

# DMR Copy of Record

|                                                                                                                                                                                                                            |                       |                                              |                                                |                                                                                                              |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>Permit</b>                                                                                                                                                                                                              |                       | <b>Permittee:</b>                            |                                                | <b>Facility:</b>                                                                                             |                                            |
| Permit #:                                                                                                                                                                                                                  | C00038776             | 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>                            |                                                | <b>Status:</b>                                                                                               |                                            |
| 012A<br>External Outfall                                                                                                                                                                                                   |                       | 012A-W<br>Acute Monthly WET Testing for 012A |                                                | NetDMR Validated                                                                                             |                                            |
| <b>Report Dates &amp; Status</b>                                                                                                                                                                                           |                       | <b>DMR Due Date:</b>                         |                                                |                                                                                                              |                                            |
| Monitoring Period:<br>From 06/01/23 to 06/30/23                                                                                                                                                                            |                       | 07/28/23                                     |                                                |                                                                                                              |                                            |
| <b>Considerations for Form Completion</b>                                                                                                                                                                                  |                       |                                              |                                                |                                                                                                              |                                            |
| <b>Principal Executive Officer</b>                                                                                                                                                                                         |                       |                                              |                                                |                                                                                                              |                                            |
| First Name:                                                                                                                                                                                                                |                       | Title:                                       |                                                | Telephone:                                                                                                   |                                            |
| Last Name:                                                                                                                                                                                                                 |                       |                                              |                                                |                                                                                                              |                                            |
| <b>No Data Indicator (NODI)</b>                                                                                                                                                                                            |                       |                                              |                                                |                                                                                                              |                                            |
| <b>Form NODI:</b>                                                                                                                                                                                                          |                       |                                              |                                                |                                                                                                              |                                            |
| Parameter Name                                                                                                                                                                                                             | Monitoring Location   | Season #                                     | Permit NODI                                    | Quantity or Loading<br>Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 3 | % of Ex. Frequency of Analysis Sample Type |
| Code                                                                                                                                                                                                                       |                       |                                              |                                                |                                                                                                              | Units                                      |
| 51484                                                                                                                                                                                                                      | Number of Events      | 1 - Effluent Gross                           | 0                                              | 10.0 30DA AVG<br>C - No Discharge                                                                            | 5J - #<br>0130 - Monthly<br>CA - CALCCTD   |
| 81381                                                                                                                                                                                                                      | Duration of discharge | 1 - Effluent Gross                           | 0                                              | 3.0 MX 7D AV<br>C - No Discharge                                                                             | 5A - d<br>0107 - Weekly<br>CA - CALCCTD    |
| <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>                                                                                                                                                                                                   |                       |                                              |                                                |                                                                                                              |                                            |
| No errors.                                                                                                                                                                                                                 |                       |                                              |                                                |                                                                                                              |                                            |
| <b>Comments</b>                                                                                                                                                                                                            |                       |                                              |                                                |                                                                                                              |                                            |
| No Discharge                                                                                                                                                                                                               |                       |                                              |                                                |                                                                                                              |                                            |
| <b>Attachments</b>                                                                                                                                                                                                         |                       |                                              |                                                |                                                                                                              |                                            |
| No attachments                                                                                                                                                                                                             |                       |                                              |                                                |                                                                                                              |                                            |
| <b>Report Last Saved By</b>                                                                                                                                                                                                |                       |                                              |                                                |                                                                                                              |                                            |
| Mountain Coal Co LLC                                                                                                                                                                                                       |                       |                                              |                                                |                                                                                                              |                                            |
| <b>User:</b>                                                                                                                                                                                                               |                       |                                              |                                                |                                                                                                              |                                            |
| NPOULOS1031                                                                                                                                                                                                                |                       |                                              |                                                |                                                                                                              |                                            |
| <b>Name:</b>                                                                                                                                                                                                               |                       |                                              |                                                |                                                                                                              |                                            |
| Nicole Poulos                                                                                                                                                                                                              |                       |                                              |                                                |                                                                                                              |                                            |
| <b>E-Mail:</b>                                                                                                                                                                                                             |                       |                                              |                                                |                                                                                                              |                                            |
| npoulos@archrsc.com                                                                                                                                                                                                        |                       |                                              |                                                |                                                                                                              |                                            |
| <b>Date/Time:</b>                                                                                                                                                                                                          |                       |                                              |                                                |                                                                                                              |                                            |
| 2023-07-10 07:45 (Time Zone -05:00)                                                                                                                                                                                        |                       |                                              |                                                |                                                                                                              |                                            |
| <b>Report Last Signed By</b>                                                                                                                                                                                               |                       |                                              |                                                |                                                                                                              |                                            |
| JWILCZEK                                                                                                                                                                                                                   |                       |                                              |                                                |                                                                                                              |                                            |
| <b>User:</b>                                                                                                                                                                                                               |                       |                                              |                                                |                                                                                                              |                                            |
| Jessica Wilczek                                                                                                                                                                                                            |                       |                                              |                                                |                                                                                                              |                                            |
| <b>Name:</b>                                                                                                                                                                                                               |                       |                                              |                                                |                                                                                                              |                                            |
| jwilczek@archrsc.com                                                                                                                                                                                                       |                       |                                              |                                                |                                                                                                              |                                            |
| <b>E-Mail:</b>                                                                                                                                                                                                             |                       |                                              |                                                |                                                                                                              |                                            |
| 2023-07-25 12:14 (Time Zone -06:00)                                                                                                                                                                                        |                       |                                              |                                                |                                                                                                              |                                            |
| <b>Date/Time:</b>                                                                                                                                                                                                          |                       |                                              |                                                |                                                                                                              |                                            |

| <b>Permit</b>                                                                                                                                                                                                                                        | <b>Permit #:</b>                                   | C00038776           | <b>Permittee:</b>         | Mountain Coal Co LLC                | <b>Facility:</b>                                                                 | WEST ELK MINE                                                             |                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------|---------------------------|-------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------|
| <b>Major:</b>                                                                                                                                                                                                                                        | No                                                 |                     | <b>Permittee Address:</b> | 5174 Hwy 133<br>Somerset, CO 81434  | <b>Facility Location:</b>                                                        | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434                           |                                            |
| <b>Permitted Feature:</b>                                                                                                                                                                                                                            | 008<br>External Outfall                            |                     | <b>Discharge:</b>         | 008-W<br>Acute WET Testing for 008A |                                                                                  |                                                                           |                                            |
| <b>Report Dates &amp; Status</b>                                                                                                                                                                                                                     |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>Monitoring Period:</b>                                                                                                                                                                                                                            | From 04/01/23 to 06/30/23                          |                     | <b>DMR Due Date:</b>      | 07/28/23                            | <b>Status:</b>                                                                   | NetDMR Validated                                                          |                                            |
| <b>Considerations for Form Completion</b><br>SEE ID.1, PP. 32-35. FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS. AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.               |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>Principal Executive Officer</b><br>First Name: _____ Title: _____<br>Last Name: _____ Telephone: _____                                                                                                                                            |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>No Data Indicator (NODI)</b><br>Form NODI: --                                                                                                                                                                                                     |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| Code                                                                                                                                                                                                                                                 | Parameter Name                                     | Monitoring Location | Season                    | # Param. NODI                       | Quantity or Loading<br>Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 | Quality or Concentration<br>Qualifier 2 Value 2 Qualifier 3 Value 3 Units | # of Ex. Frequency of Analysis Sample Type |
| TAM3C                                                                                                                                                                                                                                                | LC50 Static Renewal 48Hr Acute Daphnia magna       | 1 - Effluent Gross  | 0                         | --                                  | 100.0 MN VALUE<br>C - No Discharge                                               | 23 - %                                                                    | 01/60 - Quarterly GR - GRAB                |
| TANGC                                                                                                                                                                                                                                                | LC50 Static Renewal 68Hr Acute Pimephales promelas | 1 - Effluent Gross  | 0                         | --                                  | 100.0 MN VALUE<br>C - No Discharge                                               | 23 - %                                                                    | 01/60 - Quarterly 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><br>No Discharge                                                                                                                                                                                                                      |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>Attachments</b><br>No attachments                                                                                                                                                                                                                 |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>Report Last Saved By</b><br>Mountain Coal Co LLC                                                                                                                                                                                                  |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>User:</b><br>NPOULOS1031                                                                                                                                                                                                                          |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>Name:</b><br>Nicole Poulos                                                                                                                                                                                                                        |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>E-Mail:</b><br>npoulos@archrsc.com                                                                                                                                                                                                                |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>Date/Time:</b><br>2023-07-10 07:43 (Time Zone: -06:00)                                                                                                                                                                                            |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>Report Last Signed By</b><br>JWILCZEK                                                                                                                                                                                                             |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>User:</b><br>Jessica Wilczek                                                                                                                                                                                                                      |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>Name:</b><br>Jessica Wilczek                                                                                                                                                                                                                      |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>E-Mail:</b><br>jwilczek@archrsc.com                                                                                                                                                                                                               |                                                    |                     |                           |                                     |                                                                                  |                                                                           |                                            |
| <b>Date/Time:</b><br>2023-07-25 12:14 (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>Somerset, CO 81434                                      | <b>Facility Location:</b> HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Permitted Feature:</b>                 | 035<br>External Outfall                             | <b>Discharge:</b> 035-A<br>Stormwater Runoff from Train Loadout Area to N. Fork of Gunnison River |                                                                           |
| <b>Report Dates &amp; Status</b>          | <b>Monitoring Period:</b> From 06/01/23 to 06/30/23 | <b>DMR Due Date:</b> 07/28/23                                                                     | <b>Status:</b> NetDMR Validated                                           |
| <b>Considerations for Form Completion</b> |                                                     |                                                                                                   |                                                                           |
| <b>Principal Executive Officer</b>        |                                                     |                                                                                                   |                                                                           |
| <b>Last Name:</b>                         | <b>Title:</b>                                       |                                                                                                   |                                                                           |
| <b>No Data Indicator (NOD)</b>            |                                                     |                                                                                                   |                                                                           |

| Form NOD: | Parameter Name                           | Monitoring Location | Season | Param. NOD | Quantity or Loading |         | Quality or Concentration |         | Units            |           | Frequency of Analysis |         | Sample Type |
|-----------|------------------------------------------|---------------------|--------|------------|---------------------|---------|--------------------------|---------|------------------|-----------|-----------------------|---------|-------------|
|           |                                          |                     |        |            | Qualifier 1         | Value 1 | Qualifier 2              | Value 2 | Qualifier 3      | Value 3   | Qualifier 4           | Value 4 |             |
| 00400     | pH                                       | 1 - Effluent Gross  | 0      | -          | Sample Permit Req.  |         | Value NOD                |         | Req Mon MINIMUM  | 12 - SU   | 0130 - Monthly        |         | GR - GRAB   |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0      | -          | Sample Permit Req.  |         | Value NOD                |         | Req Mon DAILY MX | 10 - mg/L | 0130 - Monthly        |         | GR - GRAB   |
| 00980     | Iron, total recoverable                  | 1 - Effluent Gross  | 0      | -          | Sample Permit Req.  |         | Value NOD                |         | Req Mon DAILY MX | 28 - ug/L | 0130 - Monthly        |         | GR - GRAB   |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0      | -          | Sample Permit Req.  |         | Value NOD                |         | Req Mon DAILY MX | 03 - MGD  | 0130 - Monthly        |         | IN - INSTAN |

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

**Edit Check Errors**

**No errors.**

**Comments**

**No Discharge**

**Attachments**

**No attachments**

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

**User:** NPOULOS1031

**Name:** Nicole Poulos

**E-Mail:** npoulos@archsc.com

**Date/Time:** 2023-07-13 09:59 (Time Zone: -06:00)

**Report Last Signed By**

**User:** JWILCZEK

**Name:** Jessica Wilczek

**E-Mail:** jwilczek@archsc.com

**Date/Time:** 2023-07-25 12:14 (Time Zone: -06:00)

## DMR Copy of Record

|                       |                           |                    |                                     |                    |                                                 |
|-----------------------|---------------------------|--------------------|-------------------------------------|--------------------|-------------------------------------------------|
| Permit                | C00038776                 | Permittee:         | Mountain Coal Co LLC                | Facility:          | WEST ELK MINE                                   |
| Permit #:             | No                        | Permittee Address: | 5174 Hwy 133<br>Sommerset, CO 81434 | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Major:                | 017<br>External Outfall   | Discharge:         | 017-AA<br>Mine Water & MWTF         |                    |                                                 |
| Permitted Feature:    |                           |                    |                                     |                    |                                                 |
| Report Dates & Status |                           | DMR Due Date:      | 07/28/23                            | Status:            | NetDMR Validated                                |
| Monitoring Period:    | From 06/01/23 to 06/30/23 |                    |                                     |                    |                                                 |

## 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 LC.a. REPORT CALCULATED SAR AT MLOC-EG. ADJUSTED SAR AT MLOC-P.

## Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Title:

Telephone:

| Code  | Parameter Name                     | Monitoring Location | Season | #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 1 Value 1 | Qualifier 2 Value 2 | Units | # of Ex. Frequency of Analysis | Sample Type          |
|-------|------------------------------------|---------------------|--------|--------------|-------------------------------|-----------------------------------------|---------------------|-------|---------------------|---------------------|----------------------------------------------|---------------------|-------|--------------------------------|----------------------|
| 00010 | Temperature, water deg. centigrade | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 99889 - Continuous             | RC - Recorder (auto) |
| 00094 | Conductivity                       | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 02230 - Twice Per Month GR     | GRAB                 |
| 00400 | pH                                 | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 01007 - Weekly                 | GR - GRAB            |
| 00440 | Bicarbonate Ion- [as HCO3]         | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 02230 - Twice Per Month GR     | GRAB                 |
| 00530 | Solids, total suspended            | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 01000 - Monthly                | GR - GRAB            |
| 00818 | Calcium, total recoverable         | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 02230 - Twice Per Month GR     | GRAB                 |
| 00921 | Magnesium, total recoverable       | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 02230 - Twice Per Month GR     | GRAB                 |
| 00923 | Sodium, total recoverable          | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 02230 - Twice Per Month GR     | GRAB                 |
| 00931 | Sodium adsorption ratio            | EG - Effluent Gross | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 02230 - Twice Per Month CA     | CALCTD               |
| 00931 | Sodium adsorption ratio            | P - See Comments    | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 02230 - Twice Per Month CA     | CALCTD               |
| 00940 | Chloride [as Cl]                   | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 02230 - Twice Per Month GR     | GRAB                 |
| 00978 | Arsenic, total recoverable         | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 02230 - Twice Per Month GR     | GRAB                 |
| 00980 | Iron, total recoverable            | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NODI | Qualifier 1 Value 1                     | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1                          | Qualifier 2 Value 2 | Units | 01000 - Monthly                | GR - GRAB            |



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

**Edit Check Errors**

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

NPOULOS1031

Nicole Poulos

npoulos@archtrsc.com

2023-07-10 07:46 (Time Zone: -05:00)

JWILCZEK

Jessica Wilczek

jwilczek@archtrsc.com

2023-07-25 12:14 (Time Zone: -06:00)

DMR Copy of Record

Permit  
Permit #: C00038776  
Major: No

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

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

Permitted Feature:  
008  
External Outfall

Discharge:  
008-AA  
Loadout Runoff (MB4)

Report Dates & Status  
Monitoring Period: From 06/01/23 to 06/30/23

DMR Due Date: 07/28/23

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:  
Last Name:

Title:  
Telephone:

No Data Indicator (NODI)  
Form NODI:

| Code  | Parameter Name               | Monitoring Location | Season # Param. NODI | Quantity or Loading |         | Quality or Concentration |         | Frequency of Analysis |         | Sample Type |
|-------|------------------------------|---------------------|----------------------|---------------------|---------|--------------------------|---------|-----------------------|---------|-------------|
|       |                              |                     |                      | Qualifier 1         | Value 1 | Qualifier 2              | Value 2 | Qualifier 3           | Value 3 |             |
| 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          |         |                          |         |                       |         |             |
| 00818 | 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                       |             | C - No Discharge |  |
|-------|--------------------------------------------|--------------------|---|---|-------------|-------------|------------|---------------------------------------------------------|-----------------------------------------------|----------------------------------|-------------|------------------|--|
| 01056 | Manganese, dissolved [as Mn]               | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 01074 | Nickel, total recoverable                  | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 01114 | Lead, total recoverable                    | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon DAILY MX<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 01118 | Chromium, total recoverable                | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon DAILY MX<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 01306 | Copper, potentially dissolved              | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 01314 | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 01318 | Lead, potentially dissolved                | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 01319 | Manganese, potentially dissolved           | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon DAILY MX<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 01322 | Nickel, potentially dissolved              | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 01323 | Selenium, potentially dissolved            | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 03582 | Oil and grease                             | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | 10.0 INST MAX<br>C - No Discharge                       | 19 - mg/L                                     | 77777 - Contingent               | GR - GRAB   |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 04262 | Chromium, trivalent total recoverable      | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon DAILY MX<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 50050 | Flow, in conduit or thru treatment plant   | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | 0.03 30DA AVG<br>C - No Discharge                       | Req Mon DAILY MX 03 - MGD<br>C - No Discharge | 0130 - Monthly                   | IN - INSTAN |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 50286 | Mercury, total [low level]                 | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 28 - ug/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 51202 | Sulfide-hydrogen sulfide [undissociated]   | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 19 - mg/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 81020 | Sulfate                                    | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 19 - mg/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 82057 | Boron, total                               | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon 30DA AVG<br>C - No Discharge                    | 19 - mg/L                                     | 0230 - Twice Per Month GR - GRAB |             |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |
| 84056 | Oil and grease visual                      | 1 - Effluent Gross | 0 | - | Sample      | Permit Req. | Value NODI | Req Mon INST MAX AB - abas=Opract=1<br>C - No Discharge |                                               | 0130 - Monthly                   | VI - VISUAL |                  |  |
|       |                                            |                    |   |   | Permit Req. | Value NODI  |            |                                                         |                                               |                                  |             |                  |  |

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:

NPOULOS1031

Nicole Poulos

npoulos@archrsc.com

2023-07-10 07:43 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2023-07-25 12:14 (Time Zone: -06:00)

