

## DMR Copy of Record

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------------|------------------------------------------------------------------|-------------|-------------------------------|-------------|---------|---------------------------------|---------|-------|-------------|---------|-------------|---------|-------------|---------|--------------------------------------|--------------------------------|-------------------------|-------------|
| Permit                                                                                                                                                                                                                                                                                                 |                              | Permittee:                                                |                                                                  | Facility:   |                               |             |         |                                 |         |       |             |         |             |         |             |         |                                      |                                |                         |             |
| Permit #:                                                                                                                                                                                                                                                                                              | CO0038776                    | Permittee Address:                                        | Facility Location:                                               |             |                               |             |         |                                 |         |       |             |         |             |         |             |         |                                      |                                |                         |             |
| Major:                                                                                                                                                                                                                                                                                                 | No                           | Mountain Coal Co LLC<br>5174 Hwy 133<br>Someset, CO 81434 | WEST ELK MINE<br>HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |             |                               |             |         |                                 |         |       |             |         |             |         |             |         |                                      |                                |                         |             |
| Permitted Feature:                                                                                                                                                                                                                                                                                     |                              | Discharge:                                                |                                                                  |             |                               |             |         |                                 |         |       |             |         |             |         |             |         |                                      |                                |                         |             |
| 005<br>External Outfall                                                                                                                                                                                                                                                                                |                              | 005-AA<br>Coal Conveyor Runoff (MB-3)                     |                                                                  |             |                               |             |         |                                 |         |       |             |         |             |         |             |         |                                      |                                |                         |             |
| Report Dates & Status                                                                                                                                                                                                                                                                                  |                              | DMR Due Date:                                             | Status:                                                          |             |                               |             |         |                                 |         |       |             |         |             |         |             |         |                                      |                                |                         |             |
| Monitoring Period:                                                                                                                                                                                                                                                                                     |                              | 06/28/20                                                  | 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.<br>REPORT CALCULATED SAR AT MLOG=EG; ADJUSTED SAR AT MLOG=P. |                              |                                                           |                                                                  |             |                               |             |         |                                 |         |       |             |         |             |         |             |         |                                      |                                |                         |             |
| Principal Executive Officer                                                                                                                                                                                                                                                                            |                              | Telephone:                                                |                                                                  |             |                               |             |         |                                 |         |       |             |         |             |         |             |         |                                      |                                |                         |             |
| First Name:                                                                                                                                                                                                                                                                                            |                              | Title:                                                    |                                                                  |             |                               |             |         |                                 |         |       |             |         |             |         |             |         |                                      |                                |                         |             |
| Last Name:                                                                                                                                                                                                                                                                                             |                              |                                                           |                                                                  |             |                               |             |         |                                 |         |       |             |         |             |         |             |         |                                      |                                |                         |             |
| Form NODI:                                                                                                                                                                                                                                                                                             |                              |                                                           |                                                                  |             |                               |             |         |                                 |         |       |             |         |             |         |             |         |                                      |                                |                         |             |
| Code                                                                                                                                                                                                                                                                                                   | Parameter Name               | Monitoring Location                                       | Season #                                                         | Param. NODI | Sample Permit Req. Value NODI | Qualifier 1 | Value 1 | Quantity of Loading 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             |             |
| 00084                                                                                                                                                                                                                                                                                                  | 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                     |         |       |             |         |             |         |             |         | Req Mon 30DA AVG<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 | 19 - mg/L                      | 02/30 - Twice Per Month | GR - GRAB   |
| 00510                                                                                                                                                                                                                                                                                                  | Solids, total suspended      | 1 - Effluent Gross                                        | 0                                                                | -           | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | Req Mon 30DA AVG<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 | 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 | 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 | 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 | 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 | 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 |             |         |                                 |         |       |             |         |             |         |             |         | Req Mon 30DA AVG<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 |             |         |                                 |         |       |             |         |             |         |             |         | Req Mon 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 | — | Value NODI<br>Sample<br>Permit Req.<br>Value NODI | C - No Discharge                                       | 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          | 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          | 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          | 28 - ug/L | 02/30 - Twice Per Month GR - GRAB |
| 01314 | Chromium, trivalent, potentially dissolved | 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 dissolved                | 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 |
| 01319 | Manganese, potentially dissolved           | 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 |
| 01322 | Nickel, potentially dissolved              | 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 |
| 01323 | Selenium, potentially dissolved            | 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 |
| 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               | 0.04 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               |                                                        | Req Mon 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 - obs=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 Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2020-06-25 12:47 (Time Zone: -06:00)

**Report Last Signed By**

User:

JPOULOS\_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-06-26 11:06 (Time Zone: -06:00)



