|-------------------------|---------------------------|---------------------------------------------------------------------------------|---------------------------|-------------------------------------------------|
| <b>Permit #:</b>          | CO0038776               | <b>Permittee:</b>         | Mountain Coal Co LLC                                                            | <b>Facility:</b>          | WEST ELK MINE                                   |
| <b>Major:</b>             | No                      | <b>Permittee Address:</b> | 5174 Hwy 133<br>Somerset, CO 81434                                              | <b>Facility Location:</b> | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Permitted Feature:</b> | 035<br>External Outfall | <b>Discharge:</b>         | 035-A<br>Stormwater Runoff from Train Loadout Area to N. Fork of Gunnison River |                           |                                                 |

### Report Dates & Status

|                           |                           |                      |          |                |                  |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|
| <b>Monitoring Period:</b> | From 11/01/20 to 11/30/20 | <b>DMR Due Date:</b> | 12/28/20 | <b>Status:</b> | NetDMR Validated |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|

### Considerations for Form Completion

### Principal Executive Officer

|                    |  |               |  |                   |  |
|--------------------|--|---------------|--|-------------------|--|
| <b>First Name:</b> |  | <b>Title:</b> |  | <b>Telephone:</b> |  |
|--------------------|--|---------------|--|-------------------|--|

Last Name:

### No Data Indicator (NODI)

Form NODI: --

| Code  | Parameter Name                           | Monitoring Location | Season # | Param. NODI |                               | Quantity or Loading |                  |             |                  | Units    | Quality or Concentration |         |                  |         | Units            | # of Ex.  | Frequency of Analysis | Sample Type |
|-------|------------------------------------------|---------------------|----------|-------------|-------------------------------|---------------------|------------------|-------------|------------------|----------|--------------------------|---------|------------------|---------|------------------|-----------|-----------------------|-------------|
|       |                                          |                     |          |             |                               | Qualifier 1         | Value 1          | Qualifier 2 | Value 2          |          | Qualifier 1              | Value 1 | Qualifier 2      | Value 2 | Qualifier 3      | Value 3   |                       |             |
| 00400 | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |                     |                  |             |                  |          | Req Mon MINIMUM          |         |                  |         | Req Mon MAXIMUM  | 12 - SU   | 01/30 - Monthly       | GR - GRAB   |
|       |                                          |                     |          |             |                               |                     |                  |             |                  |          | C - No Discharge         |         |                  |         | C - No Discharge |           |                       |             |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |                     |                  |             |                  |          |                          |         | Req Mon 30DA AVG |         | Req Mon DAILY MX | 19 - mg/L | 01/30 - Monthly       | GR - GRAB   |
|       |                                          |                     |          |             |                               |                     |                  |             |                  |          |                          |         | C - No Discharge |         | C - No Discharge |           |                       |             |
| 00980 | Iron, total recoverable                  | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |                     |                  |             |                  |          |                          |         | Req Mon 30DA AVG |         | Req Mon DAILY MX | 28 - ug/L | 01/30 - Monthly       | GR - GRAB   |
|       |                                          |                     |          |             |                               |                     |                  |             |                  |          |                          |         | C - No Discharge |         | C - No Discharge |           |                       |             |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample Permit Req. Value NODI |                     | 1.3 30DA AVG     |             | Req Mon DAILY MX | 03 - MGD |                          |         |                  |         |                  |           | 01/30 - Monthly       | IN - INSTAN |
|       |                                          |                     |          |             |                               |                     | C - No Discharge |             | C - No Discharge |          |                          |         |                  |         |                  |           |                       |             |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

NO DISCHARGE

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

|                   |                                      |
|-------------------|--------------------------------------|
| <b>User:</b>      | 3WELTBOYS                            |
| <b>Name:</b>      | Kathleen Welt                        |
| <b>E-Mail:</b>    | kwelt@archcoal.com                   |
| <b>Date/Time:</b> | 2020-12-15 08:30 (Time Zone: -07:00) |

### Report Last Signed By

|                   |                                      |
|-------------------|--------------------------------------|
| <b>User:</b>      | JWILCZEK                             |
| <b>Name:</b>      | Jessica Wilczek                      |
| <b>E-Mail:</b>    | jwilczek@archrsc.com                 |
| <b>Date/Time:</b> | 2020-12-15 10:07 (Time Zone: -07:00) |