# DMR Copy of Record

|                                    |                           |                    |                                        |                    |                                                 |
|------------------------------------|---------------------------|--------------------|----------------------------------------|--------------------|-------------------------------------------------|
| 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:                 | 025<br>External Outfall   | Discharge:         | 025-Q<br>Quarterly Monitoring for 025A |                    |                                                 |
| Report Dates & Status              |                           | DMR Due Date:      | 07/28/23                               | Status:            | NetDMR Validated                                |
| Monitoring Period:                 | From 04/01/23 to 06/30/23 |                    |                                        |                    |                                                 |
| Considerations for Form Completion |                           |                    |                                        |                    |                                                 |
| Principal Executive Officer        |                           | Title:             |                                        | Telephone:         |                                                 |
| Last Name:                         |                           |                    |                                        |                    |                                                 |
| No Data Indicator (NODI)           |                           |                    |                                        |                    |                                                 |

| Code  | Parameter Name                             | Monitoring Location | Season | # Param. NODI | Quantity or Loading |             |             | Quality or Concentration |             | # of Ex. Frequency of Analysis |                  |                   | Sample Type       |
|-------|--------------------------------------------|---------------------|--------|---------------|---------------------|-------------|-------------|--------------------------|-------------|--------------------------------|------------------|-------------------|-------------------|
|       |                                            |                     |        |               | Qualifier 1         | Value 1     | Qualifier 2 | Value 2                  | Qualifier 3 | Value 3                        | Units            | Units             |                   |
| 00940 | Chloride [as Cl]                           | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             |                          |             |                                | 19 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 19 - ug/L        | 01600 - Quarterly | GR - GRAB         |
| 00978 | Arsenic, total recoverable                 | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             | 0.85                     |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
| 01055 | Manganese, dissolved [as Mn]               | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             | 11.0                     |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
| 01074 | Nickel, total recoverable                  | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             | 1.4                      |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
| 01114 | Lead, total recoverable                    | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             |                          |             | 2.2                            | Req Mon DAILY MX | 28 - ug/L         | 01600 - Quarterly |
|       |                                            |                     |        |               | Value NODI          |             |             |                          |             |                                |                  |                   | GR - GRAB         |
| 01115 | Chromium, total recoverable                | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             | 1.1                      |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             | 16.0                     |             |                                | 29 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 29 - ug/L        | 01600 - Quarterly | GR - GRAB         |
| 01306 | Copper, potentially dissolved              | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             | 2.0                      |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
| 01314 | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             | 20.0                     |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
| 01318 | Lead, potentially dissolved                | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             | 1.6                      |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
| 01319 | Manganese, potentially dissolved           | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             | 70.0                     |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
| 01322 | Nickel, potentially dissolved              | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             | 1.3                      |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
| 01323 | Selenium, potentially dissolved            | 1 - Effluent Gross  | 0      | -             | Sample              | Permit Req. |             | 5.0                      |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |
|       |                                            |                     |        |               | Value NODI          |             |             | Req Mon 300A AVG         |             |                                | 28 - ug/L        | 01600 - Quarterly | GR - GRAB         |

[illegible]

# DMR Copy of Record

| <b>Permit</b><br>Permit #: CO0038776<br>Major: No                                           |                                           | <b>Permittee:</b><br>Mountain Coal Co LLC<br>5174 Hwy 133<br>Somerset, CO 81434 |        | <b>Facility:</b><br>Facility Location:<br>WEST ELK MINE<br>HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |                     |                          |         |             |         |                  |           |             |           |          |                       |             |
|---------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------|---------------------|--------------------------|---------|-------------|---------|------------------|-----------|-------------|-----------|----------|-----------------------|-------------|
| <b>Permitted Feature:</b><br>035<br>External Outfall                                        |                                           | <b>Discharge:</b><br>035-Q<br>Quarterly Monitoring for 035A                     |        |                                                                                                            |                     |                          |         |             |         |                  |           |             |           |          |                       |             |
| <b>Report Dates &amp; Status</b><br>Monitoring Period: From 04/01/23 to 06/30/23            |                                           | <b>DMR Due Date:</b><br>07/28/23                                                |        | <b>Status:</b><br>NetDMR Validated                                                                         |                     |                          |         |             |         |                  |           |             |           |          |                       |             |
| <b>Considerations for Form Completion</b>                                                   |                                           |                                                                                 |        |                                                                                                            |                     |                          |         |             |         |                  |           |             |           |          |                       |             |
| <b>Principal Executive Officer</b><br>First Name:<br>Last Name:<br>No Data Indicator (NODI) |                                           |                                                                                 |        |                                                                                                            |                     |                          |         |             |         |                  |           |             |           |          |                       |             |
| <b>Form NODI:</b>                                                                           |                                           |                                                                                 |        |                                                                                                            |                     |                          |         |             |         |                  |           |             |           |          |                       |             |
| Code                                                                                        | Parameter Name                            | Monitoring Location                                                             | Season | # Param. NODI                                                                                              | Quantity or Loading | Quality or Concentration | Value 1 | Qualifier 1 | Value 2 | Qualifier 2      | Value 3   | Qualifier 3 | Units     | # of Ex. | Frequency of Analysis | Sample Type |
| 00940                                                                                       | Chloride [as Cl]                          | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 120.0   | =           | 120.0   | Req Mon 30DA AVG | 19 - ug/L | 0           | 19 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 00978                                                                                       | Arsenic, total recoverable                | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 12.0    | =           | 12.0    | Req Mon 30DA AVG | 28 - ug/L | 0           | 28 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 01056                                                                                       | Manganese, dissolved [as Mn]              | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 81.0    | =           | 81.0    | Req Mon 30DA AVG | 78 - ug/L | 0           | 78 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 01074                                                                                       | Nickel, total recoverable                 | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 46.0    | =           | 46.0    | Req Mon 30DA AVG | 28 - ug/L | 0           | 28 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 01114                                                                                       | Lead, total recoverable                   | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 54.0    | =           | 54.0    | Req Mon DAILY MX | 28 - ug/L | 0           | 28 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 01118                                                                                       | Chromium, total recoverable               | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 39.0    | =           | 39.0    | Req Mon 30DA AVG | 28 - ug/L | 0           | 28 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 01303                                                                                       | Zinc, potentially dissolved               | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 160.0   | =           | 160.0   | Req Mon 30DA AVG | 28 - ug/L | 0           | 28 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 01306                                                                                       | Copper, potentially dissolved             | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 21.0    | =           | 21.0    | Req Mon 30DA AVG | 28 - ug/L | 0           | 28 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 01314                                                                                       | Chromium, Invalent, potentially dissolved | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 20.0    | =           | 20.0    | Req Mon 30DA AVG | 28 - ug/L | 0           | 28 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 01316                                                                                       | Lead, potentially dissolved               | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 25.0    | =           | 25.0    | Req Mon 30DA AVG | 28 - ug/L | 0           | 28 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 01319                                                                                       | Manganese, potentially dissolved          | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 900.0   | =           | 900.0   | Req Mon DAILY MX | 28 - ug/L | 0           | 28 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 01322                                                                                       | Nickel, potentially dissolved             | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 15.0    | =           | 15.0    | Req Mon 30DA AVG | 28 - ug/L | 0           | 28 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |
| 01323                                                                                       | Selenium, potentially dissolved           | 1 - Effluent                                                                    | Gross  | 0                                                                                                          | -                   | Sample                   | 1.2     | =           | 1.2     | Req Mon DAILY MX | 28 - ug/L | 0           | 28 - ug/L | 0        | 01/90 - Quarterly     | GR - GRAB   |



DMR Copy of Record

Permit #:  
Major:

CO0038776  
No

Permittee:  
Permittee Address:

Mountain Coal Co LLC  
5174 Hwy 133  
Somerset, CO 81434

Facility:  
Facility Location:

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

Permitted Feature:

015  
External Outfall

Discharge:

015-W  
Acute WET Testing for 011A

Report Dates & Status  
Monitoring Period:

From 04/01/23 to 06/30/23

DMR Due Date:

07/28/23

Status:

NetDMR Validated

Considerations for Form Completion  
SEE I.D.1, PP. 32-34. FOR DETAILS OF TEST PROCEDURE, REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

Principal Executive Officer

First Name:

Title:

Last Name:

Telephone:

No Data Indicator (NODI)

Form NODI:

Parameter Name

Monitoring Location

Season & Perm. NODI

Quantity or Loading  
Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units

Quality or Concentration  
Value 1 Value 2 Value 3

# of Ex. Frequency of Analysis Sample Type

TAM3C LC50 Static Renewal 48Hr Acute Daphnia magna

1 - Effluent Gross

0

0

100.0 MN VALUE  
C - No Discharge

23 - %

01/00 - Quarterly

GR - GRAB

TAM6C LC50 Static Renewal 96Hr Acute Pimephales promelas

1 - Effluent Gross

0

0

100.0 MN VALUE  
C - No Discharge

23 - %

01/00 - Quarterly

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

NPOULOS1031

Name:

Nicole Poulos

E-Mail:

npoulos@archrsc.com

Date/Time:

2023-07-10 07:46 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2023-07-25 12:14 (Time Zone: -06:00)

|                                                                                                                                                                                                                                                      |                         |                         |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|----------|---------------------------|---------------------------------------|----------------------------------------|-----------|----------------------|----------------------|-------------------------------------------------|-----------------------------------|
| Permit #:                                                                                                                                                                                                                                            |                         | CO0038776               |          | 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:                                                                                                                                                                                                                                   |                         | 017<br>External Outfall |          | Discharge:                |                                       | 017-Q<br>Quarterly Monitoring for 017A |           |                      |                      |                                                 |                                   |
| Report Dates & Status                                                                                                                                                                                                                                |                         |                         |          | DMR Due Date:             |                                       | 07/28/23                               |           | Status:              |                      | NetDMR Validated                                |                                   |
| Monitoring Period:                                                                                                                                                                                                                                   |                         |                         |          | From 04/01/23 to 06/30/23 |                                       |                                        |           |                      |                      |                                                 |                                   |
| Considerations for Form Completion                                                                                                                                                                                                                   |                         |                         |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |
| Quarterly monitoring - see Appendix B, #35, pg 64.                                                                                                                                                                                                   |                         |                         |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |
| Principal Executive Officer                                                                                                                                                                                                                          |                         |                         |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |
| First Name:                                                                                                                                                                                                                                          |                         |                         |          | Title:                    |                                       |                                        |           | Telephone:           |                      |                                                 |                                   |
| Last Name:                                                                                                                                                                                                                                           |                         |                         |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |
| No Data Indicator (NODI)                                                                                                                                                                                                                             |                         |                         |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |
| Form NODI:                                                                                                                                                                                                                                           |                         | --                      |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |
| Code                                                                                                                                                                                                                                                 | Parameter Name          | Monitoring Location     | Season # | Param. NODI               | Qualifier: 1 Value 1                  | Qualifier: 2 Value 2                   | Units     | Qualifier: 3 Value 3 | Qualifier: 4 Value 4 | # of Ex.                                        | Frequency of Analysis Sample Type |
| 70295                                                                                                                                                                                                                                                | Solids, total dissolved | 1 - Effluent Gross      | 0        | --                        | Req Mon QTRTR AVG<br>C - No Discharge | Req Mon DAILY MK<br>C - No Discharge   | 19 - mg/L |                      |                      | 01/90 - Quarterly                               | 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><br>No Discharge                                                                                                                                                                                                                      |                         |                         |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |
| <b>Attachments</b><br>No attachments                                                                                                                                                                                                                 |                         |                         |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |
| <b>Report Last Saved By</b><br>Mountain Coal Co LLC                                                                                                                                                                                                  |                         |                         |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |
| <b>User:</b><br>NPOLLOS1031<br>Nicole Poulos<br>npoulos@archrsc.com<br>2023-07-10 07:46 (Time Zone: -06:00)                                                                                                                                          |                         |                         |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |
| <b>Report Last Signed By</b><br>JWILCZEK<br>Jessica Wilczek<br>jwilczek@archrsc.com<br>2023-07-25 12:14 (Time Zone: -06:00)                                                                                                                          |                         |                         |          |                           |                                       |                                        |           |                      |                      |                                                 |                                   |

# DMR Copy of Record

|                                    |                                    |                         |                               |                                    |                    |                                                 |
|------------------------------------|------------------------------------|-------------------------|-------------------------------|------------------------------------|--------------------|-------------------------------------------------|
| Permit                             | Permit #:                          | CO0038776               | Permittee:                    | Mountain Coal Co LLC               | Facility:          | WEST ELK MINE                                   |
|                                    | Major:                             | No                      |                               | 5174 Hwy 133<br>Somerset, CO 81434 | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature:                 | UST2<br>Receiving Water (Ambient)  | Discharge:              | UST2-A<br>Instream Monitoring |                                    |                    |                                                 |
| Report Dates & Status              | Monitoring Period:                 | DMR Due Date:           | Status:                       |                                    |                    |                                                 |
|                                    | From 06/01/23 to 06/30/23          | 07/28/23                | NetDMR Validated              |                                    |                    |                                                 |
| Considerations for Form Completion |                                    |                         |                               |                                    |                    |                                                 |
| Principal Executive Officer        |                                    |                         |                               |                                    |                    |                                                 |
| First Name:                        |                                    |                         |                               |                                    |                    |                                                 |
| Last Name:                         |                                    |                         |                               |                                    |                    |                                                 |
| No Data Indicator (NODI)           |                                    |                         |                               |                                    |                    |                                                 |
| Form NODI:                         | Parameter                          | Monitoring Location     | Season                        | Param. NODI                        | Title:             | Telephone:                                      |
|                                    | Name                               |                         |                               |                                    |                    |                                                 |
| Code                               | Quantity or Loading                | Qualifier 1             | Value 1                       | Qualifier 2                        | Value 2            | Qualifier 3                                     |
|                                    | Qualifier 1                        | Value 1                 | Qualifier 2                   | Value 2                            | Qualifier 3        | Value 3                                         |
| 00010                              | Temperature, water deg. centigrade | Z - Instream Monitoring | 0                             | -                                  | -                  | -                                               |
|                                    | Sample                             | Permit Req.             | Value NODI                    |                                    |                    |                                                 |
|                                    | 14.89                              | Req Mon MX WK AV        | 17.66                         | Req Mon DAILY MX                   | 04 - deg C         | 9999 - Continuous                               |
|                                    |                                    |                         |                               |                                    |                    | RC - Recorder (plus)                            |
|                                    |                                    |                         |                               |                                    |                    | RC - Recorder (plus)                            |

### 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

| Name                          | Type | Size     |
|-------------------------------|------|----------|
| UST1AUST2ASummaryJune2023.pdf | pdf  | 652892.0 |

### Report Last Saved By

Mountain Coal Co LLC

|            |                                      |
|------------|--------------------------------------|
| User:      | NPOULOS1031                          |
| Name:      | Nicole Poulos                        |
| E-Mail:    | npoulos@archisc.com                  |
| Date/Time: | 2023-07-13 09:12 (Time Zone: -06:00) |

### Report Last Signed By

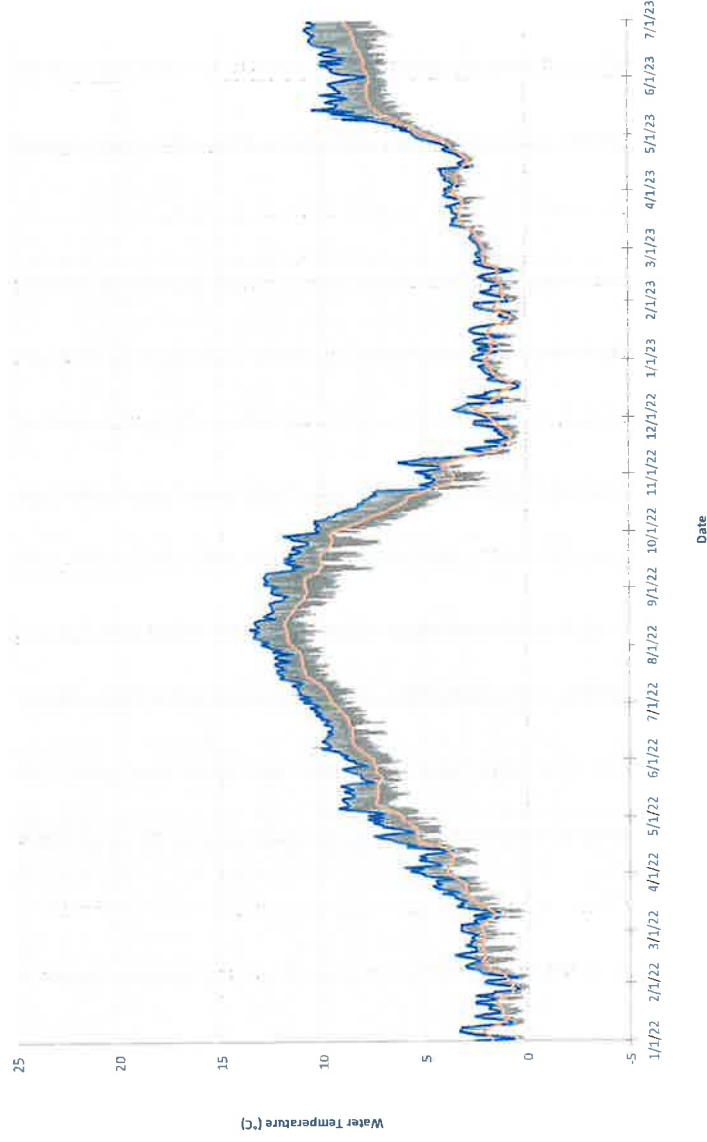
|            |                                      |
|------------|--------------------------------------|
| User:      | JWILCZEK                             |
| Name:      | Jessica Wilczek                      |
| E-Mail:    | jwilczek@archisc.com                 |
| Date/Time: | 2023-07-25 12:14 (Time Zone: -06:00) |

| UST1A          |            |                                                      |                                                             |        |
|----------------|------------|------------------------------------------------------|-------------------------------------------------------------|--------|
|                |            | Highest Daily Max. Temperature (DM)(°C) <sup>1</sup> | Maximum Weekly Average Temperature (MWAT) (°C) <sup>2</sup> |        |
| Month          | Temp. (°C) | Date                                                 | Temp. (°C)                                                  | Date   |
| January 2022   | 3.367      | 6-Jan                                                | 2.159                                                       | 6-Jan  |
| February 2022  | 3.578      | 16-Feb                                               | 2.293                                                       | 23-Feb |
| March 2022     | 5.089      | 31-Mar                                               | 3.805                                                       | 31-Mar |
| April 2022     | 7.832      | 30-Apr                                               | 6.119                                                       | 30-Apr |
| May 2022       | 9.226      | 6-May                                                | 7.542                                                       | 30-May |
| June 2022      | 10.651     | 29-Jun                                               | 9.369                                                       | 30-Jun |
| July 2022      | 12.497     | 31-Jul                                               | 11.364                                                      | 31-Jul |
| August 2022    | 13.558     | 10-Aug                                               | 11.925                                                      | 13-Aug |
| September 2022 | 12.883     | 7-Sep                                                | 10.950                                                      | 6-Sep  |
| October 2022   | 10.406     | 6-Oct                                                | 9.597                                                       | 1-Oct  |
| November 2022  | 6.268      | 7-Nov                                                | 4.200                                                       | 5-Nov  |
| December 2022  | 3.578      | 5-Dec                                                | 2.525                                                       | 5-Dec  |
| January 2023   | 2.730      | 17-Jan                                               | 1.963                                                       | 1-Jan  |
| February 2023  | 2.517      | 22-Feb                                               | 2.099                                                       | 25-Feb |
| March 2023     | 3.998      | 30-Mar                                               | 3.487                                                       | 31-Mar |
| April 2023     | 5.347      | 30-Apr                                               | 4.488                                                       | 30-Apr |
| May 2023       | 10.406     | 15-May                                               | 7.833                                                       | 26-May |
| June 2023      | 10.797     | 27-Jun                                               | 8.843                                                       | 30-Jun |

<sup>1</sup> DM is the highest two-hour average water temperature recorded during a given 24-hour period (5 CCR 1002.31.5 (13)).