| <b>Permit</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Permit #:</b>                         | CO0038776           | <b>Permittee:</b>         | Mountain Coal Co LLC                  | <b>Facility:</b>           | WEST ELK MINE                                   |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
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| <b>Major:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | No                                       |                     | <b>Permittee Address:</b> | 5174 Hwy 133<br>Someset, CO 81434     | <b>Facility Location:</b>  | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Permitted Feature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 007<br>Internal Outfall                  |                     | <b>Discharge:</b>         | 007-A<br>Domestic WWTP Polishing Pond |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Report Dates &amp; Status</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                     | <b>DWR Due Date:</b>      | 06/28/20                              | <b>Status:</b>             | NetDMR Validated                                |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Monitoring Period:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>From 05/01/20 to 05/31/20</b>         |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Considerations for Form Completion</b><br>30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Principal Executive Officer</b><br>First Name:<br>Last Name:<br>No Data Indicator (NODI)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Form NODI:</b><br><table border="1"> <thead> <tr> <th>Code</th> <th>Parameter Name</th> <th>Monitoring Location</th> <th>Season #</th> <th>Param. NODI</th> <th>Qualifier 1</th> <th>Value 1</th> <th>Quantity or Loading</th> <th>Qualifier 2</th> <th>Value 2</th> <th>Units</th> <th>Qualifier 1 Value 1</th> <th>Qualifier 2</th> <th>Value 3</th> <th>Units</th> <th># of Ex. Frequency of Analysis</th> <th>Sample Type</th> </tr> </thead> <tbody> <tr> <td>00310</td> <td>BOD, 5-day, 20 deg. C</td> <td>1 - Effluent Gross</td> <td>0</td> <td>-</td> <td>Sample =<br/>Permit Req. &lt;=</td> <td>0.312<br/>5.0 30DA AVG</td> <td>Req Mon DAILY MX 26 - lb/d</td> <td>0.312<br/>Req Mon DAILY MX 26 - lb/d</td> <td>26 - lb/d</td> <td>26 - lb/d</td> <td>&lt;=</td> <td>4.0<br/>30.0 30DA AVG</td> <td>4.0<br/>45.0 MX 7D AV</td> <td>19 - mg/L<br/>19 - mg/L</td> <td>0130 - Monthly<br/>0130 - Monthly</td> <td>GR - GRAB<br/>GR - GRAB</td> </tr> <tr> <td>00530</td> <td>Solids, total suspended</td> <td>1 - Effluent Gross</td> <td>0</td> <td>-</td> <td>Sample =<br/>Permit Req. &lt;=</td> <td>0.39<br/>12.0 30DA AVG</td> <td>Req Mon DAILY MX 26 - lb/d</td> <td>0.39<br/>Req Mon DAILY MX 26 - lb/d</td> <td>26 - lb/d</td> <td>26 - lb/d</td> <td>&lt;=</td> <td>5.0<br/>75.0 30DA AVG</td> <td>5.0<br/>110.0 MX 7D AV</td> <td>19 - mg/L<br/>19 - mg/L</td> <td>0107 - Weekly<br/>0107 - Weekly</td> <td>GR - GRAB<br/>GR - GRAB</td> </tr> <tr> <td>00610</td> <td>Nitrogen, ammonia total [as N]</td> <td>1 - Effluent Gross</td> <td>0</td> <td>-</td> <td>Sample =<br/>Permit Req. &lt;=</td> <td>0.05<br/>0.05 30DA AVG</td> <td>Req Mon DAILY MX 19 - mg/L</td> <td>0.05<br/>Req Mon 30DA AVG</td> <td>19 - mg/L</td> <td>19 - mg/L</td> <td>&lt;=</td> <td>0.05<br/>Req Mon DAILY MX 19 - mg/L</td> <td>0.05<br/>Req Mon DAILY MX 19 - mg/L</td> <td>19 - mg/L<br/>19 - mg/L</td> <td>0130 - Monthly<br/>0130 - Monthly</td> <td>GR - GRAB<br/>GR - GRAB</td> </tr> <tr> <td>50050</td> <td>Flow, in conduit or thru treatment plant</td> <td>1 - Effluent Gross</td> <td>0</td> <td>-</td> <td>Sample =<br/>Permit Req. &lt;=</td> <td>0.009<br/>0.02 30DA AVG</td> <td>Req Mon DAILY MX 03 - MGD</td> <td>0.009<br/>Req Mon DAILY MX 03 - MGD</td> <td>03 - MGD</td> <td>03 - MGD</td> <td>&lt;=</td> <td>0.05<br/>Req Mon 30DA AVG</td> <td>0.05<br/>Req Mon DAILY MX 19 - mg/L</td> <td>19 - mg/L<br/>19 - mg/L</td> <td>0130 - Monthly<br/>0130 - Monthly</td> <td>GR - GRAB<br/>GR - GRAB</td> </tr> </tbody> </table> |                                          |                     |                           |                                       |                            |                                                 | Code                       | Parameter Name                      | Monitoring Location | Season #  | Param. NODI         | Qualifier 1                        | Value 1                            | Quantity or Loading    | Qualifier 2                      | Value 2                | Units | Qualifier 1 Value 1 | Qualifier 2 | Value 3 | Units | # of Ex. Frequency of Analysis | Sample Type | 00310 | BOD, 5-day, 20 deg. C | 1 - Effluent Gross | 0 | - | Sample =<br>Permit Req. <= | 0.312<br>5.0 30DA AVG | Req Mon DAILY MX 26 - lb/d | 0.312<br>Req Mon DAILY MX 26 - lb/d | 26 - lb/d | 26 - lb/d | <= | 4.0<br>30.0 30DA AVG | 4.0<br>45.0 MX 7D AV | 19 - mg/L<br>19 - mg/L | 0130 - Monthly<br>0130 - Monthly | GR - GRAB<br>GR - GRAB | 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | - | Sample =<br>Permit Req. <= | 0.39<br>12.0 30DA AVG | Req Mon DAILY MX 26 - lb/d | 0.39<br>Req Mon DAILY MX 26 - lb/d | 26 - lb/d | 26 - lb/d | <= | 5.0<br>75.0 30DA AVG | 5.0<br>110.0 MX 7D AV | 19 - mg/L<br>19 - mg/L | 0107 - Weekly<br>0107 - Weekly | GR - GRAB<br>GR - GRAB | 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 0 | - | Sample =<br>Permit Req. <= | 0.05<br>0.05 30DA AVG | Req Mon DAILY MX 19 - mg/L | 0.05<br>Req Mon 30DA AVG | 19 - mg/L | 19 - mg/L | <= | 0.05<br>Req Mon DAILY MX 19 - mg/L | 0.05<br>Req Mon DAILY MX 19 - mg/L | 19 - mg/L<br>19 - mg/L | 0130 - Monthly<br>0130 - Monthly | GR - GRAB<br>GR - GRAB | 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | - | Sample =<br>Permit Req. <= | 0.009<br>0.02 30DA AVG | Req Mon DAILY MX 03 - MGD | 0.009<br>Req Mon DAILY MX 03 - MGD | 03 - MGD | 03 - MGD | <= | 0.05<br>Req Mon 30DA AVG | 0.05<br>Req Mon DAILY MX 19 - mg/L | 19 - mg/L<br>19 - mg/L | 0130 - Monthly<br>0130 - Monthly | GR - GRAB<br>GR - GRAB |
| Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Parameter Name                           | Monitoring Location | Season #                  | Param. NODI                           | Qualifier 1                | Value 1                                         | Quantity or Loading        | Qualifier 2                         | Value 2             | Units     | Qualifier 1 Value 1 | Qualifier 2                        | Value 3                            | Units                  | # of Ex. Frequency of Analysis   | Sample Type            |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| 00310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | BOD, 5-day, 20 deg. C                    | 1 - Effluent Gross  | 0                         | -                                     | Sample =<br>Permit Req. <= | 0.312<br>5.0 30DA AVG                           | Req Mon DAILY MX 26 - lb/d | 0.312<br>Req Mon DAILY MX 26 - lb/d | 26 - lb/d           | 26 - lb/d | <=                  | 4.0<br>30.0 30DA AVG               | 4.0<br>45.0 MX 7D AV               | 19 - mg/L<br>19 - mg/L | 0130 - Monthly<br>0130 - Monthly | GR - GRAB<br>GR - GRAB |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| 00530                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Solids, total suspended                  | 1 - Effluent Gross  | 0                         | -                                     | Sample =<br>Permit Req. <= | 0.39<br>12.0 30DA AVG                           | Req Mon DAILY MX 26 - lb/d | 0.39<br>Req Mon DAILY MX 26 - lb/d  | 26 - lb/d           | 26 - lb/d | <=                  | 5.0<br>75.0 30DA AVG               | 5.0<br>110.0 MX 7D AV              | 19 - mg/L<br>19 - mg/L | 0107 - Weekly<br>0107 - Weekly   | GR - GRAB<br>GR - GRAB |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| 00610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross  | 0                         | -                                     | Sample =<br>Permit Req. <= | 0.05<br>0.05 30DA AVG                           | Req Mon DAILY MX 19 - mg/L | 0.05<br>Req Mon 30DA AVG            | 19 - mg/L           | 19 - mg/L | <=                  | 0.05<br>Req Mon DAILY MX 19 - mg/L | 0.05<br>Req Mon DAILY MX 19 - mg/L | 19 - mg/L<br>19 - mg/L | 0130 - Monthly<br>0130 - Monthly | GR - GRAB<br>GR - GRAB |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| 50050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0                         | -                                     | Sample =<br>Permit Req. <= | 0.009<br>0.02 30DA AVG                          | Req Mon DAILY MX 03 - MGD  | 0.009<br>Req Mon DAILY MX 03 - MGD  | 03 - MGD            | 03 - MGD  | <=                  | 0.05<br>Req Mon 30DA AVG           | 0.05<br>Req Mon DAILY MX 19 - mg/L | 19 - mg/L<br>19 - mg/L | 0130 - Monthly<br>0130 - Monthly | GR - GRAB<br>GR - GRAB |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Submission Note</b><br>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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Edit Check Errors</b><br>No errors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Attachments</b><br>No attachments.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Report Last Saved By</b><br><b>Mountain Coal Co LLC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| User:<br>Name:<br>E-Mail:<br>Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| 3WELTBOYS<br>Kaltheen Welt<br>kwelt@archcoal.com<br>2020-06-26 10:52 (Time Zone: -06:00)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| <b>Report Last Signed By</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| User:<br>Name:<br>E-Mail:<br>Date/Time:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |
| JPOULOS_5041<br>John Poulos<br>jpoulos@archcoal.com<br>2020-06-26 11:06 (Time Zone: -06:00)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                          |                     |                           |                                       |                            |                                                 |                            |                                     |                     |           |                     |                                    |                                    |                        |                                  |                        |       |                     |             |         |       |                                |             |       |                       |                    |   |   |                            |                       |                            |                                     |           |           |    |                      |                      |                        |                                  |                        |       |                         |                    |   |   |                            |                       |                            |                                    |           |           |    |                      |                       |                        |                                |                        |       |                                |                    |   |   |                            |                       |                            |                          |           |           |    |                                    |                                    |                        |                                  |                        |       |                                          |                    |   |   |                            |                        |                           |                                    |          |          |    |                          |                                    |                        |                                  |                        |



## DMR Copy of Record

|                                                                                                                                                                                                                                                                                                        |                          |                           |                    |                                    |                    |                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------|--------------------|------------------------------------|--------------------|-------------------------------------------------|
| Permit                                                                                                                                                                                                                                                                                                 | Permit #:                | C00038776                 | 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 05/01/20 to 05/31/20 | DMR Due Date:      | 06/28/20                           | 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:                   |                           |                    |                                    |                    |                                                 |
| Last Name:                                                                                                                                                                                                                                                                                             | Telephone:               |                           |                    |                                    |                    |                                                 |
| Form NODI:                                                                                                                                                                                                                                                                                             | No Data Indicator (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               |             |
| 00094 | Conductivity                 | 1 - Effluent Gross  | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 00400 | pH                           | 1 - Effluent Gross  | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 00440 | Bicarbonate Ion [as HCO3]    | 1 - Effluent Gross  | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 00530 | Solids, total suspended      | 1 - Effluent Gross  | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 00918 | Calcium, total recoverable   | 1 - Effluent Gross  | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 00921 | Magnesium, total recoverable | 1 - Effluent Gross  | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 00923 | Sodium, total recoverable    | 1 - Effluent Gross  | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 00931 | Sodium adsorption ratio      | EG - Effluent Gross | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 00931 | Sodium adsorption ratio      | P - See Comments    | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 00940 | Chloride [as Cl]             | 1 - Effluent Gross  | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 00978 | Arsenic, total recoverable   | 1 - Effluent Gross  | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 00980 | Iron, total recoverable      | 1 - Effluent Gross  | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |
| 01046 | Iron, dissolved [as Fe]      | 1 - Effluent Gross  | 0        | --          |                               |         |                          |         |             |         |             |                       |             |
|       |                              |                     |          |             | Sample Permit Req. Value NODI |         |                          |         |             |         |             |                       |             |

|       |                                            |                    |   |   |                                      |                                               |                                      |                                   |                                   |
|-------|--------------------------------------------|--------------------|---|---|--------------------------------------|-----------------------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|
| 01056 | Manganese, dissolved [as Mn]               | 1 - Effluent Gross | 0 | - | Value NODI                           | C - No Discharge                              | 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          | 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 30DA AVG<br>C - No Discharge          | 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 dissolved | 1 - Effluent Gross | 0 | - | Sample<br>Permit Req.<br>Value NODI  | Req Mon 30DA AVG<br>C - No Discharge          | 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<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 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 |
| 01322 | Nickel, 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 |
| 01323 | Selenium, 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 |
| 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                            | 7/7/77 - 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          | 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 | - | 0.03 30DA AVG<br>C - No Discharge    | Req Mon DAILY MX 03 - MGD<br>C - No Discharge | IN - INSTAN                          | 01/30 - Monthly                   |                                   |
| 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  | Req Mon 30DA AVG<br>C - No Discharge          | 19 - mg/L                            | 02/30 - Twice Per Month GR - GRAB |                                   |
| 84056 | Oil and grease visual                      | 1 - Effluent Gross | 0 | - | Req Mon INST MAX<br>C - No Discharge | AB - Abs=0.9ml=1                              | VI - VISUAL                          | 01/30 - Monthly                   |                                   |