## DMR Copy of Record

### Permit

|                           |                           |                           |                                    |                           |                                                 |
|---------------------------|---------------------------|---------------------------|------------------------------------|---------------------------|-------------------------------------------------|
| <b>Permit #:</b>          | CO0036776                 | <b>Permittee:</b>         | Mountain Coal Co LLC               | <b>Facility:</b>          | WEST ELK MINE                                   |
| <b>Major:</b>             | No                        | <b>Permittee Address:</b> | 5174 Hwy 133<br>Somerset, CO 81434 | <b>Facility Location:</b> | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Permitted Feature:</b> | 300<br>Influent Structure | <b>Discharge:</b>         | 300-I<br>Influent Measurements     |                           |                                                 |

### Report Dates & Status

|                           |                           |                      |          |                |                  |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|
| <b>Monitoring Period:</b> | From 11/01/20 to 11/30/20 | <b>DMR Due Date:</b> | 12/28/20 | <b>Status:</b> | NetDMR Validated |
|---------------------------|---------------------------|----------------------|----------|----------------|------------------|

### Considerations for Form Completion

Influent samples must be collected, analyzed and reported monthly regardless of whether an effluent discharge occurs. Plant capacity - report hydraulic capacity @ MLOC=P; organic capacity @ MLOC=Q. Hydraulic capacity = 0.02 MGD; organic capacity = 28 lbs BOD-5/Day

### Principal Executive Officer

|                    |               |                   |
|--------------------|---------------|-------------------|
| <b>First Name:</b> | <b>Title:</b> | <b>Telephone:</b> |
|--------------------|---------------|-------------------|

**Last Name:**

### No Data Indicator (NODI)

Form NODI:

| Code  | Parameter Name                           | Monitoring Location     | Session # | Param. NODI |                              | Quantity or Loading |         |             |         | Quality or Concentration |         |             |         | Units     | # of Ex. | Frequency of Analysis | Sample Type |
|-------|------------------------------------------|-------------------------|-----------|-------------|------------------------------|---------------------|---------|-------------|---------|--------------------------|---------|-------------|---------|-----------|----------|-----------------------|-------------|
|       |                                          |                         |           |             |                              | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Qualifier 1              | Value 1 | Qualifier 2 | Value 2 |           |          |                       |             |
| 00180 | Plant capacity fact. percent of capacity | P - See Comments        | 0         |             | Sample Permit Req Value NODI |                     |         |             |         |                          |         |             |         | 23 - %    | 0        | 01/30 - Monthly       | CA - CALCTD |
| 00180 | Plant capacity fact. percent of capacity | Q - See Comments        | 0         |             | Sample Permit Req Value NODI |                     |         |             |         |                          |         |             |         | 23 - %    | 0        | 01/30 - Monthly       | CA - CALCTD |
| 00310 | BOD, 5-day, 20 deg. C                    | G - Raw Sewage Influent | 0         |             | Sample Permit Req Value NODI |                     | 16.103  |             | 16.103  |                          |         |             |         | 19 - mg/L | 0        | 01/30 - Monthly       | CP - COMPOS |
| 00530 | Solids, total suspended                  | G - Raw Sewage Influent | 0         |             | Sample Permit Req Value NODI |                     |         |             |         |                          |         |             |         | 19 - mg/L | 0        | 01/30 - Monthly       | CP - COMPOS |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type

### Edit Check Errors

No errors.

### Comments

### Attachments

No attachments.

### Report Last Saved By

Mountain Coal Co LLC

|                   |                                      |
|-------------------|--------------------------------------|
| <b>User:</b>      | 3WELTBOYS                            |
| <b>Name:</b>      | Kathleen Welt                        |
| <b>E-Mail:</b>    | kwelt@archcoal.com                   |
| <b>Date/Time:</b> | 2020-12-15 08:30 (Time Zone: -07:00) |

### Report Last Signed By

|                   |                                      |
|-------------------|--------------------------------------|
| <b>User:</b>      | JWILCZEK                             |
| <b>Name:</b>      | Jessica Wilczek                      |
| <b>E-Mail:</b>    | jwilczek@archsc.com                  |
| <b>Date/Time:</b> | 2020-12-15 10:07 (Time Zone: -07:00) |

**DMR Copy of Record**

### Permit

Permit #: CO0038776

Major: No

|                   |                      |
|-------------------|----------------------|
| <b>Permittee:</b> | Mountain Coal Co LLC |
|-------------------|----------------------|

**Permittee Address:** 5174 Hwy 133  
Somerset, CO 81434

Facility: WEST ELK MINE

|                           |                                                 |
|---------------------------|-------------------------------------------------|
| <b>Facility Location:</b> | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
|---------------------------|-------------------------------------------------|

|                           |                                   |
|---------------------------|-----------------------------------|
| <b>Permitted Feature:</b> | UST1<br>Receiving Water (Ambient) |
|---------------------------|-----------------------------------|