<sup>2</sup> MWAT is the highest Weekly Average Temperature (WAT) in the month (5 CCR 1002.31.5 (26)). WAT is the average of daily average temperatures over a seven-day consecutive period, with a minimum of three data points spaced equally through each day (5 CCR 1002.31.5 (50)).

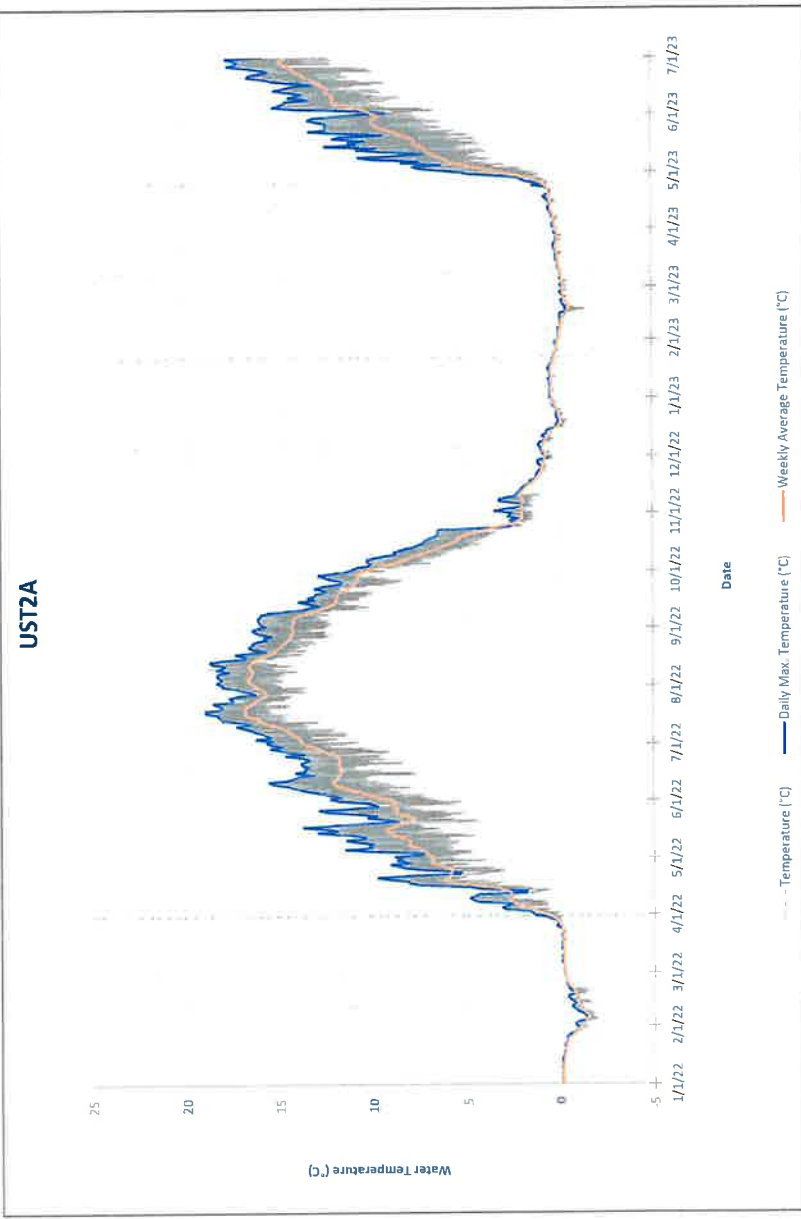
UST1A



— Temperature (°C) — Daily Max. Temperature (°C) — Weekly Average Temperature (°C)

| UST2A          |                                                      |        |                                                             |        |
|----------------|------------------------------------------------------|--------|-------------------------------------------------------------|--------|
| Month          | Highest Daily Max. Temperature (DM)(°C) <sup>1</sup> |        | Maximum Weekly Average Temperature (MWAT) (°C) <sup>2</sup> |        |
|                | Temp. (°C)                                           | Date   | Temp. (°C)                                                  | Date   |
| January 2022   | -0.102                                               | 8-Jan  | -0.111                                                      | 7-Jan  |
| February 2022  | -0.213                                               | 28-Feb | -0.276                                                      | 28-Feb |
| March 2022     | 0.674                                                | 31-Mar | 0.413                                                       | 31-Mar |
| April 2022     | 9.768                                                | 21-Apr | 6.965                                                       | 30-Apr |
| May 2022       | 13.702                                               | 18-May | 9.315                                                       | 17-May |
| June 2022      | 15.569                                               | 11-Jun | 13.173                                                      | 30-Jun |
| July 2022      | 18.949                                               | 19-Jul | 16.898                                                      | 20-Jul |
| August 2022    | 18.711                                               | 14-Aug | 16.692                                                      | 5-Aug  |
| September 2022 | 16.141                                               | 1-Sep  | 16.141                                                      | 1-Sep  |
| October 2022   | 11.334                                               | 1-Oct  | 10.574                                                      | 1-Oct  |
| November 2022  | 3.472                                                | 2-Nov  | 2.061                                                       | 10-Nov |
| December 2022  | 1.112                                                | 7-Dec  | 0.885                                                       | 5-Dec  |
| January 2023   | 0.563                                                | 11-Jan | 0.426                                                       | 16-Jan |
| February 2023  | 0.010                                                | 4-Feb  | 0.031                                                       | 1-Feb  |
| March 2023     | 0.232                                                | 30-Mar | 0.125                                                       | 23-Mar |
| April 2023     | 4.727                                                | 30-Apr | 2.499                                                       | 30-Apr |
| May 2023       | 13.365                                               | 29-May | 9.997                                                       | 29-May |
| June 2023      | 17.665                                               | 27-Jun | 14.894                                                      | 30-Jun |

<sup>1</sup>DM is the highest two-hour average water temperature recorded during a given 24-hour period (5 CCR 1002.31.5 (13)).  
<sup>2</sup>MWAT is the highest seven-day average water temperature recorded during a given 24-hour period (5 CCR 1002.31.5 (13)).  
 average temperatures over a seven-day consecutive period, with a minimum of three data points spaced equally through each day (5 CCR 1002.31.5 (50)).



# DMR Copy of Record

|                                                     |                                                          |                                                                           |
|-----------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|
| <b>Permit #:</b> CO0038776                          | <b>Permittee:</b> Mountain Coal Co LLC                   | <b>Facility:</b> WEST ELK MINE                                            |
| <b>Major:</b> No                                    | 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> 034<br>External Outfall   | <b>Discharge:</b> 034-Q<br>Quarterly Monitoring for 034A |                                                                           |
| <b>Report Dates &amp; Status</b>                    | <b>DMR Due Date:</b> 07/28/23                            | <b>Status:</b> NetDMR Validated                                           |
| <b>Monitoring Period:</b> From 04/01/23 to 06/30/23 |                                                          |                                                                           |
| <b>Considerations for Form Completion</b>           |                                                          |                                                                           |
| <b>Principal Executive Officer</b>                  |                                                          |                                                                           |
| <b>First Name:</b>                                  |                                                          | <b>Telephone:</b>                                                         |
| <b>Last Name:</b>                                   |                                                          |                                                                           |
| <b>No Data Indicator (NODI)</b>                     |                                                          |                                                                           |
| <b>Title:</b>                                       |                                                          |                                                                           |

| Cods  | Parameter Name                             | Monitoring Location | Season | Param. HODI | 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                                      |                   |           |
| 00940 | Chloride [as Cl]                           | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon 30DA AVG         | C - No Discharge |         | 19 - mg/L                                  | 01/60 - Quarterly | GR - GRAB |
| 00978 | Arsenic, total recoverable                 | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon 30DA AVG         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |
| 01056 | Manganese, dissolved [as Mn]               | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon 30DA AVG         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |
| 01074 | Nickel, total recoverable                  | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon 30DA AVG         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |
| 01114 | Lead, total recoverable                    | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon DAILY MX         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |
| 01118 | Chromium, total recoverable                | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon DAILY MX         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon DAILY MX         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |
| 01306 | Copper, potentially dissolved              | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon DAILY MX         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |
| 01314 | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon 30DA AVG         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |
| 01316 | Lead, potentially dissolved                | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon 30DA AVG         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |
| 01319 | Manganese, potentially dissolved           | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon DAILY MX         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |
| 01322 | Nickel, potentially dissolved              | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon DAILY MX         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |
| 01323 | Selenium, potentially dissolved            | 1 - Effluent Gross  | 0      | -           | Sample              | Permit Req. Value NODI |             | Req Mon DAILY MX         | C - No Discharge |         | 28 - ug/L                                  | 01/60 - Quarterly | GR - GRAB |



# DMR Copy of Record

|                    |                        |                    |                                   |                    |                                                 |
|--------------------|------------------------|--------------------|-----------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776              | 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: | 300 Influent Structure | Discharge:         | 300-I<br>Influent Measurements    |                    |                                                 |

|                       |                           |               |                  |
|-----------------------|---------------------------|---------------|------------------|
| Report Dates & Status |                           | Status:       | NetDMR Validated |
| Monitoring Period:    | From 06/01/23 to 06/30/23 | DMR Due Date: | 07/28/23         |

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

Principal Executive Officer

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

No Data Indicator (NODI)

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

## Submission Note

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

## Edit Check Errors

No errors.

Comments

## Attachments

No attachments

## Report Last Saved By

Mountain Coal Co LLC

|            |                                      |
|------------|--------------------------------------|
| User:      | NPOULOS1031                          |
| Name:      | Nicole Poulos                        |
| E-Mail:    | npoulos@archsc.com                   |
| Date/Time: | 2023-07-13 09:03 (Time Zone: -06:00) |

## Report Last Signed By

|            |                                      |
|------------|--------------------------------------|
| User:      | JWILCZEK                             |
| Name:      | Jessica Wilczek                      |
| E-Mail:    | jwilczek@archsc.com                  |
| Date/Time: | 2023-07-25 12:14 (Time Zone: -06:00) |

DMR Copy of Record

Permit  
Permit #: CO0038776  
Major: No

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

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

Permitted Feature:  
030  
External Outfall

Discharge:  
Stormwater from Drainage Basins 46B1 and 46B2 to Sylvester Gulch

Report Dates & Status  
Monitoring Period: From 06/01/23 to 06/30/23

DMR Due Date:  
07/28/23

Considerations for Form Completion

Status:  
NetDMR Validated

Principal Executive Officer  
First Name:  
Last Name:

Title:

No Data Indicator (NODI)

Form NODI:

Telephone:

| Code  | Parameter Name                           | Monitoring Location | Session # | Param. NODI | Quantity or Loading    |          | Quality or Concentration |         | Value 3          |         | # of Ex. Frequency of Analysis |                | Sample Type  |
|-------|------------------------------------------|---------------------|-----------|-------------|------------------------|----------|--------------------------|---------|------------------|---------|--------------------------------|----------------|--------------|
|       |                                          |                     |           |             | Qualifier 1            | Value 1  | Qualifier 2              | Value 2 | Qualifier 3      | Value 3 | Units                          | Units          |              |
| 00400 | pH                                       | 1 - Effluent Gross  | 0         | -           | Sample                 | 8.39     |                          |         | Req Mon MINIMUM  |         | 12 - SU                        | 0130 - Monthly | GR - GRAB    |
|       |                                          |                     |           |             | Permit Req. Value NODI |          |                          |         |                  |         |                                | 0130 - Monthly | GR - GRAB    |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0         | -           | Sample                 | 4.0      |                          |         | Req Mon 30DA AVG |         | 19 - mg/L                      | 0130 - Monthly | GR - GRAB    |
|       |                                          |                     |           |             | Permit Req. Value NODI |          |                          |         |                  |         |                                | 0130 - Monthly | GR - GRAB    |
| 00545 | Solids, settleable                       | 1 - Effluent Gross  | 0         | -           | Sample                 | 0.1      |                          |         | Req Mon 30DA AVG |         | 25 - mL/L                      | 0130 - Monthly | GR - GRAB    |
|       |                                          |                     |           |             | Permit Req. Value NODI |          |                          |         |                  |         |                                | 0130 - Monthly | GR - GRAB    |
| 00980 | Iron, total recoverable                  | 1 - Effluent Gross  | 0         | -           | Sample                 | 110.0    |                          |         | Req Mon 30DA AVG |         | 28 - ug/L                      | 0130 - Monthly | GR - GRAB    |
|       |                                          |                     |           |             | Permit Req. Value NODI |          |                          |         |                  |         |                                | 0130 - Monthly | GR - GRAB    |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0         | -           | Sample                 | 0.010224 |                          |         | Req Mon 30DA AVG |         |                                | 0130 - Monthly | IN - INSTANT |
|       |                                          |                     |           |             | Permit Req. Value NODI |          |                          |         |                  |         |                                | 0130 - Monthly | IN - INSTANT |

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:

NPOULOS1031

Name:

Nicole Poulos

E-Mail:

npoulos@archisc.com

Date/Time

2023-07-13 09:43 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archisc.com

Date/Time:

2023-07-25 12:14 (Time Zone: -06:00)

DMR Copy of Record

|                                                                                                                                                                                                                            |                       |                                                                                       |                                         |                           |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------|-----------------------------------------|---------------------------|--------------------------------------------|
| Permit                                                                                                                                                                                                                     |                       | Permittee:                                                                            |                                         | Facility:                 |                                            |
| Permit #:                                                                                                                                                                                                                  | C00038776             | Mountain Coal Co LLC                                                                  | 5174 Hwy 133                            | WEST ELK MINE             |                                            |
| Major:                                                                                                                                                                                                                     | No                    | Somersel, CO 81434                                                                    | 011A-W                                  | HWY 133, E OF TOWN        |                                            |
| Permitted Feature:                                                                                                                                                                                                         |                       | Discharge:                                                                            |                                         | GUNNISON COUNTY, CO 81434 |                                            |
| 011A<br>External Outfall                                                                                                                                                                                                   |                       | Acute Monthly WET Testing for 011A                                                    |                                         |                           |                                            |
| Report Dates & Status                                                                                                                                                                                                      |                       | DMR Due Date:                                                                         |                                         | Status:                   |                                            |
| Monitoring Period: From 06/01/23 to 06/30/23                                                                                                                                                                               |                       | 07/28/23                                                                              |                                         | NetDMR Validated          |                                            |
| Considerations for Form Completion                                                                                                                                                                                         |                       |                                                                                       |                                         |                           |                                            |
| Principal Executive Officer                                                                                                                                                                                                |                       | Title:                                                                                |                                         | Telephone:                |                                            |
| First Name:                                                                                                                                                                                                                |                       |                                                                                       |                                         |                           |                                            |
| Last Name:                                                                                                                                                                                                                 |                       |                                                                                       |                                         |                           |                                            |
| No Data Indicator (NODI)                                                                                                                                                                                                   |                       |                                                                                       |                                         |                           |                                            |
| 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 1 Value 1 Qualifier 2 Value 2 | Qualifier 3 Value 3       | Units                                      |
| 51484                                                                                                                                                                                                                      | Number of Events      | 1 - Effluent Gross 0                                                                  | 10.0 30DA AVG                           | 3.0 MX 7D AV              | 5J - #                                     |
|                                                                                                                                                                                                                            |                       |                                                                                       | C - No Discharge                        | C - No Discharge          | 0130 - Monthly                             |
|                                                                                                                                                                                                                            |                       |                                                                                       |                                         |                           | CA - CALCTD                                |
| 81381                                                                                                                                                                                                                      | Duration of discharge | 1 - Effluent Gross 0                                                                  | 3.0 MX 7D AV                            | 3.0 MX 7D AV              | 5A - d                                     |
|                                                                                                                                                                                                                            |                       |                                                                                       | C - No Discharge                        | C - No Discharge          | 0107 - Weekly                              |
|                                                                                                                                                                                                                            |                       |                                                                                       |                                         |                           | CA - CALCTD                                |
| 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:                                                                                                                                                                                                                      |                       |                                                                                       |                                         |                           |                                            |
| NPOULOS1031                                                                                                                                                                                                                |                       |                                                                                       |                                         |                           |                                            |
| Name:                                                                                                                                                                                                                      |                       |                                                                                       |                                         |                           |                                            |
| Nicole Poulos                                                                                                                                                                                                              |                       |                                                                                       |                                         |                           |                                            |
| E-Mail:                                                                                                                                                                                                                    |                       |                                                                                       |                                         |                           |                                            |
| npoulos@archisc.com                                                                                                                                                                                                        |                       |                                                                                       |                                         |                           |                                            |
| Date/Time:                                                                                                                                                                                                                 |                       |                                                                                       |                                         |                           |                                            |
| 2023-07-10 07:44 (Time Zone: -06:00)                                                                                                                                                                                       |                       |                                                                                       |                                         |                           |                                            |
| Report Last Signed By                                                                                                                                                                                                      |                       |                                                                                       |                                         |                           |                                            |
| JWILCZEK                                                                                                                                                                                                                   |                       |                                                                                       |                                         |                           |                                            |
| User:                                                                                                                                                                                                                      |                       |                                                                                       |                                         |                           |                                            |
| Jessica Wilczek                                                                                                                                                                                                            |                       |                                                                                       |                                         |                           |                                            |
| Name:                                                                                                                                                                                                                      |                       |                                                                                       |                                         |                           |                                            |
| jwilczek@archisc.com                                                                                                                                                                                                       |                       |                                                                                       |                                         |                           |                                            |
| E-Mail:                                                                                                                                                                                                                    |                       |                                                                                       |                                         |                           |                                            |
| 2023-07-25 12:14 (Time Zone: -06:00)                                                                                                                                                                                       |                       |                                                                                       |                                         |                           |                                            |
| Date/Time:                                                                                                                                                                                                                 |                       |                                                                                       |                                         |                           |                                            |