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:

2020-06-25 12:47 (Time Zone: -06:00)

**Report Last Signed By**

User:

JPOULOS\_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-06-26 11:06 (Time Zone: -06:00)



[illegible]

| Code  | Parameter Name               | Monitoring Location | Season #Param. NODI | Sample Permit Req. Value NODI | Quantifier 1 | Value 1 | Quantity or Loading Quantifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units     | # of Es. Frequency of Analysis Sample Type |
|-------|------------------------------|---------------------|---------------------|-------------------------------|--------------|---------|----------------------------------|---------|-------|-------------|---------|-------------|---------|-------------|---------|-----------|--------------------------------------------|
| 00094 | Conductivity                 | 1 - Effluent Gross  | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         | 78 - dS/m | 02/30 - Twice Per Month GR - GRAB          |
| 00400 | pH                           | 1 - Effluent Gross  | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 01/30 - Monthly GR - GRAB                  |
| 00440 | Bicarbonate Ion: [as HCO3]   | 1 - Effluent Gross  | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 02/30 - Twice Per Month GR - GRAB          |
| 00530 | Solids, total suspended      | 1 - Effluent Gross  | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 01/30 - Monthly GR - GRAB                  |
| 00918 | Calcium, total recoverable   | 1 - Effluent Gross  | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 02/30 - Twice Per Month GR - GRAB          |
| 00921 | Magnesium, total recoverable | 1 - Effluent Gross  | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 02/30 - Twice Per Month GR - GRAB          |
| 00923 | Sodium, total recoverable    | 1 - Effluent Gross  | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 02/30 - Twice Per Month GR - GRAB          |
| 00931 | Sodium adsorption ratio      | EG - Effluent Gross | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 02/30 - Twice Per Month CA - CALCTD        |
| 00931 | Sodium adsorption ratio      | P - Sae Comments    | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 02/30 - Twice Per Month CA - CALCTD        |
| 00940 | Chloride [as Cl]             | 1 - Effluent Gross  | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 02/30 - Twice Per Month GR - GRAB          |
| 00978 | Arsenic, total recoverable   | 1 - Effluent Gross  | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 02/30 - Twice Per Month GR - GRAB          |
| 00980 | Iron, total recoverable      | 1 - Effluent Gross  | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 01/30 - Monthly GR - GRAB                  |
| 01058 | Manganese, dissolved [as Mn] | 1 - Effluent Gross  | 0                   | -                             |              |         |                                  |         |       |             |         |             |         |             |         |           | 02/30 - Twice Per Month GR - GRAB          |

|       |                                            |                    |   |   |                                                  |                                      |                                      |                   |                                   |
|-------|--------------------------------------------|--------------------|---|---|--------------------------------------------------|--------------------------------------|--------------------------------------|-------------------|-----------------------------------|
| 01074 | Nickel, total recoverable                  | 1 - Effluent Gross | 0 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | C - No Discharge                     | 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 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | Req Mon DAILY MX<br>C - No Discharge | 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 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | Req Mon 30DA AVG<br>C - No Discharge | Req Mon 30DA AVG<br>C - No Discharge | 28 - ug/L         | 02/30 - Twice Per Month GR - GRAB |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross | 0 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | 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 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | 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 dissolved | 1 - Effluent Gross | 0 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | Req Mon 30DA AVG<br>C - No Discharge | 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 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | 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 dissolved           | 1 - Effluent Gross | 0 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | 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 dissolved              | 1 - Effluent Gross | 0 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | 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 dissolved            | 1 - Effluent Gross | 0 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | 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 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | 10.0 INST MAX<br>C - No Discharge    | 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 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | Req Mon DAILY MX<br>C - No Discharge | Req Mon DAILY MX<br>C - No Discharge | 28 - ug/L         | 02/30 - Twice Per Month GR - GRAB |
| 50050 | Flow, in conduit or first treatment plant  | 1 - Effluent Gross | 0 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | 0.014 30DA AVG<br>C - No Discharge   | Req Mon DAILY MX<br>C - No Discharge | 03 - MGD          | 01/30 - Monthly IN - INSTAN       |
| 50286 | Mercury, total [low level]                 | 1 - Effluent Gross | 0 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | Req Mon 30DA AVG<br>C - No Discharge | 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 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | Req Mon 30DA AVG<br>C - No Discharge | Req Mon 30DA AVG<br>C - No Discharge | 19 - mg/L         | 02/30 - Twice Per Month GR - GRAB |
| 81020 | Sulfate                                    | 1 - Effluent Gross | 0 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | Req Mon 30DA AVG<br>C - No Discharge | 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 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | Req Mon 30DA AVG<br>C - No Discharge | Req Mon 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 | — | Value NODL<br>Sample<br>Permit Req<br>Value NODL | Req Mon INST MAX<br>C - No Discharge | Req Mon INST MAX<br>C - No Discharge | AB - abstr-0.0001 | 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 Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2020-06-25 12:48 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS\_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-06-26 11:06 (Time Zone: -06:00)



[illegible]

| Form NODI:     |                                            |                                          |                                 |       |                                        |
|----------------|--------------------------------------------|------------------------------------------|---------------------------------|-------|----------------------------------------|
| Parameter Name |                                            | Monitoring Location Season & Param. NODI |                                 |       |                                        |
| Code           |                                            | Value 1                                  | Quantity or Loading Qualifier 2 | Units | Qualifier 1 Value 1 Quantity 2 Value 2 |
| 00400          | pH                                         | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 00530          | Solids, total suspended                    | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 00940          | Chloride [as Cl]                           | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 00978          | Arsenic, total recoverable                 | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 00980          | Iron, total recoverable                    | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 01046          | Iron, dissolved [as Fe]                    | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 01056          | Manganese, dissolved [as Mn]               | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 01074          | Nickel, total recoverable                  | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 01114          | Lead, total recoverable                    | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 01118          | Chromium, total recoverable                | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 01303          | Zinc, potentially dissolved                | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 01306          | Copper, potentially dissolved              | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |
| 01314          | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross                       | 0 --                            |       | Sample Permit Req. Value NODI          |

| C - No Discharge |                                          |                    |   |    |  |  |                                               |                                                |                                  |
|------------------|------------------------------------------|--------------------|---|----|--|--|-----------------------------------------------|------------------------------------------------|----------------------------------|
| Value NOD/       |                                          |                    |   |    |  |  |                                               |                                                |                                  |
| 01318            | Lead, potentially dissolved              | 1 - Effluent Gross | 0 | -- |  |  | Req Mon 30DA AVG<br>C - No Discharge          | Req Mon DAILY MX 28 - ug/L<br>C - No Discharge | 0230 - Twice Per Month GR - GRAB |
| 01319            | Manganese, potentially dissolved         | 1 - Effluent Gross | 0 | -- |  |  | Req Mon 30DA AVG<br>C - No Discharge          | Req Mon DAILY MX 28 - ug/L<br>C - No Discharge | 0230 - Twice Per Month GR - GRAB |
| 01322            | Nickel, potentially dissolved            | 1 - Effluent Gross | 0 | -- |  |  | Req Mon 30DA AVG<br>C - No Discharge          | Req Mon DAILY MX 28 - ug/L<br>C - No Discharge | 0230 - Twice Per Month GR - GRAB |
| 01323            | Selenium, potentially dissolved          | 1 - Effluent Gross | 0 | -- |  |  | Req Mon 30DA AVG<br>C - No Discharge          | Req Mon DAILY MX 28 - ug/L<br>C - No Discharge | 0230 - Twice Per Month GR - GRAB |
| 03562            | Oil and grease                           | 1 - Effluent Gross | 0 | -- |  |  | 10.0 INST MAX<br>C - No Discharge             | 19 - mg/L<br>C - No Discharge                  | 7777 - Contingent GR - GRAB      |
| 04262            | Chromium, trivalent total recoverable    | 1 - Effluent Gross | 0 | -- |  |  | Req Mon DAILY MX<br>C - No Discharge          | Req Mon DAILY MX 28 - ug/L<br>C - No Discharge | 0230 - Twice Per Month GR - GRAB |
| 50050            | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- |  |  | Req Mon DAILY MX 03 - MGD<br>C - No Discharge |                                                | 0130 - Monthly IN - INSTAN       |
| 50286            | Mercury, total [low level]               | 1 - Effluent Gross | 0 | -- |  |  | Req Mon 30DA AVG<br>C - No Discharge          | 28 - ug/L                                      | 0230 - Twice Per Month GR - GRAB |
| 51202            | Sulfide-hydrogen sulfide [undissociated] | 1 - Effluent Gross | 0 | -- |  |  | Req Mon 30DA AVG<br>C - No Discharge          | 19 - mg/L                                      | 0230 - Twice Per Month GR - GRAB |
| 81020            | Sulfate                                  | 1 - Effluent Gross | 0 | -- |  |  | Req Mon 30DA AVG<br>C - No Discharge          | 19 - mg/L                                      | 0230 - Twice Per Month GR - GRAB |
| 82057            | Boron, total                             | 1 - Effluent Gross | 0 | -- |  |  | Req Mon 30DA AVG<br>C - No Discharge          | 19 - mg/L                                      | 0230 - Twice Per Month GR - GRAB |
| 84086            | Oil and grease visual                    | 1 - Effluent Gross | 0 | -- |  |  | Req Mon INST MAX<br>C - No Discharge          |                                                | 0130 - Monthly V/I - 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:

Name:

E-Mail:

Date/Time:

#### Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Well

kwel@archcoal.com

2020-06-25 12:48 (Time Zone: -06:00)

JPOULOS\_5041

John Poulos

jpoulos@archcoal.com

2020-06-26 11:06 (Time Zone: -06:00)

# DMR Copy of Record

**Permit**  
 Permit #: **C00038776**  
 Major: **No**  
 Facility: **WEST ELK MINE**  
 Facility Location: **HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434**  
 Discharge: **014-AA Surface Runoff to Sylvester Gulch**  
 DMR Due Date: **06/28/20**  
 Status: **NetDMR Validated**

**Report Dates & Status**  
 Monitoring Period: **From 05/01/20 to 05/31/20**  
 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: \_\_\_\_\_  
 Last Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Telephone: \_\_\_\_\_

| Parameter Name                                 | Monitoring Location | Session # | Param. NODI | Sample Permit Req. Value NODI | Quantity or Loading Qualifier 1 Value 1 | Qualifier 2 Value 2            | Units    | Qualifier 1 Value 1            | Qualifier 2 Value 2            | Quality or Concentration Qualifier 2 Value 2 | Qualifier 3 Value 3            | Units     | # of Ex. Frequency of Analysis Sample Type |
|------------------------------------------------|---------------------|-----------|-------------|-------------------------------|-----------------------------------------|--------------------------------|----------|--------------------------------|--------------------------------|----------------------------------------------|--------------------------------|-----------|--------------------------------------------|
| 00400 pH                                       | 1 - Effluent Gross  | 0         | --          | Sample Permit Req. Value NODI | 0.03 30DA AVG C - No Discharge          | 0.03 30DA AVG C - No Discharge | 03 - MGD | 0.03 30DA AVG C - No Discharge | 0.03 30DA AVG C - No Discharge | 35.0 30DA AVG C - No Discharge               | 70.0 DAILY MX C - No Discharge | 19 - mg/L | 01/30 - Monthly GR - GRAB                  |
| 00530 Solids, total suspended                  | 1 - Effluent Gross  | 0         | --          | Sample Permit Req. Value NODI | 0.03 30DA AVG C - No Discharge          | 0.03 30DA AVG C - No Discharge | 03 - MGD | 0.03 30DA AVG C - No Discharge | 0.03 30DA AVG C - No Discharge | 35.0 30DA AVG C - No Discharge               | 70.0 DAILY MX C - No Discharge | 19 - mg/L | 01/30 - Monthly GR - GRAB                  |
| 00980 Iron, total recoverable                  | 1 - Effluent Gross  | 0         | --          | Sample Permit Req. Value NODI | 0.03 30DA AVG C - No Discharge          | 0.03 30DA AVG C - No Discharge | 03 - MGD | 0.03 30DA AVG C - No Discharge | 0.03 30DA AVG C - No Discharge | 35.0 30DA AVG C - No Discharge               | 70.0 DAILY MX C - No Discharge | 19 - mg/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 C - No Discharge          | 0.03 30DA AVG C - No Discharge | 03 - MGD | 0.03 30DA AVG C - No Discharge | 0.03 30DA AVG C - No Discharge | 35.0 30DA AVG C - No Discharge               | 70.0 DAILY MX C - No Discharge | 19 - mg/L | 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**

NO DISCHARGE

**Attachments**

No attachments.

**Report Last Saved By**

Mountain Coal Co LLC

**User:**

3WELTBOYS

**Name:**

Kathleen Weit

**E-Mail:**

kweit@archcoal.com

**Date/Time:**

2020-06-25 12:48 (Time Zone: -06:00)

**Report Last Signed By**

JPOULOS\_5041

**User:**

John Poulos

**Name:**

j.poulos@archcoal.com

**E-Mail:**

2020-06-26 11:06 (Time Zone: -06:00)

**Date/Time:**



# DMR Copy of Record

|                                                                                                                                                                                                                                                                                                                                               |                                                                         |                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Permit<br>Permit #: <b>CO0038776</b><br>Major: No                                                                                                                                                                                                                                                                                             | Permittee:<br>Mountain Coal Co LLC<br>5174 Hwy 133<br>Someset, CO 81434 | Facility:<br>Facility Location:<br>WEST ELK MINE<br>HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature:<br>015<br>External Outfall                                                                                                                                                                                                                                                                                                 | Discharge:<br>015-AA<br>Surface Runoff to N. Fork of Gunnison River     |                                                                                                     |
| Report Dates & Status<br>Monitoring Period:<br>From 05/01/20 to 05/31/20                                                                                                                                                                                                                                                                      | DMR Due Date:<br>06/28/20                                               | Status:<br>NetDMR Validated                                                                         |
| Considerations for Form Completion<br>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:                                                                  |                                                                                                     |
| Last Name:                                                                                                                                                                                                                                                                                                                                    | Telephone:                                                              |                                                                                                     |
| No Data Indicator (NODI)                                                                                                                                                                                                                                                                                                                      |                                                                         |                                                                                                     |
| Form NODI:                                                                                                                                                                                                                                                                                                                                    |                                                                         |                                                                                                     |

| Code  | Parameter Name               | Monitoring Location | Season # | Permit NODI | Qualifier 1 | Value 1 | Quantity or Loading | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quality or Concentration             | Qualifier 3 | Value 3 | Units      | # of Ex. | Frequency of Analysis | Sample Type |
|-------|------------------------------|---------------------|----------|-------------|-------------|---------|---------------------|-------------|---------|-------|-------------|---------|-------------|---------|--------------------------------------|-------------|---------|------------|----------|-----------------------|-------------|
| 00084 | Conductivity                 | 1 - Effluent Gross  | 0        | -           |             |         |                     |             |         |       |             |         |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         | 78 - cS/cm | 0230     | - Twice Per Month     | GR - GRAB   |
| 00400 | pH                           | 1 - Effluent Gross  | 0        | -           |             |         |                     |             |         |       |             |         |             |         | 6.5 MINIMUM<br>C - No Discharge      |             |         | 12 - SU    | 0120     | - Monthly             | GR - GRAB   |
| 00440 | Bicarbonate Ion- [as HCO3]   | 1 - Effluent Gross  | 0        | -           |             |         |                     |             |         |       |             |         |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         | 19 - mg/L  | 0230     | - Twice Per Month     | GR - GRAB   |
| 00530 | Solids, total suspended      | 1 - Effluent Gross  | 0        | -           |             |         |                     |             |         |       |             |         |             |         | 35.0 30DA AVG<br>C - No Discharge    |             |         | 19 - mg/L  | 0120     | - Monthly             | GR - GRAB   |
| 00916 | Calcium, total recoverable   | 1 - Effluent Gross  | 0        | -           |             |         |                     |             |         |       |             |         |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         | 19 - mg/L  | 0230     | - Twice Per Month     | GR - GRAB   |
| 00921 | Magnesium, total recoverable | 1 - Effluent Gross  | 0        | -           |             |         |                     |             |         |       |             |         |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         | 19 - mg/L  | 0230     | - Twice Per Month     | GR - GRAB   |
| 00923 | Sodium, total recoverable    | 1 - Effluent Gross  | 0        | -           |             |         |                     |             |         |       |             |         |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         | 19 - mg/L  | 0230     | - Twice Per Month     | GR - GRAB   |
| 00931 | Sodium adsorption ratio      | EG - Effluent Gross | 0        | -           |             |         |                     |             |         |       |             |         |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         | 1U - Ratio | 0230     | - Twice Per Month     | CA - CALCTD |
| 00931 | Sodium adsorption ratio      | P - See Comments    | 0        | -           |             |         |                     |             |         |       |             |         |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         | 1U - Ratio | 0230     | - Twice Per Month     | CA - CALCTD |
| 00940 | Chloride [as Cl]             | 1 - Effluent Gross  | 0        | -           |             |         |                     |             |         |       |             |         |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         | 19 - mg/L  | 0230     | - Twice Per Month     | GR - GRAB   |
| 00978 | Arsenic, total recoverable   | 1 - Effluent Gross  | 0        | -           |             |         |                     |             |         |       |             |         |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         | 28 - ug/L  | 0230     | - Twice Per Month     | GR - GRAB   |
| 00980 | Iron, total recoverable      | 1 - Effluent Gross  | 0        | -           |             |         |                     |             |         |       |             |         |             |         | 3000.0 30DA AVG<br>C - No Discharge  |             |         | 28 - ug/L  | 0120     | - Monthly             | GR - GRAB   |
| 01046 | Iron, dissolved [as Fe]      | 1 - Effluent Gross  | 0        | -           |             |         |                     |             |         |       |             |         |             |         | 3287.0 30DA AVG<br>C - No Discharge  |             |         | 28 - ug/L  | 0230     | - Twice Per Month     | GR - GRAB   |