Discharge: UST1-A  
Instream Monitoring

### Report Dates & Status

**Monitoring Period:** From 11/01/20 to 11/30/20

**DMR Due Date:** 12/28/20

**Status:** NetDMR Validated

### Considerations for Form Completion

## Principal Executive Officer

First Name:

**Title:**

Telephone:

Last Name:

No Data Indicator (NODI)

**Form NODI:**

| Parameter |                                    | Monitoring Location     | Season | # Param. NODI | Quantity or Loading |         |             | Quality or Concentration |             |         | # of Ex. | Frequency of Analysis | Sample Type |
|-----------|------------------------------------|-------------------------|--------|---------------|---------------------|---------|-------------|--------------------------|-------------|---------|----------|-----------------------|-------------|
| Code      | Name                               |                         |        |               | Qualifier 1         | Value 1 | Qualifier 2 | Value 2                  | Qualifier 3 | Value 3 | Units    |                       |             |
| 00010     | Temperature, water deg. centigrade | Z - Instream Monitoring | 0      | --            | Sample              |         |             |                          |             |         |          |                       |             |
|           |                                    |                         |        |               | Permit Req.         |         |             |                          |             |         |          |                       |             |
|           |                                    |                         |        |               | Value NODI          |         |             |                          |             |         |          |                       |             |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

[Edit Check Errors](#)

No errors

### Comments

These values are based on data obtained on 11/12/20 (for October and November 01 through November 12, 2020) when data was downloaded for the October DMRs. When the stream was accessed on 12/08/20 to download the rest of the November data, the stream was frozen and the the data recorder was inaccessible for downloading. These data will be downloaded in the Spring after the stream thaws and the DMR will be updated if these values are changed by the remaining November data.

### Attachments

No attachments.

## Report Last Saved By

**Mountain Coal Co LLC**

User: 3WELTBOYS

Name: Kathleen Welt

E-Mail: [kwell@archcoal.com](mailto:kwell@archcoal.com)

Date/Time: 2020-12-15 08:50 (Time Zone: -07:00)

## Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: [jwilczek@archrsc.com](mailto:jwilczek@archrsc.com)

Date/Time: 2020-12-15 10:07 (Time Zone: -07:00)

## DMR Copy of Record

### Permit

Permit #: CO0038776

Major: No

### Permittee:

Mountain Coal Co LLC

### Permittee Address:

5174 Hwy 133  
Somerset, CO 81434

### Facility:

WEST ELK MINE

### Facility Location:

HWY 133, E OF TOWN  
GUNNISON COUNTY, CO 81434

### Permitted Feature:

UST2  
Receiving Water (Ambient)

### Discharge:

UST2-A  
Instream Monitoring

### Report Dates & Status

Monitoring Period: From 11/01/20 to 11/30/20

### DMR Due Date:

12/28/20

### Status:

NetDMR Validated

### Considerations for Form Completion

### Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

### No Data Indicator (NODI)

Form NODI:

| DATA ENTRY |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|------------|-----------|---------------------|----------|-------------|---------------------|---------|-------------|---------|---------------------------|-------------|---------|-------------|----------|-----------------------|-------------|-------|
|            | Parameter | Monitoring Location | Season # | Param. NODI | Quantity or Loading |         |             |         | Quantity or Concentration |             |         |             | # of Ex. | Frequency of Analysis | Sample Type |       |
| Code       | Name      |                     |          |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units                     | Qualifier 1 | Value 1 | Qualifier 2 | Value 2  | Qualifier 3           | Value 3     | Units |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             |         |                           |             |         |             |          |                       |             |       |
|            |           |                     |          |             |                     |         |             | </      |                           |             |         |             |          |                       |             |       |

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

### Edit Check Errors

No errors.

### Comments

These values are based on data obtained on 11/12/20 (for October and November 01 through November 12, 2020) when data was downloaded for the October DMRs. When the stream was accessed on 12/09/20 to download the rest of the November data, the stream was frozen and the the data recorder was inaccessible for downloading. These data will be downloaded in the Spring after the stream thaws and the DMR will be updated if these values are changed by the remaining November data.

### Attachments

No attachments

### Report Last Saved By

Mountain Coal Co LLC

User:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2020-12-15 08:51 (Time Zone: -07:00)

### Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2020-12-15 10:07 (Time Zone: -07:00)