## DMR Copy of Record

|                                    |                                            |                                        |                                                 |                     |                            |             |           |                                                                  |
|------------------------------------|--------------------------------------------|----------------------------------------|-------------------------------------------------|---------------------|----------------------------|-------------|-----------|------------------------------------------------------------------|
| Permit                             |                                            | Permittee:                             |                                                 | Facility:           |                            |             |           |                                                                  |
| 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 |                     |                            |             |           |                                                                  |
| Permitted Feature:                 |                                            | Discharge:                             | Status:                                         |                     |                            |             |           |                                                                  |
| 032<br>External Outfall            |                                            | 032-Q<br>Quarterly Monitoring for 032A | NetDMR Validated                                |                     |                            |             |           |                                                                  |
| Report Dates & Status              |                                            | DMR Due Date:                          |                                                 |                     |                            |             |           |                                                                  |
| Monitoring Period:                 |                                            | 07/28/23                               |                                                 |                     |                            |             |           |                                                                  |
| Considerations for Form Completion |                                            |                                        |                                                 |                     |                            |             |           |                                                                  |
| Principal Executive Officer        |                                            | Title:                                 |                                                 |                     |                            |             |           |                                                                  |
| First Name:                        |                                            |                                        |                                                 |                     |                            |             |           |                                                                  |
| Last Name:                         |                                            |                                        |                                                 |                     |                            |             |           |                                                                  |
| No Data Indicator (NODI)           |                                            |                                        |                                                 |                     |                            |             |           |                                                                  |
| Form NODI:                         | Monitoring Location                        | Season                                 | Param. NODI                                     | Quantity or Loading | Quality or Concentration   | Value 3     | Units     | # of Ex. Frequency of Analysis Sample Type                       |
| Code                               | Parameter Name                             |                                        |                                                 | Qualifier 1 Value 1 | Qualifier 2 Value 2        | Qualifier 3 |           |                                                                  |
| 00940                              | Chloride [as Cl]                           | 1 - Effluent Gross                     | 0                                               | 6.6                 | Req Mon 30DA AVG           |             | 19 - mg/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 00978                              | Arsenic, total recoverable                 | 1 - Effluent Gross                     | 0                                               | 1.3                 | Req Mon 30DA AVG           |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 01035                              | Manganese, dissolved [as Mn]               | 1 - Effluent Gross                     | 0                                               | 11.0                | Req Mon 30DA AVG           |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 01074                              | Nickel, total recoverable                  | 1 - Effluent Gross                     | 0                                               | 3.1                 | Req Mon 30DA AVG           |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 01114                              | Lead, total recoverable                    | 1 - Effluent Gross                     | 0                                               | 3.6                 | Req Mon DAILY MX 28 - ug/L |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 01118                              | Chromium, total recoverable                | 1 - Effluent Gross                     | 0                                               | 3.1                 | Req Mon 30DA AVG           |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 01303                              | Zinc, potentially dissolved                | 1 - Effluent Gross                     | 0                                               | 14.0                | Req Mon DAILY MX 28 - ug/L |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 01305                              | Copper, potentially dissolved              | 1 - Effluent Gross                     | 0                                               | 2.4                 | Req Mon 30DA AVG           |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 01314                              | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross                     | 0                                               | 20.0                | Req Mon 30DA AVG           |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 01316                              | Lead, potentially dissolved                | 1 - Effluent Gross                     | 0                                               | 2.1                 | Req Mon 30DA AVG           |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 01319                              | Manganese, potentially dissolved           | 1 - Effluent Gross                     | 0                                               | 93.0                | Req Mon 30DA AVG           |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 01322                              | Nickel, potentially dissolved              | 1 - Effluent Gross                     | 0                                               | 1.4                 | Req Mon 30DA AVG           |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |
| 01323                              | Selenium, potentially dissolved            | 1 - Effluent Gross                     | 0                                               | 5.0                 | Req Mon 30DA AVG           |             | 28 - ug/L | 01/90 - Quarterly<br>01/90 - Quarterly<br>GR - GRAB<br>GR - GRAB |

|       |                                          |                    |   |   |                               |                            |           |                  |           |
|-------|------------------------------------------|--------------------|---|---|-------------------------------|----------------------------|-----------|------------------|-----------|
| 04262 | Chromium, trivalent total recoverable    | 1 - Effluent Gross | 0 | — | Sample Permit Req. Value NODI | Req Mon DAILY MK 28 - ug/L | 28 - ug/L | 0190 - Quarterly | GR - GRAB |
| 50286 | Mercury, total [low level]               | 1 - Effluent Gross | 0 | — | Sample Permit Req. Value NODI | Req Mon 30DA AVG           | 28 - ug/L | 0190 - Quarterly | GR - GRAB |
| 51202 | Sulfide-hydrogen sulfide [undissociated] | 1 - Effluent Gross | 0 | — | Sample Permit Req. Value NODI | Req Mon 30DA AVG           | 19 - mg/L | 0190 - Quarterly | GR - GRAB |
| 81020 | Sulfate                                  | 1 - Effluent Gross | 0 | — | Sample Permit Req. Value NODI | Req Mon 30DA AVG           | 19 - mg/L | 0190 - Quarterly | GR - GRAB |
| 82057 | Boron, total                             | 1 - Effluent Gross | 0 | — | Sample Permit Req. Value NODI | Req Mon 30DA AVG           | 19 - mg/L | 0190 - Quarterly | 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

#### Attachments

No attachments

#### Report Last Saved By

Mountain Coal Co LLC

User:

NPOULOS1031

Name:

Nicole Poulos

E-Mail:

npoulos@archisc.com

Date/Time:

2023-07-13 09:57 (Time Zone: -05:00)

#### Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archisc.com

Date/Time:

2023-07-25 12:14 (Time Zone: -05:00)

## DMR Copy of Record

|                                    |           |                                        |                                                 |           |  |
|------------------------------------|-----------|----------------------------------------|-------------------------------------------------|-----------|--|
| Permit                             |           | Permittee:                             |                                                 | Facility: |  |
| 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 |           |  |
| Permitted Feature:                 |           | Discharge:                             | Status:                                         |           |  |
| 026<br>External Outfall            |           | 026-Q<br>Quarterly Monitoring for 026A | NetDMR Validated                                |           |  |
| Report Dates & Status              |           | DMR Due Date:                          | Telephone:                                      |           |  |
| Monitoring Period:                 |           | 07/28/23                               |                                                 |           |  |
| Considerations for Form Completion |           |                                        |                                                 |           |  |
| Principal Executive Officer        |           | Title:                                 |                                                 |           |  |
| First Name:                        |           |                                        |                                                 |           |  |
| Last Name:                         |           |                                        |                                                 |           |  |
| No Data Indicator (NODI)           |           |                                        |                                                 |           |  |

| Code  | Parameter Name                             | Monitoring Location | Season | Param. NODI | Quantity or Loading           |         | Quality or Concentration |                                | Frequency of Analysis |                       | Sample Type         |
|-------|--------------------------------------------|---------------------|--------|-------------|-------------------------------|---------|--------------------------|--------------------------------|-----------------------|-----------------------|---------------------|
|       |                                            |                     |        |             | Qualifier 1                   | Value 1 | Qualifier 2              | Value 2                        | Qualifier 3           | Value 3               |                     |
| 00940 | Chloride [as Cl]                           | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 13.0 Req Mon 30DA AVG          |                       | 18 - ug/L 18 - mg/L 0 | GR - GRAB GR - GRAB |
| 00978 | Arsenic, total recoverable                 | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 0.53 Req Mon 30DA AVG          |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |
| 01056 | Manganese, dissolved [as Mn]               | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 2.4 Req Mon 30DA AVG           |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |
| 01074 | Nickel, total recoverable                  | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 1.9 Req Mon 30DA AVG           |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |
| 01114 | Lead, total recoverable                    | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 1.6 Req Mon DAILY MX 28 - ug/L |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |
| 01118 | Chromium, total recoverable                | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 1.2 Req Mon 30DA AVG           |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 12.0 Req Mon 30DA AVG          |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |
| 01306 | Copper, potentially dissolved              | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 2.4 Req Mon 30DA AVG           |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |
| 01314 | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 20.0 Req Mon 30DA AVG          |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |
| 01318 | Lead, potentially dissolved                | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 1.6 Req Mon 30DA AVG           |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |
| 01319 | Manganese, potentially dissolved           | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 100.0 Req Mon 30DA AVG         |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |
| 01322 | Nickel, potentially dissolved              | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 1.0 Req Mon 30DA AVG           |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |
| 01323 | Selenium, potentially dissolved            | 1 - Effluent Gross  | 0      | -           | Sample Permit Req. Value NODI |         |                          | 5.0 Req Mon 30DA AVG           |                       | 28 - ug/L 28 - ug/L 0 | GR - GRAB GR - GRAB |



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|                    |                         |                    |                                                     |                    |                                                 |
|--------------------|-------------------------|--------------------|-----------------------------------------------------|--------------------|-------------------------------------------------|
| 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: | Q33<br>Internal Outfall | Discharge:         | 033-A<br>Stormwater from Drainage Basin 43D and 43E |                    |                                                 |

|                                    |                           |         |                  |
|------------------------------------|---------------------------|---------|------------------|
| Report Dates & Status              |                           | Status: | NetDMR Validated |
| Monitoring Period:                 | From 06/01/23 to 06/30/23 |         |                  |
| Considerations for Form Completion |                           |         |                  |

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

No Data Indicator (NODI)

| Form NODI: | Parameter Name                           | Monitoring Location | Session | Param. NODI | Quantity or Loading |         |             | Quality or Concentration |             |         | # of Ex. Frequency of Analysis |             |         | Sample Type |
|------------|------------------------------------------|---------------------|---------|-------------|---------------------|---------|-------------|--------------------------|-------------|---------|--------------------------------|-------------|---------|-------------|
|            |                                          |                     |         |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2                  | Qualifier 3 | Value 3 | Units                          | Qualifier 4 | Value 4 |             |
| 00400      | pH                                       | 1 - Effluent Gross  | 0       | -           | Sample              |         |             |                          |             |         |                                |             |         | GR - GRAB   |
|            |                                          |                     |         |             | Permit Req.         |         |             |                          |             |         |                                |             |         |             |
| 00530      | Solids, total suspended                  | 1 - Effluent Gross  | 0       | -           | Value NODI          |         |             |                          |             |         |                                |             |         | GR - GRAB   |
|            |                                          |                     |         |             | Sample              |         |             |                          |             |         |                                |             |         |             |
| 00545      | Solids, settleable                       | 1 - Effluent Gross  | 0       | -           | Permit Req.         |         |             |                          |             |         |                                |             |         | GR - GRAB   |
|            |                                          |                     |         |             | Value NODI          |         |             |                          |             |         |                                |             |         |             |
| 00890      | Iron, total recoverable                  | 1 - Effluent Gross  | 0       | -           | Sample              |         |             |                          |             |         |                                |             |         | GR - GRAB   |
|            |                                          |                     |         |             | Permit Req.         |         |             |                          |             |         |                                |             |         |             |
| 50050      | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0       | -           | Value NODI          |         |             |                          |             |         |                                |             |         | IN - INSTAN |
|            |                                          |                     |         |             | Sample              |         |             |                          |             |         |                                |             |         |             |

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: NPOULOS1031

Name: Nicole Poulos

E-Mail: npoulos@archrsc.com

Date/Time: 2023-07-13 09:58 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archrsc.com

Date/Time: 2023-07-25 12:14 (Time Zone: -06:00)

DMR Copy of Record

|                                                                                                                                                                                                                                 |                                                    |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------|-------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------|
| Permit                                                                                                                                                                                                                          | Permit #:<br>Major:                                | CO0038776<br>No     | Permittee:<br>Permittee Address:    | Mountain Coal Co LLC<br>5174 Hwy 133<br>Somersel, CO 81434 | Facility:<br>Facility Location:                                                          | WEST ELK MINE<br>HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434                              |                                             |
| Permitted Feature:                                                                                                                                                                                                              | 011<br>External Outfall                            | Discharge:          | 011-W<br>Acute WET Testing for 011A |                                                            |                                                                                          |                                                                                               |                                             |
| Report Dates & Status                                                                                                                                                                                                           | Monitoring Period:                                 | DMR Due Date:       | 07/28/23                            | Status:                                                    | Not DMR Validated                                                                        |                                                                                               |                                             |
| Considerations for Form Completion<br>SEE LD.1, PP. 32-35, FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS. AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR. |                                                    |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| Principal Executive Officer                                                                                                                                                                                                     |                                                    |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| First Name:                                                                                                                                                                                                                     |                                                    |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| Last Name:                                                                                                                                                                                                                      |                                                    |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| No Data Indicator (NODI)                                                                                                                                                                                                        | Title:                                             |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| Form NODI:                                                                                                                                                                                                                      | Telephone:                                         |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| Code                                                                                                                                                                                                                            | Parameter Name                                     | Monitoring Location | Season #                            | Param. NODI                                                | Quantity or Loading<br>Qualifier 1 Value 1<br>Qualifier 2 Value 2<br>Qualifier 3 Value 3 | Quality of Concentration<br>Qualifier 1 Value 1<br>Qualifier 2 Value 2<br>Qualifier 3 Value 3 | \$ of B/L Frequency of Analysis Sample Type |
| TAM3C                                                                                                                                                                                                                           | LC50 Static Renewal 48HR Acute Daphnia magna       | 1 - Effluent Gross  | 0                                   | -                                                          | Sample Permit Req. Value (NODI)                                                          | Req Mon MN VALUE<br>C - No Discharge                                                          | 23 - %<br>01/60 - Quarterly<br>G3 - GRAB-3  |
| TAM6C                                                                                                                                                                                                                           | LC50 Static Renewal 96HR Acute Pimephales promelas | 1 - Effluent Gross  | 0                                   | -                                                          | Sample Permit Req. Value (NODI)                                                          | Req Mon MN VALUE<br>C - No Discharge                                                          | 23 - %<br>01/60 - Quarterly<br>G3 - GRAB-3  |
| 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:                                                                                                                                                                                                                           | NPOULOS1031                                        |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| Name:                                                                                                                                                                                                                           | Nicole Poulos                                      |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| E-Mail:                                                                                                                                                                                                                         | npoulos@archrsc.com                                |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| Date/Time:                                                                                                                                                                                                                      | 2023-07-10 07:44 (Time Zone: -06:00)               |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| Report Last Signed By                                                                                                                                                                                                           |                                                    |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| User:                                                                                                                                                                                                                           | JWILCZEK                                           |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| Name:                                                                                                                                                                                                                           | Jessica Wilczek                                    |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| E-Mail:                                                                                                                                                                                                                         | jwilczek@archrsc.com                               |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |
| Date/Time:                                                                                                                                                                                                                      | 2023-07-25 12:14 (Time Zone: -06:00)               |                     |                                     |                                                            |                                                                                          |                                                                                               |                                             |

# DMR Copy of Record

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

|                                                                       |                        |                          |
|-----------------------------------------------------------------------|------------------------|--------------------------|
| Report Dates & Status<br>Monitoring Period: From 06/01/23 to 06/30/23 | DMR Due Date: 07/28/23 | Status: NetDMR Validated |
|-----------------------------------------------------------------------|------------------------|--------------------------|

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

Principal Executive Officer

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

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

No Data Indicator (NODI)

| Form NODI: |                                          |                     |                      |                               |                                |                                    |         |                                   |             |            |             |                                |       |                      |             |         |       |  |
|------------|------------------------------------------|---------------------|----------------------|-------------------------------|--------------------------------|------------------------------------|---------|-----------------------------------|-------------|------------|-------------|--------------------------------|-------|----------------------|-------------|---------|-------|--|
| Code       | Parameter Name                           | Monitoring Location | Season & Param. NODI | Quantity or Loading           |                                |                                    |         | Quality or Concentration          |             |            |             | # of Ex. Frequency of Analysis |       |                      | Sample Type |         |       |  |
|            |                                          |                     |                      | Qualifier 1                   | Value 1                        | Qualifier 2                        | Value 2 | Units                             | Qualifier 1 | Value 1    | Qualifier 2 | Value 2                        | Units | Qualifier 3          |             | Value 3 | Units |  |
| 00010      | Temperature, water deg. centigrade       | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |                                | Req Mon MX WK AVG C - No Discharge |         | Req Mon DAILY MX C - No Discharge |             | 04 - deg C |             | 9999 - Continuous              |       | RC - Recorder (auto) |             |         |       |  |
| 00400      | pH                                       | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI | 6.5 MINIMUM C - No Discharge   |                                    |         | 9.0 MAXIMUM C - No Discharge      |             | 12 - SU    |             | 0130 - Monthly                 |       | GR - GRAB            |             |         |       |  |
| 00530      | Solids, total suspended                  | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |                                | 35.0 30DA AVG C - No Discharge     |         | 70.0 DAILY MX C - No Discharge    |             | 19 - mg/L  |             | 0130 - Monthly                 |       | GR - GRAB            |             |         |       |  |
| 00980      | Iron, total recoverable                  | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |                                | 1000.0 30DA AVG C - No Discharge   |         | 6000.0 DAILY MX C - No Discharge  |             | 28 - ug/L  |             | 0130 - 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 | Req Mon DAILY MX C - No Discharge  |         |                                   |             |            |             | 0130 - 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: NPOULOS1031  
Name: Nicole Poulos  
E-Mail: npoulos@archsc.com  
Date/Time: 2023-07-10 07:45 (Time Zone: -06:00)

## Report Last Signed By

User: JWILCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archsc.com  
Date/Time: 2023-07-25 12:14 (Time Zone: -06:00)

## DMR Copy of Record

|                    |                          |                    |                                              |                    |                                                 |
|--------------------|--------------------------|--------------------|----------------------------------------------|--------------------|-------------------------------------------------|
| <b>Permit</b>      |                          |                    |                                              |                    |                                                 |
| Permit #:          | CO0038776                | 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: | 017A<br>External Outfall | Discharge:         | 017A-W<br>Acute Monthly WET Testing for 017A |                    |                                                 |

|                                    |                           |               |          |         |
|------------------------------------|---------------------------|---------------|----------|---------|
| <b>Report Dates &amp; Status</b>   |                           |               |          |         |
| Monitoring Period:                 | From 06/01/23 to 06/30/23 | DMR Due Date: | 07/28/23 | Status: |
| Considerations for Form Completion |                           |               |          |         |

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

| 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 | Qualifier 3 Value 3      | Qualifier 4 Value 4 | Qualifier 5 Value 5            | Qualifier 6 Value 6 | Qualifier 7 Value 7 | Qualifier 8 Value 8 |
| 51484      | Number of Events      | 1 - Effluent Gross                       | 0 |                     |                     |                          |                     |                                |                     |                     |                     |
| 81381      | Duration of discharge | 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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