|                  |                                            |                    |   |   |            |                  |                     |                                   |                                   |
|------------------|--------------------------------------------|--------------------|---|---|------------|------------------|---------------------|-----------------------------------|-----------------------------------|
| C - No Discharge |                                            |                    |   |   |            |                  |                     |                                   |                                   |
| 01056            | Manganese, dissolved (as Mn)               | 1 - Effluent Gross | 0 | — | Value NODI | Sample           | Req Mon 30DA AVG    | 28 - ug/L                         | 02/30 - Twice Per Month GR - GRAB |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 01074            | Nickel, total recoverable                  | 1 - Effluent Gross | 0 | — | Sample     | Req Mon 30DA AVG | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 01114            | Lead, total recoverable                    | 1 - Effluent Gross | 0 | — | Sample     | Req Mon DAILY MX | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 01118            | Chromium, total recoverable                | 1 - Effluent Gross | 0 | — | Sample     | Req Mon 30DA AVG | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 01303            | Zinc, potentially dissolved                | 1 - Effluent Gross | 0 | — | Sample     | Req Mon DAILY MX | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 01306            | Copper, potentially dissolved              | 1 - Effluent Gross | 0 | — | Sample     | Req Mon 30DA AVG | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 01314            | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross | 0 | — | Sample     | Req Mon 30DA AVG | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 01318            | Lead, potentially dissolved                | 1 - Effluent Gross | 0 | — | Sample     | Req Mon DAILY MX | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 01319            | Manganese, potentially dissolved           | 1 - Effluent Gross | 0 | — | Sample     | Req Mon DAILY MX | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 01322            | Nickel, potentially dissolved              | 1 - Effluent Gross | 0 | — | Sample     | Req Mon DAILY MX | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 01323            | Selenium, potentially dissolved            | 1 - Effluent Gross | 0 | — | Sample     | Req Mon 30DA AVG | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 03582            | Oil and grease                             | 1 - Effluent Gross | 0 | — | Sample     | 10.0 INST MAX    | 19 - mg/L           | 7/1/77 - Contingent               | GR - GRAB                         |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 04262            | Chromium, trivalent total recoverable      | 1 - Effluent Gross | 0 | — | Sample     | Req Mon DAILY MX | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 50050            | Flow, in conduit or thru treatment plant   | 1 - Effluent Gross | 0 | — | Sample     | Req Mon DAILY MX | 03 - MGD            | 01/03 - Monthly                   | IN - INSTAN                       |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 50286            | Mercury, total [low level]                 | 1 - Effluent Gross | 0 | — | Sample     | Req Mon 30DA AVG | 28 - ug/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 51202            | Sulfide-hydrogen sulfide [undissociated]   | 1 - Effluent Gross | 0 | — | Sample     | Req Mon 30DA AVG | 19 - mg/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 81020            | Sulfate                                    | 1 - Effluent Gross | 0 | — | Sample     | Req Mon 30DA AVG | 19 - mg/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 82057            | Boron, total                               | 1 - Effluent Gross | 0 | — | Sample     | Req Mon 30DA AVG | 19 - mg/L           | 02/30 - Twice Per Month GR - GRAB |                                   |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | C - No Discharge    |                                   |                                   |
| 84056            | Oil and grease visual                      | 1 - Effluent Gross | 0 | — | Sample     | Req Mon INST MAX | AB - abstr=0;grat=1 | 01/03 - Monthly                   | VI - VISUAL                       |
|                  |                                            |                    |   |   | Permit Req | Value NODI       | 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:

2020-06-25 12:49 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS\_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-06-26 11:06 (Time Zone: -06:00)



|                    |                         |                    |                                    |                    |                                                 |
|--------------------|-------------------------|--------------------|------------------------------------|--------------------|-------------------------------------------------|
| 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 & MWTF        |                    |                                                 |

| Report Dates & Status |                           |
|-----------------------|---------------------------|
| Monitoring Period:    | From 05/01/20 to 05/31/20 |
| DMR Due Date:         | 06/28/20                  |
| 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. 6. REPORT CALCULATED SAR AT MLOO=EG, ADJUSTED SAR AT MLOO=P.

*Principal Executive Officer*

First Name: \_\_\_\_\_ Title: \_\_\_\_\_

Telephone: \_\_\_\_\_

[illegible]

| Form NOD1:     |                              |                     |   |                      |  |                               |         |             |                                 |                                      |                                   |                                            |                                     |
|----------------|------------------------------|---------------------|---|----------------------|--|-------------------------------|---------|-------------|---------------------------------|--------------------------------------|-----------------------------------|--------------------------------------------|-------------------------------------|
| Parameter Name |                              | Monitoring Location |   | Season # Param. NOD1 |  | Quantity or Loading           |         |             | Quality or Concentration        |                                      |                                   | # of Ex. Frequency of Analysis Sample Type |                                     |
| Code           |                              |                     |   |                      |  | Qualifier 1                   | Value 1 | Qualifier 2 | Value 2                         | Units                                | Qualifier 3                       | Value 3                                    | Units                               |
| 00094          | Conductivity                 | 1 - Effluent Gross  | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | Req Mon 30DA AVG<br>C - No Discharge |                                   |                                            | 78 - dS/m                           |
| 00400          | pH                           | 1 - Effluent Gross  | 0 | --                   |  | Sample Permit Req. Value NOD1 |         | >=          | 6.5 MINIMUM<br>C - No Discharge |                                      | <=                                | 9.0 MAXIMUM<br>C - No Discharge            | 01/30 - Monthly GR - GRAB           |
| 00440          | Bicarbonate Ion- [as HCO3]   | 1 - Effluent Gross  | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | Req Mon 30DA AVG<br>C - No Discharge |                                   |                                            | 02/30 - Twice Per Month GR - GRAB   |
| 00530          | Solids, total suspended      | 1 - Effluent Gross  | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | <=                                   | 35.0 30DA AVG<br>C - No Discharge | 70.0 DAILY MX<br>C - No Discharge          | 01/30 - Monthly GR - GRAB           |
| 00918          | Calcium, total recoverable   | 1 - Effluent Gross  | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | Req Mon 30DA AVG<br>C - No Discharge |                                   |                                            | 02/30 - Twice Per Month GR - GRAB   |
| 00921          | Magnesium, total recoverable | 1 - Effluent Gross  | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | Req Mon 30DA AVG<br>C - No Discharge |                                   |                                            | 02/30 - Twice Per Month GR - GRAB   |
| 00923          | Sodium, total recoverable    | 1 - Effluent Gross  | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | Req Mon 30DA AVG<br>C - No Discharge |                                   |                                            | 02/30 - Twice Per Month GR - GRAB   |
| 00931          | Sodium adsorption ratio      | EG - Effluent Gross | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | Req Mon DAILY MX<br>C - No Discharge |                                   |                                            | 02/30 - Twice Per Month CA - CALC/D |
| 00931          | Sodium adsorption ratio      | P - See Comments    | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | Req Mon DAILY MX<br>C - No Discharge |                                   |                                            | 02/30 - Twice Per Month CA - CALC/D |
| 00940          | Chloride [as Cl]             | 1 - Effluent Gross  | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | Req Mon 30DA AVG<br>C - No Discharge |                                   |                                            | 02/30 - Twice Per Month GR - GRAB   |
| 00978          | Arsenic, total recoverable   | 1 - Effluent Gross  | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | 100.0 30DA AVG<br>C - No Discharge   |                                   |                                            | 02/30 - Twice Per Month GR - GRAB   |
| 00980          | Iron, total recoverable      | 1 - Effluent Gross  | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | 1000.0 30DA AVG<br>C - No Discharge  |                                   |                                            | 01/30 - Monthly GR - GRAB           |
| 01056          | Manganese, dissolved [as Mn] | 1 - Effluent Gross  | 0 | --                   |  | Sample Permit Req. Value NOD1 |         |             |                                 | Req Mon 30DA AVG                     |                                   |                                            | 02/30 - Twice Per Month GR - GRAB   |



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:

2020-06-25 12:49 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS\_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-06-26 11:06 (Time Zone: -06:00)



DMR Copy of Record

|                                                                                                                                                                                                                            |                         |                                                                 |                                                 |             |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------|-------------------------------------------------|-------------|-------------|
| Permit                                                                                                                                                                                                                     |                         | Permittee:                                                      |                                                 | Facility:   |             |
| Permit #:                                                                                                                                                                                                                  | CO0038776               | Mountain Coal Co LLC                                            | WEST ELK MINE                                   |             |             |
| Major:                                                                                                                                                                                                                     | No                      | 5174 Hwy 133<br>Somersel, CO 81434                              | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |             |             |
| Permitted Feature:                                                                                                                                                                                                         |                         | Discharge:                                                      |                                                 |             |             |
| 025<br>External Outfall                                                                                                                                                                                                    |                         | 025-A<br>Stormwater from Drainage Basin 49A5 to Sylvester Gulch |                                                 |             |             |
| Report Dates & Status                                                                                                                                                                                                      |                         |                                                                 |                                                 |             |             |
| Monitoring Period:                                                                                                                                                                                                         |                         | DMR Due Date:                                                   | Status:                                         |             |             |
| From 05/01/20 to 05/31/20                                                                                                                                                                                                  |                         | 06/28/20                                                        | NetDMR Validated                                |             |             |
| Considerations for Form Completion                                                                                                                                                                                         |                         |                                                                 |                                                 |             |             |
| Principal Executive Officer                                                                                                                                                                                                |                         | Telephone:                                                      |                                                 |             |             |
| First Name:                                                                                                                                                                                                                |                         | Title:                                                          |                                                 |             |             |
| Last Name:                                                                                                                                                                                                                 |                         |                                                                 |                                                 |             |             |
| Form NODI:                                                                                                                                                                                                                 |                         | No Data Indicator (NODI)                                        |                                                 |             |             |
| Parameter                                                                                                                                                                                                                  | Monitoring Location     | Session #                                                       | Param. NODI                                     |             |             |
| Code                                                                                                                                                                                                                       | Name                    | Qualifier 1                                                     | Qualifier 2                                     | Qualifier 3 | Qualifier 4 |
| 00400                                                                                                                                                                                                                      | pH                      | 1 - Effluent Gross                                              | 0                                               | --          | --          |
| 00530                                                                                                                                                                                                                      | Solids, total suspended | 1 - Effluent Gross                                              | 0                                               | --          | --          |
| 00690                                                                                                                                                                                                                      | Iron, total recoverable | 1 - Effluent Gross                                              | 0                                               | --          | --          |
| 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:                                                                                                                                                                                                                 |                         |                                                                 |                                                 |             |             |
| 2020-06-26 10:50 (Time Zone: -06:00)                                                                                                                                                                                       |                         |                                                                 |                                                 |             |             |
| Report Last Signed By                                                                                                                                                                                                      |                         |                                                                 |                                                 |             |             |
| JPoulos_5041                                                                                                                                                                                                               |                         |                                                                 |                                                 |             |             |
| User:                                                                                                                                                                                                                      |                         |                                                                 |                                                 |             |             |
| John Poulos                                                                                                                                                                                                                |                         |                                                                 |                                                 |             |             |
| Name:                                                                                                                                                                                                                      |                         |                                                                 |                                                 |             |             |
| jpoulos@archcoal.com                                                                                                                                                                                                       |                         |                                                                 |                                                 |             |             |
| E-Mail:                                                                                                                                                                                                                    |                         |                                                                 |                                                 |             |             |
| 2020-06-26 11:06 (Time Zone: -06:00)                                                                                                                                                                                       |                         |                                                                 |                                                 |             |             |
| Date/Time:                                                                                                                                                                                                                 |                         |                                                                 |                                                 |             |             |



DMR Copy of Record

Permit

Permit #: CO0038776

Major: No

Permitted Feature: 026 External Outfall

Report Dates & Status

Monitoring Period: From 05/01/20 to 05/31/20

Considerations for Form Completion

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

Discharge: 026-A  
Stormwater from Drainage Basin 49A3 to Sylvester Gulch

DMR Due Date: 06/28/20

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

Status: NotDMR Validated

Telephone:

Title:

No Data Indicator (NODI)

Form NODI: -

| Code  | Parameter Name          | Monitoring Location | Session # | Param. NODI | Qualifier 1                   | Value 1                              | Qualifier 2         | Value 2             | Qualifier 3 | Value 3 | Units | # of Exc. | Frequency of Analysis | Sample Type |
|-------|-------------------------|---------------------|-----------|-------------|-------------------------------|--------------------------------------|---------------------|---------------------|-------------|---------|-------|-----------|-----------------------|-------------|
| 00400 | pH                      | 1 - Effluent Gross  | 0         | --          | Sample Permit Req. Value NODI | Req Mon MINIMUM<br>C - No Discharge  | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 3 | Value 3 | Units |           |                       |             |
| 00530 | Solids, total suspended | 1 - Effluent Gross  | 0         | --          | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge |                     |                     |             |         |       |           |                       |             |
| 00980 | Iron, total recoverable | 1 - Effluent Gross  | 0         | --          | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>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: kwelt@archcoal.com

Date/Time: 2020-06-26 10:50 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS\_5041

Name: John Poulos

E-Mail: jpoulos@archcoal.com

Date/Time: 2020-06-26 11:06 (Time Zone: -06:00)



DMR Copy of Record

Permit

Permit #: CO0038776

Major: No

Permitted Feature: 027 External Outfall

Report Dates & Status

Monitoring Period: From 05/01/20 to 05/31/20

Considerations for Form Completion

Permittee:

Mountain Coal Co LLC

5174 Hwy 133

Somersel, CO 81434

027-A

Stormwater from Drainage Basin 49A2 to Sylvester Gulch

06/28/20

DMR Due Date:

Facility:

WEST ELK MINE

HWY 133, E OF TOWN

GUNNISON COUNTY, CO 81434

Status:

NetDMR Validated

Telephone:

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

| Parameter Name                | Monitoring Location | Season & Perm. NODI | Quantity or Loading | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 3 Value 3 | Quality or Concentration | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 3 Value 3 | Req Mon MINIMUM  | Req Mon MAXIMUM  | Req Mon DAILY MX | Req Mon 30DA AVG | Req Mon DAILY MX | Req Mon 30DA AVG | Units     | # of Ex. Frequency of Analysis | Sample Type |
|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------------|---------------------|---------------------|---------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------|--------------------------------|-------------|
| 00400 pH                      | 1 - Effluent Gross  | 0                   | --                  |                     |                     |                     |                          |                     |                     |                     | C - No Discharge | C - No Discharge | C - No Discharge | C - No Discharge | C - No Discharge | C - No Discharge | 12 - SU   | 01/30 - Monthly                | GR - GRAB   |
| 00530 Solids, total suspended | 1 - Effluent Gross  | 0                   | --                  |                     |                     |                     |                          |                     |                     |                     | C - No Discharge | C - No Discharge | C - No Discharge | C - No Discharge | C - No Discharge | C - No Discharge | 19 - mg/L | 01/30 - Monthly                | GR - GRAB   |
| 00980 Iron, total recoverable | 1 - Effluent Gross  | 0                   | --                  |                     |                     |                     |                          |                     |                     |                     | C - No Discharge | C - No Discharge | C - No Discharge | C - No Discharge | C - No Discharge | C - No Discharge | 28 - ug/L | 01/30 - Monthly                | GR - GRAB   |

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:

2020-06-25 12:50 (Time Zone: -06:00)

Report Last Signed By

JPOULOS\_5041

User:

John Poulos

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-06-26 11:06 (Time Zone: -06:00)



## DMR Copy of Record

|                                              |                         |                                                                  |                                                 |                    |                                           |
|----------------------------------------------|-------------------------|------------------------------------------------------------------|-------------------------------------------------|--------------------|-------------------------------------------|
| <b>Permit</b>                                |                         | <b>Permittee:</b>                                                |                                                 | <b>Facility:</b>   |                                           |
| Permit #:                                    | CO0038776               | Mountain Coal Co LLC                                             | WEST ELK MINE                                   |                    |                                           |
| Major:                                       | No                      | 5174 Hwy 133<br>Someset, CO 81434                                | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |                    |                                           |
| <b>Permitted Feature:</b>                    |                         | <b>Discharge:</b>                                                |                                                 |                    |                                           |
| 030<br>External Outfall                      |                         | Stormwater from Drainage Basins 46B1 and 46B2 to Sylvester Gulch |                                                 |                    |                                           |
| <b>Report Dates &amp; Status</b>             |                         | <b>Status:</b>                                                   |                                                 |                    |                                           |
| Monitoring Period: From 05/01/20 to 05/31/20 |                         | NetDMR Validated                                                 |                                                 |                    |                                           |
| <b>Considerations for Form Completion</b>    |                         | <b>Telephone:</b>                                                |                                                 |                    |                                           |
| <b>Principal Executive Officer</b>           |                         | <b>Title:</b>                                                    |                                                 |                    |                                           |
| First Name:                                  |                         |                                                                  |                                                 |                    |                                           |
| Last Name:                                   |                         |                                                                  |                                                 |                    |                                           |
| <b>No Data Indicator (NODI)</b>              |                         |                                                                  |                                                 |                    |                                           |
| <b>Form NODI:</b>                            |                         |                                                                  |                                                 |                    |                                           |
| <b>Code</b>                                  | <b>Parameter Name</b>   | <b>Monitoring Location</b>                                       | <b>Season #</b>                                 | <b>Param. NODI</b> | <b>Sample Permit Req. Value NODI</b>      |
| 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<br>01/30 - Monthly<br>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 - ng/L<br>01/30 - Monthly<br>GR - GRAB |
| 00590                                        | Iron, 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>01/30 - Monthly<br>GR - GRAB |