## DMR Copy of Record

|                                              |                                            |                      |                               |                          |                     |           |         |                       |             |
|----------------------------------------------|--------------------------------------------|----------------------|-------------------------------|--------------------------|---------------------|-----------|---------|-----------------------|-------------|
| Permit                                       | Permittee:                                 | Facility:            | WEST ELK MINE                 |                          |                     |           |         |                       |             |
| Permit #: CO0038776                          | Mountain Coal Co LLC                       | Facility Location:   | HWY 133, E OF TOWN            |                          |                     |           |         |                       |             |
| Major: No                                    | 5174 Hwy 133                               |                      | GUNNISON COUNTY, CO 81434     |                          |                     |           |         |                       |             |
| Permitted Feature: 027                       | Discharge:                                 |                      |                               |                          |                     |           |         |                       |             |
| External Outfall                             | 027-Q                                      |                      |                               |                          |                     |           |         |                       |             |
|                                              | Quarterly Monitoring for 027A              |                      |                               |                          |                     |           |         |                       |             |
| Report Dates & Status                        | DMR Due Date:                              | Status:              | NetDMR Validated              |                          |                     |           |         |                       |             |
| Monitoring Period: From 04/01/23 to 06/30/23 | 07/28/23                                   |                      |                               |                          |                     |           |         |                       |             |
| Considerations for Form Completion           |                                            |                      |                               |                          |                     |           |         |                       |             |
| Principal Executive Officer                  | Title:                                     | Telephone:           |                               |                          |                     |           |         |                       |             |
| First Name:                                  |                                            |                      |                               |                          |                     |           |         |                       |             |
| Last Name:                                   |                                            |                      |                               |                          |                     |           |         |                       |             |
| No Data Indicator (NODI)                     |                                            |                      |                               |                          |                     |           |         |                       |             |
| Form NODI:                                   |                                            |                      |                               |                          |                     |           |         |                       |             |
| Parameter Name                               | Monitoring Location                        | Season & Param. NODI | Quantity or Loading           | Quality or Concentration | Value 3             | Units     | # of Es | Frequency of Analysis | Sample Type |
| Codes                                        |                                            |                      | Qualifier 1 Value 1           | Qualifier 2 Value 2      | Qualifier 3 Value 3 |           |         |                       |             |
| 00940                                        | Chloride [as Cl]                           | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 12.0 Req Mon 30DA AVG    |                     | 19 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 00978                                        | Arsenic, total recoverable                 | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 0.75 Req Mon 30DA AVG    |                     | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01056                                        | Manganese, dissolved [as Mn]               | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 3.0 Req Mon 30DA AVG     |                     | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01074                                        | Nickel, total recoverable                  | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 1.1 Req Mon 30DA AVG     |                     | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01114                                        | Lead, total recoverable                    | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI |                          |                     | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01118                                        | Chromium, total recoverable                | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 1.4 Req Mon 30DA AVG     |                     | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01303                                        | Zinc, potentially dissolved                | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 16.0 Req Mon 30DA AVG    |                     | 38 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01305                                        | Copper, potentially dissolved              | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 1.7 Req Mon 30DA AVG     |                     | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01314                                        | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 20.0 Req Mon 30DA AVG    |                     | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01318                                        | Lead, potentially dissolved                | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 0.55 Req Mon 30DA AVG    |                     | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01319                                        | Manganese, potentially dissolved           | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 26.0 Req Mon 30DA AVG    |                     | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01322                                        | Nickel, potentially dissolved              | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 0.85 Req Mon 30DA AVG    |                     | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01323                                        | Selenium, potentially dissolved            | 1 - Effluent Gross 0 | Sample Permit Req. Value NODI | 1.0 Req Mon 30DA AVG     |                     | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |



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|                                                                                                                                                                                                                                                                                                          |                           |                    |                                                       |                    |                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|-------------------------------------------------------|--------------------|------------------------------------------------|
| Permit #:                                                                                                                                                                                                                                                                                                | CO0038776                 | 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:                                                                                                                                                                                                                                                                                       | 015<br>External Outfall   | Discharge:         | 015-AA<br>Surface Runoff to N. Fork of Gunnison River |                    |                                                |
| Report Dates & Status                                                                                                                                                                                                                                                                                    |                           | DMR Due Date:      | 07/28/23                                              | Status:            | NetDMR Validated                               |
| Monitoring Period:                                                                                                                                                                                                                                                                                       | From 06/01/23 to 06/30/23 |                    |                                                       |                    |                                                |
| Considerations for Form Completion                                                                                                                                                                                                                                                                       |                           |                    |                                                       |                    |                                                |
| TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 23 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.1.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P. |                           |                    |                                                       |                    |                                                |
| Principal Executive Officer                                                                                                                                                                                                                                                                              |                           |                    |                                                       |                    |                                                |
| First Name:                                                                                                                                                                                                                                                                                              |                           | Title:             |                                                       | Telephone:         |                                                |
| Last Name:                                                                                                                                                                                                                                                                                               |                           |                    |                                                       |                    |                                                |
| No Data Indicator (NODI)                                                                                                                                                                                                                                                                                 |                           |                    |                                                       |                    |                                                |
| Form NODI:                                                                                                                                                                                                                                                                                               |                           |                    |                                                       |                    |                                                |

| Code  | Parameter Name               | Monitoring Location | Season & Perm. NODI | Quantity or Loading           |         |             | Quality or Concentration |                  |                  | # of Ex. Frequency of Analysis |         |                                    |
|-------|------------------------------|---------------------|---------------------|-------------------------------|---------|-------------|--------------------------|------------------|------------------|--------------------------------|---------|------------------------------------|
|       |                              |                     |                     | Qualifier 1                   | Value 1 | Qualifier 2 | Qualifier 1              | Value 1          | Qualifier 2      | Qualifier 3                    | Value 3 | Units                              |
| 00094 | Conductivity                 | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NODI |         |             |                          | Req Mon 30DA AVG | C - No Discharge |                                |         | 78 - dS/m                          |
| 00400 | pH                           | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NODI |         |             |                          | 8.5 MINIMUM      | C - No Discharge | 9.0 MAXIMUM                    |         | 12 - SU                            |
| 00440 | Bicarbonate Ion- [as HCO3]   | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NODI |         |             |                          | Req Mon 30DA AVG | C - No Discharge |                                |         | 0230 - Twice Per Month GR - GRAB   |
| 00530 | Solids, total suspended      | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NODI |         |             |                          | 35.0 30DA AVG    | C - No Discharge | 70.0 DAILY MX                  |         | 0130 - Monthly                     |
| 00918 | Calcium, total recoverable   | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NODI |         |             |                          | Req Mon 30DA AVG | C - No Discharge |                                |         | 0230 - Twice Per Month GR - GRAB   |
| 00921 | Magnesium, total recoverable | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NODI |         |             |                          | Req Mon 30DA AVG | C - No Discharge |                                |         | 0230 - Twice Per Month GR - GRAB   |
| 00923 | Sodium, total recoverable    | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NODI |         |             |                          | Req Mon 30DA AVG | C - No Discharge |                                |         | 0230 - Twice Per Month GR - GRAB   |
| 00931 | Sodium adsorption ratio      | EG - Effluent Gross | 0                   | Sample Permit Req. Value NODI |         |             |                          | Req Mon 30DA AVG | C - No Discharge |                                |         | 0230 - Twice Per Month CA - CALCTD |
| 00931 | Sodium adsorption ratio      | P - See Comments    | 0                   | Sample Permit Req. Value NODI |         |             |                          | Req Mon 30DA AVG | C - No Discharge |                                |         | 0230 - Twice Per Month CA - CALCTD |
| 00940 | Chloride [as Cl]             | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NODI |         |             |                          | Req Mon 30DA AVG | C - No Discharge |                                |         | 0230 - Twice Per Month GR - GRAB   |
| 00978 | Arsenic, total recoverable   | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NODI |         |             |                          | Req Mon 30DA AVG | C - No Discharge |                                |         | 0230 - Twice Per Month GR - GRAB   |
| 00980 | Iron, total recoverable      | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NODI |         |             |                          | 3000.0 30DA AVG  | C - No Discharge | 6000.0 DAILY MX                |         | 0130 - Monthly                     |
| 01046 | Iron, dissolved [as Fe]      | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NODI |         |             |                          | 3297.0 30DA AVG  | C - No Discharge |                                |         | 0230 - Twice Per Month GR - GRAB   |



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

**Edit Check Errors**

No errors.

Comments

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

NPOULOS1031

Nicole Poulos

npoulos@archrsc.com

2023-07-10 07:45 (Time Zone -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2023-07-25 12:14 (Time Zone -06:00)

# DMR Copy of Record

|                                                    |                           |                    |                                        |                    |                                                 |
|----------------------------------------------------|---------------------------|--------------------|----------------------------------------|--------------------|-------------------------------------------------|
| Permit                                             | CO0038776                 | Permittee:         | Mountain Coal Co LLC                   | Facility:          | WEST ELK MINE                                   |
| Major:                                             | No                        | Permittee Address: | 5174 Hwy 133<br>Somerset, CO 81434     | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature:                                 | 008<br>External Outfall   | Discharge:         | 008-Q<br>Quarterly Monitoring for 008A | Status:            | NetDMR Validated                                |
| Report Dates & Status                              |                           |                    |                                        |                    |                                                 |
| Monitoring Period:                                 | From 04/01/23 to 06/30/23 |                    |                                        |                    |                                                 |
| Considerations for Form Completion                 |                           |                    |                                        |                    |                                                 |
| Quarterly monitoring - see Appendix B, #35, pg 64. |                           |                    |                                        |                    |                                                 |
| Principal Executive Officer                        |                           |                    |                                        |                    |                                                 |
| First Name:                                        | Title:                    |                    |                                        |                    |                                                 |
| Last Name:                                         | Telephone:                |                    |                                        |                    |                                                 |

| Form NODI: |                         | Monitoring Location |                      | Season # Param. NODI |                     | Quantity or Loading |                     | Quality or Concentration |                     | Frequency of Analysis |                     | Sample Type         |                       |
|------------|-------------------------|---------------------|----------------------|----------------------|---------------------|---------------------|---------------------|--------------------------|---------------------|-----------------------|---------------------|---------------------|-----------------------|
| Code       | Parameter Name          | Monitoring Location | Season # Param. NODI | Qualifier 1 Value 1  | Qualifier 2 Value 2 | Qualifier 3 Value 3 | Qualifier 4 Value 4 | Qualifier 5 Value 5      | Qualifier 6 Value 6 | Qualifier 7 Value 7   | Qualifier 8 Value 8 | Qualifier 9 Value 9 | Qualifier 10 Value 10 |
| 70295      | Solids, total dissolved | 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.

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:

JWILCZEK

Jessica Wilczek

jwilczek@archsc.com

2023-07-25 12:14 (Time Zone: -06:00)

NPOULOS1031

Nicole Poulos

npoulos@archsc.com

2023-07-10 07:43 (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>                                                                                                                                                                 | 017<br>External Outfall                             | <b>Discharge:</b> 017-W<br>Acute WET Testing for 017A       |                                                                                                                                                        |
| <b>Report Dates &amp; Status</b>                                                                                                                                                          | <b>Monitoring Period:</b> From 04/01/23 to 06/30/23 | <b>DMR Due Date:</b> 07/28/23                               | <b>Status:</b> NetDMR Validated                                                                                                                        |
| <b>Considerations for Form Completion</b>                                                                                                                                                 |                                                     |                                                             |                                                                                                                                                        |
| SEE LD.1, PP. 32-34, FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS. AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR. |                                                     |                                                             |                                                                                                                                                        |
| <b>Principal Executive Officer</b>                                                                                                                                                        | <b>First Name:</b>                                  | <b>Title:</b>                                               | <b>Telephone:</b>                                                                                                                                      |
| <b>No Data Indicator (NODI)</b>                                                                                                                                                           | <b>Form NODI:</b> -                                 | <b>Parameter Name:</b>                                      |                                                                                                                                                        |
| <b>Code</b>                                                                                                                                                                               | <b>Monitoring Location</b>                          | <b>Season &amp; Param. NODI</b>                             | <b>Quantity or Loading</b>                                                                                                                             |
|                                                                                                                                                                                           |                                                     |                                                             | <b>Qualifier 1 Value 1</b> <b>Qualifier 2 Value 2</b> <b>Qualifier 3 Value 3</b> <b>Units</b> <b># of Ex. Frequency of Analysis</b> <b>Sample Type</b> |
| TAM3C LC50 Static Renewal 48Hr Acute Daphnia magna                                                                                                                                        | 1 - Effluent Gross                                  | 0                                                           | Sample Permit Req. Value NODI<br>100.0 MN VALUE<br>C - No Discharge<br>23 - %<br>0190 - Quarterly<br>03 - GRAB-3                                       |
| TAN6C LC50 Static Renewal 96Hr Acute Pimephales promelas                                                                                                                                  | 1 - Effluent Gross                                  | 0                                                           | Sample Permit Req. Value NODI<br>100.0 MN VALUE<br>C - No Discharge<br>23 - %<br>0190 - Quarterly<br>03 - GRAB-3                                       |

**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:** NPOULOS1031  
**Name:** Nicole Poulos  
**E-Mail:** npoulos@archrsc.com  
**Date/Time:** 2023-07-10 07:46 (Time Zone: -06:00)

**Report Last Signed By**

**User:** JWILCZEK  
**Name:** Jessica Wilczek  
**E-Mail:** jwilczek@archrsc.com  
**Date/Time:** 2023-07-25 12:14 (Time Zone: -06:00)

# DMR Copy of Record

|                                                                                                                                                                        |                           |                                  |                                                             |                                 |                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------|-------------------------------------------------------------|---------------------------------|------------------------------------------------------------------|
| Permit<br>Permit #:<br>Major:                                                                                                                                          | CO0038776<br>No           | Permittee:<br>Permittee Address: | Mountain Coal Co LLC<br>5174 Hwy 133<br>Sommerset, CO 81434 | Facility:<br>Facility Location: | WEST ELK MINE<br>HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature:                                                                                                                                                     | 012<br>External Outfall   | Discharge:                       | 012-Q<br>Quarterly Monitoring for 012A                      | Status:                         | NetDMR Validated                                                 |
| Report Dates & Status<br>Monitoring Period:<br>Considerations for Form Completion<br>Quarterly monitoring - see Appendix B, #35, pg 64.<br>Principal Executive Officer | From 04/01/23 to 06/30/23 | DMR Due Date:                    | 07/28/23                                                    |                                 |                                                                  |
| First Name:                                                                                                                                                            |                           | Title:                           |                                                             | Telephone:                      |                                                                  |
| Last Name:                                                                                                                                                             |                           |                                  |                                                             |                                 |                                                                  |
| No Data Indicator (NODI)                                                                                                                                               | --                        |                                  |                                                             |                                 |                                                                  |

| Code  | Parameter               | Name | Monitoring Location | Season | # Param. NODI | Qualifier 1        | Value 1 | Qualifier 2 | Value 2 | Qualifier 3      | Value 3 | Units     | # of Ex. | Frequency of Analysis | Sample Type |
|-------|-------------------------|------|---------------------|--------|---------------|--------------------|---------|-------------|---------|------------------|---------|-----------|----------|-----------------------|-------------|
| 70295 | Solids, total dissolved |      | 1 - Effluent Gross  | 0      | --            | Sample Permit Req. |         |             |         | Req Mon QTR AVG  |         | 19 - mg/L | 01500    | Quarterly             | GR - GRAB   |
|       |                         |      |                     |        |               | Value NODI         |         |             |         | C - No Discharge |         |           |          |                       |             |

**Submission Note**  
If a parameter row does not contain any values for the Sample no. 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:

NPOULOS1031

Nicole Poulos

npoulos@archrsc.com

2023-07-10 07:44 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2023-07-25 12:14 (Time Zone: -06:00)

# DMR Copy of Record

|                    |                         |                    |                                        |                    |                                                 |
|--------------------|-------------------------|--------------------|----------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776               | Permittee:         | Mountain Coal Co LLC                   | Facility:          | WEST ELK MINE                                   |
| Major:             | No                      | Permittee Address: | 5174 Hwy 133<br>Somersel, CO 81434     | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature: | 030<br>External Outfall | Discharge:         | 030-Q<br>Quarterly Monitoring for 030A |                    |                                                 |

|                                                                                       |               |                  |
|---------------------------------------------------------------------------------------|---------------|------------------|
| Report Dates & Status                                                                 | DMR Due Date: | Status:          |
| Monitoring Period:<br>From 04/01/23 to 06/30/23<br>Considerations for Form Completion | 07/28/23      | NetDMR Validated |

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

|                          |  |
|--------------------------|--|
| No Data Indicator (NODI) |  |
| Form NODI:               |  |

| Code  | Parameter Name                             | Monitoring Location | Season # | Param. NODI | Qualifier 1 | Value 1     | Qualifier 2 | Value 2 | Qualifier 3                | Value 3 | Units     | # of EA | Frequency of Analysis | Sample Type |
|-------|--------------------------------------------|---------------------|----------|-------------|-------------|-------------|-------------|---------|----------------------------|---------|-----------|---------|-----------------------|-------------|
| 00940 | Chloride (as Cl)                           | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 4.0     | Req Mon 30DA AVG           |         | 19 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 00978 | Arsenic, total recoverable                 | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 1.5     | Req Mon 30DA AVG           |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01056 | Manganese, dissolved (as Mn)               | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 14.0    | Req Mon 30DA AVG           |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01074 | Nickel, total recoverable                  | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 4.4     | Req Mon 30DA AVG           |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01114 | Lead, total recoverable                    | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 4.7     | Req Mon DAILY MX 28 - ug/L |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01118 | Chromium, total recoverable                | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 4.4     | Req Mon DAILY MX 28 - ug/L |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 18.0    | Req Mon DAILY MX 28 - ug/L |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01306 | Copper, potentially dissolved              | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 2.7     | Req Mon DAILY MX 28 - ug/L |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01314 | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 20.0    | Req Mon 30DA AVG           |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01318 | Lead, potentially dissolved                | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 2.3     | Req Mon DAILY MX 28 - ug/L |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01319 | Manganese, potentially dissolved           | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 110.0   | Req Mon DAILY MX 28 - ug/L |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01322 | Nickel, potentially dissolved              | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 1.4     | Req Mon DAILY MX 28 - ug/L |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |
| 01323 | Selenium, potentially dissolved            | 1 - Effluent Gross  | 0        | -           | Sample      | Permit Req. | Value NODI  | 5.0     | Req Mon DAILY MX 28 - ug/L |         | 28 - ug/L | 0       | 0190 - Quarterly      | GR - GRAB   |





|                                                                                                                                                                                                                                                                               |                           |                     |                                         |                    |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------|-----------------------------------------|--------------------|-------------------------------------------------|
| 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:                                                                                                                                                                                                                                                            | 005<br>External Outfall   | Discharge:          | 005-CQ<br>Quarterly Monitoring for 005A |                    |                                                 |
| Report Dates & Status                                                                                                                                                                                                                                                         |                           | DMR Due Date:       | 07/28/23                                | Status:            | NetDMR Validated                                |
| Monitoring Period:                                                                                                                                                                                                                                                            | From 04/01/23 to 06/30/23 |                     |                                         |                    |                                                 |
| Considerations for Form Completion                                                                                                                                                                                                                                            |                           |                     |                                         |                    |                                                 |
| Quarterly monitoring - see Appendix B, #35, pg 64.                                                                                                                                                                                                                            |                           |                     |                                         |                    |                                                 |
| Principal Executive Officer                                                                                                                                                                                                                                                   |                           |                     |                                         |                    |                                                 |
| First Name:                                                                                                                                                                                                                                                                   |                           | Title:              |                                         | Telephone:         |                                                 |
| Last Name:                                                                                                                                                                                                                                                                    |                           |                     |                                         |                    |                                                 |
| No Data Indicator (NODI)                                                                                                                                                                                                                                                      |                           |                     |                                         |                    |                                                 |
| Form NODI:                                                                                                                                                                                                                                                                    |                           |                     |                                         |                    |                                                 |
| Code                                                                                                                                                                                                                                                                          | Parameter Name            | Monitoring Location | Season                                  | Param. NODI        |                                                 |
| 70295                                                                                                                                                                                                                                                                         | Solids, total dissolved   | 1 - Effluent Gross  | 0                                       | -                  |                                                 |
| <div> <div>Submission Note</div> <div>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.</div> </div> |                           |                     |                                         |                    |                                                 |
| <div> <div>Edit Check Errors</div> <div>No errors.</div> </div>                                                                                                                                                                                                               |                           |                     |                                         |                    |                                                 |
| <div> <div>Comments</div> <div>No Discharge</div> </div>                                                                                                                                                                                                                      |                           |                     |                                         |                    |                                                 |
| <div> <div>Attachments</div> <div>No attachments</div> </div>                                                                                                                                                                                                                 |                           |                     |                                         |                    |                                                 |
| <div> <div>Report Last Saved By</div> <div>Mountain Coal Co LLC</div> </div>                                                                                                                                                                                                  |                           |                     |                                         |                    |                                                 |
| <div> <div>User:</div> <div>NPOULOS1031</div> </div>                                                                                                                                                                                                                          |                           |                     |                                         |                    |                                                 |
| <div> <div>Name:</div> <div>Nicole Poulos</div> </div>                                                                                                                                                                                                                        |                           |                     |                                         |                    |                                                 |
| <div> <div>E-Mail:</div> <div>npoulos@archrsc.com</div> </div>                                                                                                                                                                                                                |                           |                     |                                         |                    |                                                 |
| <div> <div>Date/Time:</div> <div>2023-07-10 07:42 (Time Zone: -06:00)</div> </div>                                                                                                                                                                                            |                           |                     |                                         |                    |                                                 |
| <div> <div>Report Last Signed By</div> <div></div> </div>                                                                                                                                                                                                                     |                           |                     |                                         |                    |                                                 |
| <div> <div>User:</div> <div>JWILCZEK</div> </div>                                                                                                                                                                                                                             |                           |                     |                                         |                    |                                                 |
| <div> <div>Name:</div> <div>Jessica Wilczek</div> </div>                                                                                                                                                                                                                      |                           |                     |                                         |                    |                                                 |
| <div> <div>E-Mail:</div> <div>jwilczek@archrsc.com</div> </div>                                                                                                                                                                                                               |                           |                     |                                         |                    |                                                 |
| <div> <div>Date/Time:</div> <div>2023-07-25 12:14 (Time Zone: -06:00)</div> </div>                                                                                                                                                                                            |                           |                     |                                         |                    |                                                 |

# DMR Copy of Record

|                       |                                   |                    |                                    |                    |                                                 |
|-----------------------|-----------------------------------|--------------------|------------------------------------|--------------------|-------------------------------------------------|
| 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:    | UST1<br>Receiving Water (Ambient) | Discharge:         | UST1-A<br>Instream Monitoring      |                    |                                                 |
| Report Dates & Status |                                   | DMR Due Date:      | 07/28/23                           | Status:            | NetDMR Validated                                |
| Monitoring Period:    | From 06/01/23 to 06/30/23         |                    |                                    |                    |                                                 |

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

No Date Indicator (NODI)

Form NODI:

Code

Parameter Name

Monitoring Location

Season & Param. NODI

Qualifier 1 Value 1 Qualifier 2

Qualifier 1 Value 2 Qualifier 2

Quantity or Loading

Quality or Concentration

Value 2

Value 3

Units

# of Ex. Frequency of Analysis

Sample Type

00010 Temperature, water deg. centigrade

Z - Instream Monitoring

0

8 843

Req Mon MX WK AV

10 797

Req Mon DAILY MX

04 - deg C

99999 - Continuous

99999 - Continuous

RC - Recorder (auto)

RC - Recorder (auto)

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then note 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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

# DMR Copy of Record

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

|                                    |                           |         |                  |
|------------------------------------|---------------------------|---------|------------------|
| Report Dates & Status              |                           | Status: | NetDMR Validated |
| Monitoring Period:                 | From 06/01/23 to 06/30/23 |         |                  |
| Considerations for Form Completion |                           |         |                  |

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

|                          |  |
|--------------------------|--|
| No Data Indicator (NODI) |  |
| Form NODI:               |  |

| Code  | Parameter Name                           | Monitoring Location Season & Paren. NODI | Qualifier 1 | Value 1 | Quantity or Loading Qualifier 2 | Value 2 | Units | Qualifier 3 | Value 3 | Units | Req Mon MINIMUM C - No Discharge | Req Mon MAXIMUM C - No Discharge | Frequency of Analysis | Sample Type |
|-------|------------------------------------------|------------------------------------------|-------------|---------|---------------------------------|---------|-------|-------------|---------|-------|----------------------------------|----------------------------------|-----------------------|-------------|
| 00400 | pH                                       | 1 - Effluent Gross 0                     |             |         |                                 |         |       |             |         |       |                                  |                                  | 01/30 - Monthly       | GR - GRAB   |
| 00980 | Iron, total recoverable                  | 1 - Effluent Gross 0                     |             |         |                                 |         |       |             |         |       |                                  |                                  | 01/30 - Monthly       | GR - GRAB   |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross 0                     |             |         |                                 |         |       |             |         |       |                                  |                                  | 01/30 - Monthly       | IN - INSTAN |

## Submission Note

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

## Edit Check Errors

No errors

Comments

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:

NPOULOS1031  
Nicole Poulos  
npoulos@archtrsc.com  
2023-07-13 09:51 (Time Zone: -06:00)

JWILCZEK  
Jessica Wilczek  
jwilczek@archtrsc.com  
2023-07-25 12:14 (Time Zone: -06:00)

DMR Copy of Record

|                                    |                           |                    |                                                                 |                    |                                                 |
|------------------------------------|---------------------------|--------------------|-----------------------------------------------------------------|--------------------|-------------------------------------------------|
| Permit #:                          | CO0038776                 | Permittee:         | Mountain Coal Co LLC                                            | Facility:          | WEST ELK MINE                                   |
| Major:                             | No                        | Permittee Address: | 5174 Hwy 133<br>Somersel, CO 81434                              | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature:                 | 026<br>External Outfall   | Discharge:         | 026-A<br>Stormwater from Drainage Basin 49A3 to Sylvester Gulch | Status:            | NetDMR Validated                                |
| Report Dates & Status              |                           |                    |                                                                 |                    |                                                 |
| Monitoring Period:                 | From 06/01/23 to 06/30/23 | DMR Due Date:      | 07/28/23                                                        |                    |                                                 |
| Considerations for Form Completion |                           |                    |                                                                 |                    |                                                 |

|                             |            |
|-----------------------------|------------|
| Principal Executive Officer | Telephone: |
| First Name:                 |            |
| Last Name:                  |            |
| No Data Indicator (NODI)    |            |
| Form NODI:                  |            |

| Form NODI:     |                                          |                    |   |   | Monitoring Location Season # Param. NODI |  |             |  |         |                                   |             |  |         |  | Quantity or Loading |  |         |  | Quantity or Concentration |  |                                   |  | # of Ex. Frequency of Analysis Sample Type |  |           |                 |              |
|----------------|------------------------------------------|--------------------|---|---|------------------------------------------|--|-------------|--|---------|-----------------------------------|-------------|--|---------|--|---------------------|--|---------|--|---------------------------|--|-----------------------------------|--|--------------------------------------------|--|-----------|-----------------|--------------|
| Parameter Name |                                          | Code               |   |   | Qualifier 1                              |  | Qualifier 2 |  | Value 1 |                                   | Qualifier 1 |  | Value 1 |  | Qualifier 2         |  | Value 2 |  | Units                     |  | Qualifier 3                       |  | Value 3                                    |  | Units     |                 |              |
| 00400          | pH                                       | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI            |  |             |  |         | Req Mon MINIMUM C - No Discharge  |             |  |         |  |                     |  |         |  |                           |  | Req Mon MAXIMUM C - No Discharge  |  |                                            |  | 12 - SU   | 01/00 - Monthly | GR - GRAB    |
| 00530          | Solids, total suspended                  | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI            |  |             |  |         | Req Mon 30DA AVG C - No Discharge |             |  |         |  |                     |  |         |  |                           |  | Req Mon DAILY MX C - No Discharge |  |                                            |  | 19 - mg/L | 01/00 - Monthly | GR - GRAB    |
| 00545          | Solids, settleable                       | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI            |  |             |  |         | Req Mon 30DA AVG C - No Discharge |             |  |         |  |                     |  |         |  |                           |  | Req Mon DAILY MX C - No Discharge |  |                                            |  | 25 - mL/L | 01/00 - Monthly | GR - GRAB    |
| 00980          | Iron, total recoverable                  | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI            |  |             |  |         | Req Mon 30DA AVG C - No Discharge |             |  |         |  |                     |  |         |  |                           |  | Req Mon DAILY MX C - No Discharge |  |                                            |  | 28 - ug/L | 01/00 - Monthly | GR - GRAB    |
| 50050          | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI            |  |             |  |         | 0.22 30DA AVG C - No Discharge    |             |  |         |  |                     |  |         |  |                           |  | Req Mon DAILY MX C - No Discharge |  |                                            |  |           | 01/00 - 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:                | NPOULOS1031                          |
| Name:                | Nicole Poulos                        |
| E-Mail:              | npoulos@archrsc.com                  |
| Date/Time:           | 2023-07-13 09:21 (Time Zone: -06:00) |

|                       |                                      |
|-----------------------|--------------------------------------|
| Report Last Signed By | JWILCZEK                             |
| User:                 | Jessica Wilczek                      |
| Name:                 | Jessica Wilczek                      |
| E-Mail:               | jwilczek@archrsc.com                 |
| Date/Time:            | 2023-07-25 12:14 (Time Zone: -06:00) |

DMR Copy of Record

|                    |                         |                    |                                         |                    |                                                 |
|--------------------|-------------------------|--------------------|-----------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776               | 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: | 011<br>External Outfall | Discharge:         | 011-AA<br>Mine Water to Sylvester Gulch |                    |                                                 |

|                                                 |               |                  |
|-------------------------------------------------|---------------|------------------|
| Report Dates & Status                           | DMR Due Date: | Status:          |
| Monitoring Period:<br>From 06/01/23 to 06/30/23 | 07/28/23      | 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.a.  
REPORT CALCULATED SAR AT MLOC=EG, ADJUSTED SAR AT MLOC=P.

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

|                          |  |
|--------------------------|--|
| No Data Indicator (NODI) |  |
| Form NODI:               |  |

| Code  | Parameter Name                     | Monitoring Location | Season | #Param. NODI | Quantity or Loading |         |       | Quality or Concentration |         |                  | # of EL Frequency of Analysis |       |                                    |
|-------|------------------------------------|---------------------|--------|--------------|---------------------|---------|-------|--------------------------|---------|------------------|-------------------------------|-------|------------------------------------|
|       |                                    |                     |        |              | Qualifier 1         | Value 1 | Units | Qualifier 1              | Value 1 | Qualifier 3      | Value 3                       | Units | Sample Type                        |
| 00010 | Temperature, water deg. centigrade | 1 - Effluent Gross  | 0      | -            | Sample              |         |       | Req Mon MX MX AV         |         | Req Mon DAILY MX | 04 - deg C                    |       | 9999 - Continuous                  |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       | RC - Recorder (auto)               |
| 00084 | Conductivity                       | 1 - Effluent Gross  | 0      | -            | Sample              |         |       | Req Mon 30DA AVG         |         |                  | 79 - dS/m                     |       | 0230 - Twice Per Month GR - GRAB   |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         |                  |                               |       |                                    |
| 00400 | pH                                 | 1 - Effluent Gross  | 0      | -            | Sample              |         |       | 6.5 MINIMUM              |         | 9.0 MAXIMUM      | 12 - SU                       |       | 0107 - Weekly                      |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       | GR - GRAB                          |
| 00440 | Bicarbonate ion- [as HCO3]         | 1 - Effluent Gross  | 0      | -            | Sample              |         |       |                          |         | Req Mon 30DA AVG | 19 - mg/L                     |       | 0230 - Twice Per Month GR - GRAB   |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       |                                    |
| 00530 | Solids, total suspended            | 1 - Effluent Gross  | 0      | -            | Sample              |         |       |                          |         | 35.0 30DA AVG    | 19 - mg/L                     |       | 0100 - Monthly                     |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       | GR - GRAB                          |
| 00918 | Calcium, total recoverable         | 1 - Effluent Gross  | 0      | -            | Sample              |         |       |                          |         | Req Mon 30DA AVG | 19 - mg/L                     |       | 0230 - Twice Per Month GR - GRAB   |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       |                                    |
| 00921 | Magnesium, total recoverable       | 1 - Effluent Gross  | 0      | -            | Sample              |         |       |                          |         | Req Mon 30DA AVG | 19 - mg/L                     |       | 0230 - Twice Per Month GR - GRAB   |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       |                                    |
| 00923 | Sodium, total recoverable          | 1 - Effluent Gross  | 0      | -            | Sample              |         |       |                          |         | Req Mon 30DA AVG | 19 - mg/L                     |       | 0230 - Twice Per Month GR - GRAB   |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       |                                    |
| 00931 | Sodium adsorption ratio            | EG - Effluent Gross | 0      | -            | Sample              |         |       |                          |         | Req Mon DAILY MX | 1U - Ratio                    |       | 0230 - Twice Per Month CA - CALCTD |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       |                                    |
| 00931 | Sodium adsorption ratio            | P - See Comments    | 0      | -            | Sample              |         |       |                          |         | Req Mon 30DA AVG | 1U - Ratio                    |       | 0230 - Twice Per Month CA - CALCTD |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       |                                    |
| 00940 | Chloride [as Cl]                   | 1 - Effluent Gross  | 0      | -            | Sample              |         |       |                          |         | Req Mon 30DA AVG | 19 - mg/L                     |       | 0230 - Twice Per Month GR - GRAB   |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       |                                    |
| 00978 | Arsenic, total recoverable         | 1 - Effluent Gross  | 0      | -            | Sample              |         |       |                          |         | Req Mon 30DA AVG | 28 - ug/L                     |       | 0230 - Twice Per Month GR - GRAB   |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       |                                    |
| 00980 | Iron, total recoverable            | 1 - Effluent Gross  | 0      | -            | Sample              |         |       |                          |         | 1000.0 30DA AVG  | 28 - ug/L                     |       | 0100 - Monthly                     |
|       |                                    |                     |        |              | Value NODI          |         |       | C - No Discharge         |         | C - No Discharge |                               |       | GR - GRAB                          |

[illegible]

C - No Discharge

Value NODL

--

1 - Effluent Gross 0

92057 Boron, total

01/07 - Weekly VI - VISUAL

Req Mon INST MAX A5 - abst-0 prst=1

Sample Permit Req.