**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:**  
2020-06-26 10:50 (Time Zone: -06:00)

**Report Last Signed By**  
JPoulos

**User:**  
JPoulos\_5041

**Name:**  
John Poulos

**E-Mail:**  
jpoulos@archcoal.com

**Date/Time:**  
2020-06-26 11:06 (Time Zone: -06:00)



# DMR Copy of Record

|                                    |                           |           |                    |                                                                         |                    |                                                 |
|------------------------------------|---------------------------|-----------|--------------------|-------------------------------------------------------------------------|--------------------|-------------------------------------------------|
| Permit                             | Permit #:                 | COM038776 | Permittee:         | Mountain Coal Co LLC                                                    | Facility:          | WEST ELK MINE                                   |
| Major:                             | No                        |           | Permittee Address: | 5174 Hwy 133<br>Someset, CO 81434                                       | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature:                 | 032<br>External Outfall   |           | Discharge:         | 032-A<br>Stormwater from Drainage Basins 43A and 43F to Sylvester Gulch |                    |                                                 |
| Report Dates & Status              |                           |           |                    |                                                                         |                    |                                                 |
| Monitoring Period:                 | From 05/01/20 to 05/31/20 |           | DMR Due Date:      | 06/28/20                                                                | Status:            | NetDMR Validated                                |
| Considerations for Form Completion |                           |           |                    |                                                                         |                    |                                                 |

|                             |  |        |            |  |
|-----------------------------|--|--------|------------|--|
| Principal Executive Officer |  |        | Telephone: |  |
| First Name:                 |  | Title: |            |  |
| Last Name:                  |  |        |            |  |

| Form NODI: |                         | Monitoring Location Season & Param. NODI |   | Quantity or Loading |                           | Quality or Concentration             |                     | # of Ex. Frequency of Analysis Sample Type |                                           |
|------------|-------------------------|------------------------------------------|---|---------------------|---------------------------|--------------------------------------|---------------------|--------------------------------------------|-------------------------------------------|
| Code       | Parameter 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 |                     |                           | Req Mon MINIMUM<br>C - No Discharge  |                     | Req Mon MAXIMUM<br>C - No Discharge        | 12 - SU<br>01/30 - Monthly<br>GR - GRAB   |
| 00530      | Solids, total suspended | 1 - Effluent Gross                       | 0 |                     |                           | Req Mon 30DA AVG<br>C - No Discharge |                     | Req Mon DAILY MX<br>C - No Discharge       | 10 - mg/L<br>01/30 - Monthly<br>GR - GRAB |
| 00890      | Iron, total recoverable | 1 - Effluent Gross                       | 0 |                     |                           | Req Mon 30DA AVG<br>C - No Discharge |                     | Req Mon DAILY MX<br>C - No Discharge       | 28 - ug/L<br>01/30 - Monthly<br>GR - GRAB |

## 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:

2020-06-26 10:50 (Time Zone: -06:00)

## Report Last Signed By

## User:

JPOULOS\_5041

## Name:

John Poulos

## E-Mail:

jpoulos@archcoal.com

## Date/Time:

2020-06-26 11:06 (Time Zone: -06:00)



# DMR Copy of Record

|                                                     |  |                                                                       |  |                                                                           |  |                                |  |
|-----------------------------------------------------|--|-----------------------------------------------------------------------|--|---------------------------------------------------------------------------|--|--------------------------------|--|
| <b>Permit</b>                                       |  | <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>Someset, CO 81434           |  | <b>Facility Location:</b> HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |  |                                |  |
| <b>Permitted Feature:</b> 033<br>Internal Outfall   |  | <b>Discharge:</b> 033-A<br>Stormwater from Drainage Basin 43D and 43E |  |                                                                           |  |                                |  |
| <b>Report Dates &amp; Status</b>                    |  | <b>DMR Due Date:</b> 06/28/20                                         |  | <b>Status:</b> NetDMR Validated                                           |  |                                |  |
| <b>Monitoring Period:</b> From 05/01/20 to 05/31/20 |  |                                                                       |  |                                                                           |  |                                |  |
| <b>Considerations for Form Completion</b>           |  |                                                                       |  |                                                                           |  |                                |  |
| <b>Principal Executive Officer</b>                  |  |                                                                       |  |                                                                           |  |                                |  |
| <b>First Name:</b>                                  |  |                                                                       |  |                                                                           |  |                                |  |
| <b>Last Name:</b>                                   |  |                                                                       |  |                                                                           |  |                                |  |
| <b>Title:</b>                                       |  |                                                                       |  |                                                                           |  |                                |  |
| <b>Telephone:</b>                                   |  |                                                                       |  |                                                                           |  |                                |  |

| 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                        | Units     |             |
| 00400 | pH                      | 1 - Effluent Gross  | 0                    |                     | Req Mon MINIMUM<br>C - No Discharge  |             |                          |             |                                | 12 - SU   | GR - GRAB   |
| 00530 | Solids, total suspended | 1 - Effluent Gross  | 0                    |                     | Req Mon 30DA AVG<br>C - No Discharge |             |                          |             |                                | 19 - mg/L | GR - GRAB   |
| 00980 | Iron, total recoverable | 1 - Effluent Gross  | 0                    |                     | Req Mon 30DA AVG<br>C - No Discharge |             |                          |             |                                | 28 - ug/L | GR - GRAB   |

|                              |  |                                                                                                                                                                                                                            |  |
|------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Submission Note</b>       |  | 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. |  |
| <b>Edit Check Errors</b>     |  |                                                                                                                                                                                                                            |  |
| <b>No errors.</b>            |  |                                                                                                                                                                                                                            |  |
| <b>Comments</b>              |  |                                                                                                                                                                                                                            |  |
| <b>NO DISCHARGE</b>          |  |                                                                                                                                                                                                                            |  |
| <b>Attachments</b>           |  |                                                                                                                                                                                                                            |  |
| <b>No attachments</b>        |  |                                                                                                                                                                                                                            |  |
| <b>Report Last Saved By</b>  |  |                                                                                                                                                                                                                            |  |
| <b>Mountain Coal Co LLC</b>  |  |                                                                                                                                                                                                                            |  |
| <b>User:</b>                 |  | 3WELTBOYS                                                                                                                                                                                                                  |  |
| <b>Name:</b>                 |  | Kathleen Welt                                                                                                                                                                                                              |  |
| <b>E-Mail:</b>               |  | kwel@archcoal.com                                                                                                                                                                                                          |  |
| <b>Date/Time:</b>            |  | 2020-06-26 10:51 (Time Zone: -06:00)                                                                                                                                                                                       |  |
| <b>Report Last Signed By</b> |  |                                                                                                                                                                                                                            |  |
| <b>User:</b>                 |  | JFOULOS_5041                                                                                                                                                                                                               |  |
| <b>Name:</b>                 |  | John Poulos                                                                                                                                                                                                                |  |
| <b>E-Mail:</b>               |  | jpoulos@archcoal.com                                                                                                                                                                                                       |  |
| <b>Date/Time:</b>            |  | 2020-06-26 11:06 (Time Zone: -06:00)                                                                                                                                                                                       |  |