--

1 - Effluent Gross 0

84055 Oil and grease visual

C - No Discharge

Value NODL

**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:**

NPOULOS1031

**Name:**

Nicole Poulos

**E-Mail:**

npoulos@archsc.com

**Date/Time:**

2023-07-10 07:44 (Time Zone: -05:00)

**Report Last Signed By**

**User:**

JWILCZEK

**Name:**

Jessica Wilczek

**E-Mail:**

jwilczek@archsc.com

**Date/Time:**

2023-07-25 12:14 (Time Zone: -05:00)

# DMR Copy of Record

|                                                    |                           |                     |                                        |                                                                                  |                                                                                       |
|----------------------------------------------------|---------------------------|---------------------|----------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Permit #:                                          | CO0038776                 | Permittee:          | Mountain Coal Co LLC                   | Facility:                                                                        | WEST ELK MINE                                                                         |
| Major:                                             | No                        | Permittee Address:  | 5174 Hwy 133<br>Somerset, CO 81434     | Facility Location:                                                               | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434                                       |
| Permitted Feature:                                 | 009<br>External Outfall   | Discharge:          | 009-Q<br>Quarterly Monitoring for 009A |                                                                                  |                                                                                       |
| Report Dates & Status                              |                           | DMR Due Date:       | 07/28/23                               | Status:                                                                          | NetDMR Validated                                                                      |
| Monitoring Period:                                 | From 04/01/23 to 06/30/23 |                     |                                        |                                                                                  |                                                                                       |
| Considerations for Form Completion                 |                           |                     |                                        |                                                                                  |                                                                                       |
| Quarterly monitoring - see Appendix B, #35, pg 64. |                           |                     |                                        |                                                                                  |                                                                                       |
| Principal Executive Officer                        |                           |                     |                                        |                                                                                  |                                                                                       |
| First Name:                                        |                           | Title:              |                                        | Telephone:                                                                       |                                                                                       |
| Last Name:                                         |                           |                     |                                        |                                                                                  |                                                                                       |
| No Data Indicator (NODI)                           |                           |                     |                                        |                                                                                  |                                                                                       |
| Form NODI:                                         |                           |                     |                                        |                                                                                  |                                                                                       |
| Code                                               | Parameter                 | Monitoring Location | Season & Param. NODI                   | Quantity of Loading<br>Qualifier 1 Value 1 Qualifier 2 Value 3 Units Qualifier 3 | Quality of Concentration<br>Qualifier 1 Value 1 Qualifier 2 Value 3 Units Qualifier 3 |
| 70295                                              | Solids, total dissolved   | 1 - Effluent Gross  | 0                                      | Req Mon QRTFR AVG<br>C - No Discharge                                            | Req Mon DAILY MX<br>C - No Discharge                                                  |
|                                                    |                           |                     |                                        | 19 - mg/L                                                                        | 01/30 - Quarterly                                                                     |
|                                                    |                           |                     |                                        |                                                                                  | 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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

NPOULOS1031

Nicole Poulos

npoulos@archsc.com

2023-07-10 07:43 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archsc.com

2023-07-25 12:14 (Time Zone: -06:00)

# DMR Copy of Record

|                    |                         |                    |                                       |                    |                                                 |
|--------------------|-------------------------|--------------------|---------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776               | 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: | 007<br>Internal Outfall | Discharge:         | 007-A<br>Domestic WWTP Polishing Pond |                    |                                                 |

|                       |                           |        |            |                  |
|-----------------------|---------------------------|--------|------------|------------------|
| Report Dates & Status | Monitoring Location       | Season | Param. NDI | Status:          |
| Monitoring Period:    | From 06/01/23 to 06/30/23 |        |            | NetDMR Validated |

Considerations for Form Completion  
30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

Principal Executive Officer

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

No Data Indicator (NDI)

| Form NDI:      |                                          |                     |   |        |            |                     |         |               |         |                          |             |         |               |          |                       |                      |
|----------------|------------------------------------------|---------------------|---|--------|------------|---------------------|---------|---------------|---------|--------------------------|-------------|---------|---------------|----------|-----------------------|----------------------|
| Parameter Name |                                          | Monitoring Location |   | Season | Param. NDI | 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 | Qualifier 4   | Value 4  | Units                 |                      |
| 00310          | BOD, 5-day, 20 deg. C                    | 1 - Effluent Gross  | 0 |        |            | Sample              | =       | 0.281294      | =       | 0.281294                 | 26 - lbd    | <       | 4.0           | <        | 19 - mg/L             | GR - GRAB            |
|                |                                          |                     |   |        |            | Permit Req.         | <=      | 5.0 30DA AVG  |         | Req Mon DAILY MK         | 26 - lbd    | <=      | 30.0 30DA AVG |          | 19 - mg/L             | GR - GRAB            |
|                |                                          |                     |   |        |            | Value NDI           |         |               |         |                          |             |         |               |          | 0                     |                      |
| 00530          | Solids, total suspended                  | 1 - Effluent Gross  | 0 |        |            | Sample              | =       | 0.23030031    | =       | 0.49226418               | 26 - lbd    | =       | 3.275         | =        | 7.0                   | GR - GRAB            |
|                |                                          |                     |   |        |            | Permit Req.         | <=      | 12.0 30DA AVG |         | Req Mon DAILY MK         | 26 - lbd    | <=      | 75.0 30DA AVG |          | 110.0 MX 7D AV        | GR - GRAB            |
|                |                                          |                     |   |        |            | Value NDI           |         |               |         |                          |             |         |               |          | 0                     |                      |
| 00510          | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross  | 0 |        |            | Sample              | =       | 0.08432       | =       | 0.01752                  | 19 - mg/L   | =       | 1.8           | =        | 19 - mg/L             | GR - GRAB            |
|                |                                          |                     |   |        |            | Permit Req.         | <=      | 0.02 30DA AVG |         | Req Mon DAILY MK         | 19 - mg/L   | <=      | 85.0 30DA AVG |          | 85.0 DAILY MX         | GR - GRAB            |
|                |                                          |                     |   |        |            | Value NDI           |         |               |         |                          |             |         |               |          | 0                     |                      |
| 50050          | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0 |        |            | Sample              | =       | 0.08432       | =       | 0.01752                  | 03 - MGD    | =       | 0.01752       | =        | 0                     | RC - Recorder (auto) |
|                |                                          |                     |   |        |            | Permit Req.         | <=      | 0.02 30DA AVG |         | Req Mon DAILY MK         | 03 - MGD    | <=      | 0.02 30DA AVG |          | 99/69 - Continuous    | RC - Recorder (auto) |
|                |                                          |                     |   |        |            | Value NDI           |         |               |         |                          |             |         |               |          | 0                     |                      |

DMR Copy of Record

Permit  
Permit #: CO0038776  
Major: No

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

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

Permitted Feature:  
012  
External Outfall

Discharge:  
012-W  
Acute WET Testing for 012A

Report Dates & Status  
Monitoring Period:  
From 04/01/23 to 06/30/23

DMR Due Date:  
07/28/23

Status:  
NetDMR Validated

Considerations for Form Completion  
SEE ID 1, PP 32 PG 32-34 FOR DETAILS OS PROCEDURE, REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR

Principal Executive Officer  
First Name:  
Last Name:  
Title:

Telephone:

No Data Indicator (NODI)  
Form NODI:  
-

| Code  | Parameter Name                                     | Monitoring Location | Season # | Param. NODI | Quantity or Loading           |                     |                                 | Quality or Concentration |                   | # of Etc. Frequency of Analysis | Sample Type |
|-------|----------------------------------------------------|---------------------|----------|-------------|-------------------------------|---------------------|---------------------------------|--------------------------|-------------------|---------------------------------|-------------|
|       |                                                    |                     |          |             | Qualifier 1 Value 1           | Qualifier 2 Value 2 | Qualifier 3 Value 3             | Value 1                  | Value 2           |                                 |             |
| TAM3C | LC50 Static Renewal 48HR Acute Daphnia magna       | 1 - Effluent Gross  | 0        | -           | Sample Permit Req. Value 1000 | >=                  | 100.0 MN VALUE C - No Discharge | 23 - %                   | 01/60 - Quarterly | G3 - GRAB-3                     |             |
| TAN6C | LC50 Static Renewal 96HR Acute Pimephales promelas | 1 - Effluent Gross  | 0        | -           | Sample Permit Req. Value 1000 | >=                  | 100.0 MN VALUE C - No Discharge | 23 - %                   | 01/60 - Quarterly | G3 - GRAB-3                     |             |

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: NPOULOS1031  
Nicole Poulos  
E-Mail: npoulos@archrsc.com  
Date/Time: 2023-07-10 07:45 (Time Zone: -06:00)

Report Last Signed By

User:  
Name: JWILCZEK  
Jessica Wilczek  
E-Mail: jwilczek@archrsc.com  
Date/Time: 2023-07-25 12:14 (Time Zone: -06:00)

## DMR Copy of Record

|                                                                                                                                                                                                                                                                                                   |                                            |                            |                                                            |                              |                                                                  |                    |                              |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------|------------------------------------------------------------|------------------------------|------------------------------------------------------------------|--------------------|------------------------------|--------------------------------|
| <b>Permit</b>                                                                                                                                                                                                                                                                                     |                                            | <b>Permittee:</b>          |                                                            | <b>Facility:</b>             |                                                                  |                    |                              |                                |
| <b>Permit #:</b>                                                                                                                                                                                                                                                                                  | CO0038776                                  | <b>Permittee Address:</b>  | Mountain Coal Co LLC<br>5174 Hwy 133<br>Somerset, CO 81434 | <b>Facility Location:</b>    | WEST ELK MINE<br>HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |                    |                              |                                |
| <b>Major:</b>                                                                                                                                                                                                                                                                                     | No                                         | <b>Discharge:</b>          | 014-Q<br>Quarterly Monitoring for 014A                     |                              |                                                                  |                    |                              |                                |
| <b>Permitted Feature:</b>                                                                                                                                                                                                                                                                         |                                            |                            |                                                            |                              |                                                                  |                    |                              |                                |
| 014<br>External Outfall                                                                                                                                                                                                                                                                           |                                            |                            |                                                            |                              |                                                                  |                    |                              |                                |
| <b>Report Dates &amp; Status</b>                                                                                                                                                                                                                                                                  |                                            | <b>DMR Due Date:</b>       |                                                            | <b>Status:</b>               |                                                                  |                    |                              |                                |
| <b>Monitoring Period:</b>                                                                                                                                                                                                                                                                         |                                            | From 04/01/23 to 06/30/23  |                                                            | 07/28/23<br>NetDMR Validated |                                                                  |                    |                              |                                |
| <b>Considerations for Form Completion</b>                                                                                                                                                                                                                                                         |                                            |                            |                                                            |                              |                                                                  |                    |                              |                                |
| TSS AND TOTAL RECOVERABLE LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR 24HR PRECIP EVENTS. SEE PG. 14 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a. REPORT CALCULATED SAR AT MLOC=EG. ADJUSTED SAR AT MLOC=P. |                                            |                            |                                                            |                              |                                                                  |                    |                              |                                |
| <b>Principal Executive Officer</b>                                                                                                                                                                                                                                                                |                                            |                            |                                                            |                              |                                                                  |                    |                              |                                |
| <b>First Name:</b>                                                                                                                                                                                                                                                                                |                                            |                            |                                                            |                              |                                                                  |                    |                              |                                |
| <b>Last Name:</b>                                                                                                                                                                                                                                                                                 |                                            |                            |                                                            |                              |                                                                  |                    |                              |                                |
| <b>Title:</b>                                                                                                                                                                                                                                                                                     |                                            |                            |                                                            |                              |                                                                  |                    |                              |                                |
| <b>No Data Indicator (NODI)</b>                                                                                                                                                                                                                                                                   |                                            |                            |                                                            |                              |                                                                  |                    |                              |                                |
| <b>Form NODI:</b>                                                                                                                                                                                                                                                                                 |                                            |                            |                                                            |                              |                                                                  |                    |                              |                                |
| <b>Code</b>                                                                                                                                                                                                                                                                                       | <b>Parameter Name</b>                      | <b>Monitoring Location</b> | <b>Season &amp; Param. NODI</b>                            | <b>Quantity or Loading</b>   | <b>Quality or Concentration</b>                                  | <b># of Ex.</b>    | <b>Frequency of Analysis</b> | <b>Sample Type</b>             |
|                                                                                                                                                                                                                                                                                                   |                                            |                            |                                                            | <b>Qualifier 1</b>           | <b>Qualifier 2</b>                                               | <b>Qualifier 3</b> | <b>Units</b>                 |                                |
| 00940                                                                                                                                                                                                                                                                                             | Chloride [as Cl]                           | 1-Effluent Gross           | 0                                                          |                              | Req Mon 30DA AVG<br>C - No Discharge                             |                    | 19 - mg/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 00978                                                                                                                                                                                                                                                                                             | Arsenic, total recoverable                 | 1-Effluent Gross           | 0                                                          |                              | Req Mon 30DA AVG<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 01056                                                                                                                                                                                                                                                                                             | Manganese, dissolved [as Mn]               | 1-Effluent Gross           | 0                                                          |                              | Req Mon 30DA AVG<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 01074                                                                                                                                                                                                                                                                                             | Nickel, total recoverable                  | 1-Effluent Gross           | 0                                                          |                              | Req Mon 30DA AVG<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 01114                                                                                                                                                                                                                                                                                             | Lead, total recoverable                    | 1-Effluent Gross           | 0                                                          |                              | Req Mon DAILY MX<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 01116                                                                                                                                                                                                                                                                                             | Chromium, total recoverable                | 1-Effluent Gross           | 0                                                          |                              | Req Mon DAILY MX<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 01303                                                                                                                                                                                                                                                                                             | Zinc, potentially dissolved                | 1-Effluent Gross           | 0                                                          |                              | Req Mon DAILY MX<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 01306                                                                                                                                                                                                                                                                                             | Copper, potentially dissolved              | 1-Effluent Gross           | 0                                                          |                              | Req Mon DAILY MX<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 01314                                                                                                                                                                                                                                                                                             | Chromium, trivalent, potentially dissolved | 1-Effluent Gross           | 0                                                          |                              | Req Mon 30DA AVG<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 01316                                                                                                                                                                                                                                                                                             | Lead, potentially dissolved                | 1-Effluent Gross           | 0                                                          |                              | Req Mon DAILY MX<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 01319                                                                                                                                                                                                                                                                                             | Manganese, potentially dissolved           | 1-Effluent Gross           | 0                                                          |                              | Req Mon DAILY MX<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 01322                                                                                                                                                                                                                                                                                             | Nickel, potentially dissolved              | 1-Effluent Gross           | 0                                                          |                              | Req Mon DAILY MX<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |
| 01323                                                                                                                                                                                                                                                                                             | Selenium, potentially dissolved            | 1-Effluent Gross           | 0                                                          |                              | Req Mon DAILY MX<br>C - No Discharge                             |                    | 28 - ug/L                    | 01/90 - Quarterly<br>GR - GRAB |



## DMR Copy of Record

|                                           |                           |                           |                                                                         |                           |                                                 |
|-------------------------------------------|---------------------------|---------------------------|-------------------------------------------------------------------------|---------------------------|-------------------------------------------------|
| <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>                 | 032<br>External Outfall   | <b>Discharge:</b>         | 032-A<br>Stormwater from Drainage Basins 43A and 43F to Sylvester Gulch | <b>Status:</b>            | NetDMR Validated                                |
| <b>Report Dates &amp; Status</b>          |                           |                           |                                                                         |                           |                                                 |
| <b>Monitoring Period:</b>                 | From 06/01/23 to 06/30/23 | <b>DMR Due Date:</b>      | 07/28/23                                                                |                           |                                                 |
| <b>Considerations for Form Completion</b> |                           |                           |                                                                         |                           |                                                 |

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

| Form NODI: |                                          | Monitoring Location Season # Param. NODI |             | Quantity or Loading                  |             | Quality or Concentration |             | Frequency of Analysis                |                 |
|------------|------------------------------------------|------------------------------------------|-------------|--------------------------------------|-------------|--------------------------|-------------|--------------------------------------|-----------------|
| Code       | Parameter Name                           | Sample Permit Req. Value NODI            | Qualifier 1 | Value 1                              | Qualifier 2 | Value 2                  | Qualifier 3 | Value 3                              | Units           |
| 00400      | pH                                       | 1 - Effluent Gross 0                     | 0           | Req Mon MINIMUM<br>C - No Discharge  |             |                          |             | Req Mon MAXIMUM<br>C - No Discharge  | 12 - SU         |
| 00530      | Solids, total suspended                  | 1 - Effluent Gross 0                     | 0           | Req Mon 30DA AVG<br>C - No Discharge |             |                          |             | Req Mon DAILY MX<br>C - No Discharge | 01/30 - Monthly |
| 00545      | Solids, settleable                       | 1 - Effluent Gross 0                     | 0           | Req Mon 30DA AVG<br>C - No Discharge |             |                          |             | Req Mon DAILY MX<br>C - No Discharge | 01/30 - Monthly |
| 00980      | Iron, total recoverable                  | 1 - Effluent Gross 0                     | 0           | Req Mon 30DA AVG<br>C - No Discharge |             |                          |             | Req Mon DAILY MX<br>C - No Discharge | 01/30 - Monthly |
| 50050      | Flow, in conduit or thru treatment plant | 1 - Effluent Gross 0                     | 0           | Req Mon 30DA AVG<br>C - No Discharge |             |                          |             | Req Mon DAILY MX<br>C - No Discharge | 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:

Name:

E-Mail:

Date/Time:

### Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

NPOULOS1031

Nicole Poulos

npoulos@archtrsc.com

2023-07-13 09:53 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archtrsc.com

2023-07-25 12:14 (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>                                                                                                                                                                              | Ng                                                  | <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>                                                                                                                                                                  | 009<br>External Outfall                             | <b>Discharge:</b> 009-W<br>Acute WET Testing for 009A       |                                                                           |
| <b>Report Dates &amp; Status</b>                                                                                                                                                           | <b>Monitoring Period:</b> From 04/01/23 to 06/30/23 | <b>DMR Due Date:</b> 07/28/23                               | <b>Status:</b> NetDMR Validated                                           |
| <b>Considerations for Form Completion</b>                                                                                                                                                  |                                                     |                                                             |                                                                           |
| SEE I.D.1, PP. 32-35, FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR. |                                                     |                                                             |                                                                           |
| <b>Principal Executive Officer</b>                                                                                                                                                         |                                                     |                                                             |                                                                           |
| <b>First Name:</b>                                                                                                                                                                         | <b>Title:</b>                                       |                                                             |                                                                           |
| <b>Last Name:</b>                                                                                                                                                                          | <b>Telephone:</b>                                   |                                                             |                                                                           |
| <b>No Data Indicator (NODI)</b>                                                                                                                                                            |                                                     |                                                             |                                                                           |

| Code  | Parameter Name                                      | Monitoring Location | Session # | Param. NODI | Quantity or Loading |                  | Quality or Concentration |         | g of Ex. Frequency of Analysis |         | Sample Type |
|-------|-----------------------------------------------------|---------------------|-----------|-------------|---------------------|------------------|--------------------------|---------|--------------------------------|---------|-------------|
|       |                                                     |                     |           |             | Qualifier 1         | Value 1          | Qualifier 2              | Value 2 | Qualifier 3                    | Value 3 |             |
| TAM3C | LC50 Static Renewal 48Hr Acute Daphnia magna        | 1 - Effluent Gross  | 0         | --          |                     | 100.0 MN VALUE   |                          |         | 23 - %                         |         | GR - GRAB   |
|       |                                                     |                     |           |             |                     | C - No Discharge |                          |         |                                |         |             |
| TAN3C | LC50 Static Renewal 96Hr Acute Pinephaleis promelas | 1 - Effluent Gross  | 0         | --          |                     | 100.0 MN VALUE   |                          |         | 23 - %                         |         | GR - GRAB   |
|       |                                                     |                     |           |             |                     | 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.