## DMR Copy of Record

| <b>Permit</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     | <b>Permittee:</b>                                                                                   |                     | <b>Facility:</b>                                |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------|--------------------------------|-------------------------------|---------------------|---------------------|---------------------|-------|--------------------------------|-------------|-----|-----------------|------------------|-----|-----------|-----------------|-----------|--|--|-----------------|--|-----------|-----------------|-----------|--|--|--|--|-----------|-----------------|-----------|
| Permit #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CO0038776           | Mountain Coal Co LLC                                                                                |                     | WEST ELK MINE                                   |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| Major:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No                  | 5174 Hwy 133<br>Somerset, CO 81434                                                                  |                     | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| <b>Permitted Feature:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     | <b>Discharge:</b>                                                                                   |                     | <b>Status:</b>                                  |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| 034<br>External Outfall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     | 034-A<br>Contingled Discharge of Outfall 033 and from Drainage Basin 43B and 43C to Sylvester Gulch |                     | NetDMR Validated                                |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| <b>Report Dates &amp; Status</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                     | <b>DMR Due Date:</b>                                                                                |                     |                                                 |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| Monitoring Period: From 05/01/20 to 05/31/20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                     | 06/28/20                                                                                            |                     |                                                 |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| <b>Considerations for Form Completion</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                                                                                                     |                     |                                                 |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| <b>Principal Executive Officer</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                                                                                                     |                     |                                                 |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| First Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     | Title:                                                                                              |                     | Telephone:                                      |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| Last Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                                                                                                     |                     |                                                 |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| <b>Form NODI:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                                                                                                     |                     |                                                 |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Parameter Name      | Monitoring Location                                                                                 | Season #            | Param. NODI                                     | No Data Indicator (NODI)       |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| 00400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | pH                  | 1 - Effluent Gross                                                                                  | 0                   | --                                              |                                |                               |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| <table border="1"> <thead> <tr> <th>Sample Permit Req. Value NODI</th> <th>Qualifier 1 Value 1</th> <th>Qualifier 2 Value 2</th> <th>Qualifier 3 Value 3</th> <th>Units</th> <th># of Ex. Frequency of Analysis</th> <th>Sample Type</th> </tr> </thead> <tbody> <tr> <td>8.5</td> <td>Req Mon MINIMUM</td> <td>130.0</td> <td>8.5</td> <td>12 - SU</td> <td>01/30 - Monthly</td> <td>GR - GRAB</td> </tr> <tr> <td></td> <td></td> <td>Req Mon MAXIMUM</td> <td></td> <td>28 - ug/L</td> <td>01/30 - Monthly</td> <td>GR - GRAB</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>28 - ug/L</td> <td>01/30 - Monthly</td> <td>GR - GRAB</td> </tr> </tbody> </table> |                     |                                                                                                     |                     |                                                 |                                | Sample Permit Req. Value NODI | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 3 Value 3 | Units | # of Ex. Frequency of Analysis | Sample Type | 8.5 | Req Mon MINIMUM | 130.0            | 8.5 | 12 - SU   | 01/30 - Monthly | GR - GRAB |  |  | Req Mon MAXIMUM |  | 28 - ug/L | 01/30 - Monthly | GR - GRAB |  |  |  |  | 28 - ug/L | 01/30 - Monthly | GR - GRAB |
| Sample Permit Req. Value NODI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Qualifier 1 Value 1 | Qualifier 2 Value 2                                                                                 | Qualifier 3 Value 3 | Units                                           | # of Ex. Frequency of Analysis | Sample Type                   |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
| 8.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Req Mon MINIMUM     | 130.0                                                                                               | 8.5                 | 12 - SU                                         | 01/30 - Monthly                | GR - GRAB                     |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     | Req Mon MAXIMUM                                                                                     |                     | 28 - ug/L                                       | 01/30 - Monthly                | GR - GRAB                     |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                                                                                                     |                     | 28 - ug/L                                       | 01/30 - Monthly                | GR - GRAB                     |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
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| Sample Permit Req. Value NODI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Qualifier 1 Value 1 | Qualifier 2 Value 2                                                                                 | Qualifier 3 Value 3 | Units                                           | # of Ex. Frequency of Analysis | Sample Type                   |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     | Req Mon 30DA AVG                                                                                    |                     | 28 - ug/L                                       | 01/30 - Monthly                | GR - GRAB                     |                     |                     |                     |       |                                |             |     |                 |                  |     |           |                 |           |  |  |                 |  |           |                 |           |  |  |  |  |           |                 |           |

**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**  
NATURAL SPRING FLOW THROUGH THE CULVERT, NO STORMWATER FLOW.

**Attachments**  
No attachments.

**Report Last Saved By**  
Mountain Coal Co LLC

**User:** 3WELTBOYS  
**Name:** Kathleen Weit  
**E-Mail:** kweit@archcoal.com  
**Date/Time:** 2020-06-26 10:53 (Time Zone: -06:00)

**Report Last Signed By**  
JPoulos\_5041

**User:** John Poulos  
**Name:** John Poulos  
**E-Mail:** jpoulos@archcoal.com  
**Date/Time:** 2020-06-26 11:06 (Time Zone: -06:00)



# DMR Copy of Record

|                                              |                         |                                                                                 |                                                 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
|----------------------------------------------|-------------------------|---------------------------------------------------------------------------------|-------------------------------------------------|------------------|-------------------------------|-------------------------------|-------------------------------|------------------|------------------|------------------|------------------|------------------|-----------|--------------------------------|-------------|
| <b>Permit</b>                                |                         | <b>Permittee:</b>                                                               |                                                 | <b>Facility:</b> |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| Permit #:                                    | CO0038776               | Mountain Coal Co LLC                                                            | WEST ELK MINE                                   |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| Major:                                       | No                      | 5174 Hwy 133<br>Somerset, CO 81434                                              | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| <b>Permitted Feature:</b>                    |                         | <b>Discharge:</b>                                                               |                                                 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| 035<br>External Outfall                      |                         | 035-A<br>Stormwater Runoff from Train Loadout Area to N. Fork of Gunnison River |                                                 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| <b>Report Dates &amp; Status</b>             |                         | <b>Status:</b>                                                                  |                                                 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| Monitoring Period: From 05/01/20 to 05/31/20 |                         | NetDMR Validated                                                                |                                                 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| <b>Considerations for Form Completion</b>    |                         | <b>DMR Due Date:</b>                                                            |                                                 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
|                                              |                         | 06/28/20                                                                        |                                                 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| <b>Principal Executive Officer</b>           |                         | <b>Telephone:</b>                                                               |                                                 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| First Name:                                  |                         | Title:                                                                          |                                                 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| Last Name:                                   |                         |                                                                                 |                                                 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| <b>Form NODI:</b>                            |                         |                                                                                 |                                                 |                  |                               |                               |                               |                  |                  |                  |                  |                  |           |                                |             |
| Code                                         | Parameter Name          | Monitoring Location                                                             | Season                                          | # Param. NODI    | Quantity or Loading           | Quality or Concentration      | Qualifier 1                   | Qualifier 2      | Qualifier 3      | Value 1          | Value 2          | Value 3          | Units     | # of Ex. Frequency of Analysis | Sample Type |
| 00400                                        | pH                      | 1 - Effluent Gross                                                              | 0                                               | --               | Qualifier 1 Value 1           | Qualifier 2 Value 2           | Qualifier 3 Value 3           | Req Mon MINIMUM  | Req Mon MAXIMUM  | C - No Discharge | C - No Discharge | C - No Discharge | 12 - SU   | 01/30 - Monthly                | GR - GRAB   |
| 00530                                        | Solids, total suspended | 1 - Effluent Gross                                                              | 0                                               | --               | Sample Permit Req. Value NODI | Sample Permit Req. Value NODI | Sample Permit Req. Value NODI | Req Mon 30DA AVG | Req Mon DAILY MX | C - No Discharge | C - No Discharge | C - No Discharge | 19 - mg/L | 01/30 - Monthly                | GR - GRAB   |
| 00980                                        | Iron, total recoverable | 1 - Effluent Gross                                                              | 0                                               | --               | Sample Permit Req. Value NODI | Sample Permit Req. Value NODI | Sample Permit Req. Value NODI | Req Mon 30DA AVG | Req Mon DAILY MX | C - No Discharge | C - No Discharge | C - No Discharge | 28 - ug/L | 01/30 - Monthly                | GR - GRAB   |

**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:**  
2020-06-26 10:51 (Time Zone: -06:00)

**Report Last Signed By**  
JPoulos\_5041

**User:**  
John Poulos

**Name:**  
jpoulos@archcoal.com

**E-Mail:**  
2020-06-26 11:06 (Time Zone: -06:00)

**Date/Time:**



# DMR Copy of Record

**Permit**  
 Permit #: CO0038776  
 Major: No  
 Permitted Feature: 300 Influent Structure  
 Report Dates & Status: From 05/01/20 to 05/31/20  
 Monitoring Period: 06/28/20  
 Status: 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=Q, organic capacity = 0.02 MGD; hydraulic capacity = 28 lbs BOD-5/Day  
 Principal/Executive Officer: 300 Influent Structure  
 Discharge: 300-I Influent Measurements  
 Facility: Mountain Coal Co LLC  
 Facility Address: 5174 Hwy 133 Somerset, CO 81434  
 Facility Location: WEST ELK MINE HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434  
 Title: \_\_\_\_\_  
 Telephone: \_\_\_\_\_

| Code  | Parameter Name                           | Monitoring Location     | Session # Param | NODI | Qualifier 1                   | Quantity or Loading | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 3 | Value 3 | Units | # of Ex. | Frequency of Analysis | Sample Type |
|-------|------------------------------------------|-------------------------|-----------------|------|-------------------------------|---------------------|---------|-------------|---------|-------|-------------|---------|-------|----------|-----------------------|-------------|
| 00180 | Plant capacity fact, percent of capacity | P - See Comments        | 0               | -    | Sample Permit Req. Value NODI |                     |         |             |         |       |             |         |       |          |                       |             |
| 00180 | Plant capacity fact, percent of capacity | Q - See Comments        | 0               | -    | Sample Permit Req. Value NODI |                     |         |             |         |       |             |         |       |          |                       |             |
| 00310 | BOD, 5-day, 20 deg. C                    | G - Raw Sewage Influent | 0               | -    | Sample Permit Req. Value NODI |                     |         |             |         |       |             |         |       |          |                       |             |
| 00530 | Solids, total suspended                  | G - Raw Sewage Influent | 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**

**Attachments**  
 No attachments

**Report Last Saved By**  
 Mountain Coal Co LLC

User: 3WELTBOYS  
 Name: Kathleen Welt  
 E-Mail: kwel@archcoal.com

Date/Time: 2020-06-26 10:51 (Time Zone: -06:00)

**Report Last Signed By**  
 User: JPOULOS\_5041

Name: John Poulos  
 E-Mail: jpoulos@archcoal.com

Date/Time: 2020-06-26 11:06 (Time Zone: -06:00)