No Discharge

Attachments

No attachments

## Report Last Saved By

Mountain Coal Co LLC

User:

NPOULOS/031

Name:

Nicolas Poulos

E-Mail:

npoulos@archrsc.com

Date/Time:

2023-07-10 07:43 (Time Zone: -06:00)

## Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2023-07-25 12:14 (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                                                  | 5174 Hwy 133<br>Somerset, CO 81434                    | <b>Facility Location:</b> HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Permitted Feature:</b>        | 005<br>External Outfall                             | <b>Discharge:</b> 005-W<br>Acute WET Testing for 005A |                                                                           |
| <b>Report Dates &amp; Status</b> | <b>Monitoring Period:</b> From 04/01/23 to 06/30/23 | <b>DWR Due Date:</b> 07/28/23                         | <b>Status:</b> NetDMR Validated                                           |

*Considerations for Form Completion*  
SEE ID.1, PP. 32-35, FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS. AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

**Principal/Executive Officer**

**Last Name:** \_\_\_\_\_ **Title:** \_\_\_\_\_

**No Data Indicator (NODI)**

| Form NODI: | Parameter Name                                     | Monitoring Location | Season | Param. NODI | Sample Permit Req. Value NODI | Quantity or Loading<br>Qualifier 1 Value 1 Qualifier 2 Value 2 Value 3 | Units | Qualifier 1                        | Qualifier 2 | Qualifier 3 | Value 1 | Value 2 | Value 3 | Units  | # of Ex. Frequency of Analysis | Sample Type |
|------------|----------------------------------------------------|---------------------|--------|-------------|-------------------------------|------------------------------------------------------------------------|-------|------------------------------------|-------------|-------------|---------|---------|---------|--------|--------------------------------|-------------|
| TAM3C      | LC50 Static Renewal 48Hr Acute Daphnia magna       | 1 - Effluent Gross  | 0      | --          |                               |                                                                        |       | 100.0 MN VALUE<br>C - No Discharge |             |             |         |         |         | 23 - % | 01/90 - Quarterly              | GR - GRAB   |
| TAM6C      | LC50 Static Renewal 96Hr Acute Pimephales promelas | 1 - Effluent Gross  | 0      | --          |                               |                                                                        |       | 100.0 MN VALUE<br>C - No Discharge |             |             |         |         |         | 23 - % | 01/90 - Quarterly              | 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:** NPOULOS1031

**Name:** Nicole Poulos

**E-Mail:** npoulos@archrsc.com

**Date/Time:** 2023-07-13 08:38 (Time Zone: -06:00)

**Report Last Signed By**

**User:** JWILCZEK

**Name:** Jessica Wilczek

**E-Mail:** jwilczek@archrsc.com

**Date/Time:** 2023-07-25 12:14 (Time Zone: -06:00)

DMR Copy of Record

|                                    |                           |                    |                                                                 |                    |                                                 |
|------------------------------------|---------------------------|--------------------|-----------------------------------------------------------------|--------------------|-------------------------------------------------|
| 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:                 | 027 -<br>External Outfall | Discharge:         | 027-A<br>Stormwater from Drainage Basin 49A2 to Sylvester Gulch | Status:            | NetDMR Validated                                |
| Report Dates & Status              |                           | DMR Due Date:      | 07/28/23                                                        |                    |                                                 |
| Monitoring Period:                 | From 06/01/23 to 06/30/23 |                    |                                                                 |                    |                                                 |
| Considerations for Form Completion |                           |                    |                                                                 |                    |                                                 |

|                             |            |
|-----------------------------|------------|
| Principal Executive Officer | Telephone: |
| First Name:                 |            |
| Last Name:                  |            |
| No Data Indicator (NODI)    |            |

| Form NODI:     |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|----------------|------------------------------------------|---------------------|--------|-------------|-------------------------------|------------------|-------------|--------------------------|-------|------------------|--------------------------------|-------------|---------|-------------|
| Parameter Name |                                          | Monitoring Location | Season | Param. NODI | Quantity or Loading           |                  |             | Quality or Concentration |       |                  | # of Ex. Frequency of Analysis |             |         | Sample Type |
| Code           |                                          |                     |        |             | Qualifier 1                   | Value 1          | Qualifier 2 | Value 2                  | Units | Qualifier 1      | Value 1                        | Qualifier 2 | Value 2 | Units       |
| 00400          | pH                                       |                     |        |             | Sample Permit Req. Value NODI |                  |             |                          |       | 8.46             |                                |             |         |             |
|                |                                          | 1 - Effluent        | Gross  | 0           |                               |                  |             |                          |       | Req Mon MINIMUM  |                                |             |         |             |
| 00530          | Solids, total suspended                  |                     |        |             | Sample Permit Req. Value NODI |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          | 1 - Effluent        | Gross  | 0           |                               |                  |             |                          |       | 1.2              |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       | Req Mon DAILY MX | 19 - mg/L                      |             |         |             |
| 00545          | Solids, settleable                       |                     |        |             | Sample Permit Req. Value NODI |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          | 1 - Effluent        | Gross  | 0           |                               |                  |             |                          |       | 0.1              |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       | Req Mon DAILY MX | 25 - m/L                       |             |         |             |
| 00980          | Iron, total recoverable                  |                     |        |             | Sample Permit Req. Value NODI |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          | 1 - Effluent        | Gross  | 0           |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       | 99.0             |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       | Req Mon DAILY MX | 28 - ug/L                      |             |         |             |
| 50050          | Flow, in conduit or thru treatment plant |                     |        |             | Sample Permit Req. Value NODI |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          | 1 - Effluent        | Gross  | 0           |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               | 0.001728         |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               | 0.48 30DA AVG    |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               | 0.001728         |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               | Req Mon DAILY MX | 03 - MGD    |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
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|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
|                |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |
| </             |                                          |                     |        |             |                               |                  |             |                          |       |                  |                                |             |         |             |

|                                                                                                                                                                                                                            |                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 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                                                                                                                                                                                                                   |                                      |
| Chromium Trivalent total Recoverable is not a monthly sample analyte.                                                                                                                                                      |                                      |
| Attachments                                                                                                                                                                                                                |                                      |
| No attachments                                                                                                                                                                                                             |                                      |
| Report Last Saved By                                                                                                                                                                                                       |                                      |
| Mountain Coal Co LLC                                                                                                                                                                                                       |                                      |
| User:                                                                                                                                                                                                                      | NPOULOS1031                          |
| Name:                                                                                                                                                                                                                      | Nicole Poulos                        |
| E-Mail:                                                                                                                                                                                                                    | npoulos@archnsc.com                  |
| Date/Time:                                                                                                                                                                                                                 | 2023-07-24 11:16 (Time Zone: -06:00) |
| Report Last Signed By                                                                                                                                                                                                      |                                      |
| User:                                                                                                                                                                                                                      | JWILCZEK                             |
| Name:                                                                                                                                                                                                                      | Jessica Wilczek                      |
| E-Mail:                                                                                                                                                                                                                    | jwilczek@archnsc.com                 |
| Date/Time:                                                                                                                                                                                                                 | 2023-07-25 12:14 (Time Zone: -06:00) |

DMR Copy of Record

Permit  
Permit #: CO0038776  
Major: No

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

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

Permitted Feature:  
025  
External Outfall

Discharge:  
025-A  
Stormwater from Drainage Basin 49A5 to Sylvester Gulch

Report Dates & Status  
Monitoring Period: From 06/01/23 to 06/30/23

DMR Due Date:  
07/28/23

Status:  
NetDMR Validated

Principal Executive Officer  
First Name:  
Last Name:  
No Data Indicator (NODI)

Title:

| Code  | Parameter Name                           | Monitoring Location | Season | # Param. NODI | Quantity or Loading                 |         |             | Quality or Concentration |       |                                      | # of Ex. Frequency of Analysis |       |             | Sample Type |
|-------|------------------------------------------|---------------------|--------|---------------|-------------------------------------|---------|-------------|--------------------------|-------|--------------------------------------|--------------------------------|-------|-------------|-------------|
|       |                                          |                     |        |               | Qualifier 1                         | Value 1 | Qualifier 2 | Value 2                  | Units | Qualifier 3                          | Value 3                        | Units | Qualifier 4 |             |
| 00400 | pH                                       | 1 - Effluent Gross  | 0      | --            | Sample<br>Permit Req.<br>Value NODI |         |             |                          |       | Req Mon MINIMUM<br>C - No Discharge  |                                |       | 12 - SU     | GR - GRAB   |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0      | --            | Sample<br>Permit Req.<br>Value NODI |         |             |                          |       | Req Mon 30DA AVG<br>C - No Discharge |                                |       | 19 - mg/L   | GR - GRAB   |
| 00545 | Solids, settleable                       | 1 - Effluent Gross  | 0      | --            | Sample<br>Permit Req.<br>Value NODI |         |             |                          |       | Req Mon 30DA AVG<br>C - No Discharge |                                |       | 25 - mL/L   | GR - GRAB   |
| 00980 | Iron, total recoverable                  | 1 - Effluent Gross  | 0      | --            | Sample<br>Permit Req.<br>Value NODI |         |             |                          |       | Req Mon 30DA AVG<br>C - No Discharge |                                |       | 28 - ug/L   | GR - GRAB   |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0      | --            | Sample<br>Permit Req.<br>Value NODI |         |             |                          |       | Req Mon DAILY MX<br>C - No Discharge |                                |       | 03 - MGD    | IN - INSTAN |

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By  
Mountain Coal Co LLC

User:  
NPOULOS031

Name:  
Nicole Poulos

E-Mail:  
npoulos@archrsc.com

Date/Time:  
2023-07-13 09:13 (Time Zone: -06:00)

Report Last Signed By

User:  
JWILCZEK

Name:  
Jessica Wilczek

E-Mail:  
jwilczek@archrsc.com

Date/Time:  
2023-07-25 12:14 (Time Zone: -06:00)

|                    |                  |                    |                                           |                                        |                                                                  |
|--------------------|------------------|--------------------|-------------------------------------------|----------------------------------------|------------------------------------------------------------------|
|                    | C00038776        | Permittee:         | Mountain Coal Co LLC                      | Facility:<br><b>Facility Location:</b> | WEST ELK MINE<br>HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
|                    | No               | Permittee Address: | 5174 Hwy 133<br>Sarasota, CO 81434        |                                        |                                                                  |
|                    | 009              | Discharge:         | 009-AA<br>Subsoil Stockpile Runoff (MB-5) |                                        |                                                                  |
| Permitted Feature: | External Outfall |                    |                                           |                                        |                                                                  |

| Permitted Feature: | 008 | Discharge:                                |
|--------------------|-----|-------------------------------------------|
| External Outfall   |     | 009-AA<br>Subsoil Stockpile Runoff (MB-5) |

|                                  |                      |                  |
|----------------------------------|----------------------|------------------|
| <b>Report Dates &amp; Status</b> | <b>DMR Due Date:</b> | <b>Status:</b>   |
| From 06/01/23 to 06/30/23        | 07/28/23             | NetDMR Validated |
| <b>Monitoring Period:</b>        |                      |                  |

outstanding receivables. Considerations for Form Completion

TSS and total recoverable iron limits will be waived, & settleable solids limit applied for 3-10% TPH, 24HR precip event is set at 6.0 for requirements less than 30 days and no exceedances during the entire stormwater season.

**Principal Executive Officer**

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

No Data Indicator (NODI)

| Form NODI:     |                              |                     |   |          |             |                               |         |                          |         |                                            |                                |         |                                    |                                |                                      |                           |
|----------------|------------------------------|---------------------|---|----------|-------------|-------------------------------|---------|--------------------------|---------|--------------------------------------------|--------------------------------|---------|------------------------------------|--------------------------------|--------------------------------------|---------------------------|
| Parameter Name |                              | Monitoring Location |   | Season # | Param. NODI | Quantity or Loading           |         | Quality or Concentration |         | 8 of E/L Frequency of Analysis Sample Type |                                |         |                                    |                                |                                      |                           |
| Code           |                              |                     |   |          |             | Qualifier 1                   | Value 1 | Qualifier 2              | Value 2 | Units                                      | Qualifier 1                    | Value 1 | Qualifier 2                        | Value 2                        | Units                                |                           |
| 00094          | Conductivity                 | 1-Effluent Gross    | 0 | -        |             | Sample Permit Req. Value NODI |         |                          |         |                                            |                                |         | Req Mon 30DA AVG C - No Discharge  | 7B - dS/m                      | 02/30 - Twice Per Month GR - GRAB    |                           |
| 00400          | pH                           | 1-Effluent Gross    | 0 | -        |             | Sample Permit Req. Value NODI |         |                          |         | >=                                         | 6.5 MINIMUM C - No Discharge   |         | <=                                 | 9.0 MAXIMUM 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 DAILY MX C - No Discharge  | 19 - mg/L                      | 02/30 - Twice Per Month GR - GRAB    |                           |
| 00530          | Solids, total suspended      | 1-Effluent Gross    | 0 | -        |             | Sample Permit Req. Value NODI |         |                          |         | <=                                         | 70.0 DAILY MX C - No Discharge |         | <=                                 | 70.0 DAILY MX C - No Discharge | 19 - mg/L                            | 01/30 - Monthly GR - GRAB |
| 00640          | Nitrogen, inorganic total    | 1-Effluent Gross    | 0 | -        |             | Sample Permit Req. Value NODI |         |                          |         |                                            |                                |         | 652.0 DAILY MX C - No Discharge    | 19 - mg/L                      | 02/30 - Twice Per Month GR - GRAB    |                           |
| 00918          | Calcium, total recoverable   | 1-Effluent Gross    | 0 | -        |             | Sample Permit Req. Value NODI |         |                          |         |                                            |                                |         | Req Mon DAILY MX 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 DAILY MX 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 DAILY MX 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 DAILY MX C - No Discharge  | 1U - Ratio                     | 02/30 - Twice Per Month CA - CALC TD |                           |
| 00931          | Sodium adsorption ratio      | P - See Comments    | 0 | -        |             | Sample Permit Req. Value NODI |         |                          |         |                                            |                                |         | Req Mon DAILY MX C - No Discharge  | 1U - Ratio                     | 02/30 - Twice Per Month CA - CALC TD |                           |
| 00940          | Chloride [as Cl]             | 1-Effluent Gross    | 0 | -        |             | Sample Permit Req. Value NODI |         |                          |         |                                            |                                |         | Req Mon 30DA A/VG 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 A/VG C - No Discharge | 28 - ug/L                      | 02/30 - Twice Per Month GR - GRAB    |                           |
| 00980          | Iron, total recoverable      | 1-Effluent Gross    | 0 | -        |             | Sample Permit Req. Value NODI |         |                          |         | <=                                         |                                |         | 3000.0 30DA AVG C - No Discharge   | 28 - ug/L                      | 01/30 - Monthly GR - GRAB            |                           |

|       |                                            |                    |   |   |                               |                                               |              |                                   |
|-------|--------------------------------------------|--------------------|---|---|-------------------------------|-----------------------------------------------|--------------|-----------------------------------|
| 01046 | Iron, dissolved [as Fe]                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | 3297.0 30DA AVG<br>C - No Discharge           | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 01056 | Manganese, dissolved [as Mn]               | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge          | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 01074 | Nickel, total recoverable                  | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge          | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 01114 | Lead, total recoverable                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon DAILY MX<br>C - No Discharge          | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 01118 | Chromium, total recoverable                | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge          | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon 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 Permit Req. 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 Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge          | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 01316 | Lead, potentially dissolved                | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon DAILY MX<br>C - No Discharge          | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 01319 | Manganese, potentially dissolved           | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon DAILY MX<br>C - No Discharge          | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 01322 | Nickel, potentially dissolved              | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon DAILY MX<br>C - No Discharge          | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 01323 | Selenium, potentially dissolved            | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge          | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 03582 | Oil and grease                             | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | 10.0 INST MAX<br>C - No Discharge             | 19 - mg/L    | 7/1/77 - Contingent GR - GRAB     |
| 04262 | Chromium, trivalent total recoverable      | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon DAILY MX<br>C - No Discharge          | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 90050 | Flow, in conduit or thru treatment plant   | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon DAILY MX 03 - MGD<br>C - No Discharge |              | 01/30 - Monthly IN - INSTAN       |
| 90060 | Chlorine, total residual                   | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | 0.5 INST MAX<br>C - No Discharge              | 19 - mg/L    | 01/30 - Monthly GR - GRAB         |
| 90286 | Mercury, total [low level]                 | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge          | 28 - ug/L    | 02/30 - Twice Per Month GR - GRAB |
| 91040 | E. coli                                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | 2000.0 30DA GM<br>C - No Discharge            | 13 - #/100ml | 02/30 - Twice Per Month GR - GRAB |
| 91202 | Sulfide-hydrogen sulfide [undissociated]   | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge          | 19 - mg/L    | 02/30 - Twice Per Month GR - GRAB |
| 91020 | Sulfate                                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | Req Mon 30DA AVG<br>C - No Discharge          | 19 - mg/L    | 02/30 - Twice Per Month GR - GRAB |



# DMR Copy of Record

Permit

Permit #:

Major:

Permitted Feature:

Report Dates & Status

Monitoring Period:

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 LC.1.a REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Permittee:

Permittee Address:

Discharge:

DMR Due Date:

07/28/23

Status:

NetDMR Validated

Facility:

Facility Location:

Mountain Coal Co LLC

5174 Hwy 133

Somerset, CO 81434

005-AA

Coal Conveyor Runoff (MB-3)

WEST ELK MINE

HWY 133, E OF TOWN

GUNNISON COUNTY, CO 81434

Title:

Telephone:

| Code  | Parameter Name               | Monitoring Location | Season & Param. NODI | Sample Permit Req. Value NODI | Qualifier 1 | Value 1 | Quantity or Loading Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units                                        | # of E.L. Frequency of Analysis Sample Type |
|-------|------------------------------|---------------------|----------------------|-------------------------------|-------------|---------|---------------------------------|---------|-------|-------------|---------|-------------|---------|-------------|---------|----------------------------------------------|---------------------------------------------|
| 00084 | Conductivity                 | 1 - Effluent Gross  | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | 7B - dS/m                                    | 0230 - Twice Per Month GR - GRAB            |
| 00400 | pH                           | 1 - Effluent Gross  | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | 12 - SU                                      | 0130 - Monthly GR - GRAB                    |
| 00440 | Bicarbonate Ion- [as HCO3]   | 1 - Effluent Gross  | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | Req Mon DAILY MX 19 - mg/L C - No Discharge  | 0230 - Twice Per Month GR - GRAB            |
| 00530 | Solids, total suspended      | 1 - Effluent Gross  | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | 70.0 DAILY MX 19 - mg/L C - No Discharge     | 0130 - Monthly GR - GRAB                    |
| 00918 | Calcium, total recoverable   | 1 - Effluent Gross  | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | Req Mon DAILY MX 19 - mg/L C - No Discharge  | 0230 - Twice Per Month GR - GRAB            |
| 00921 | Magnesium, total recoverable | 1 - Effluent Gross  | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | Req Mon DAILY MX 19 - mg/L C - No Discharge  | 0230 - Twice Per Month GR - GRAB            |
| 00923 | Sodium, total recoverable    | 1 - Effluent Gross  | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | Req Mon DAILY MX 19 - mg/L C - No Discharge  | 0230 - Twice Per Month GR - GRAB            |
| 00931 | Sodium adsorption ratio      | EG - Effluent Gross | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | Req Mon DAILY MX 1U - Ratio C - No Discharge | 0230 - Twice Per Month CA - CALCTD          |
| 00931 | Sodium adsorption ratio      | P - See Comments    | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | Req Mon DAILY MX 1U - Ratio C - No Discharge | 0230 - Twice Per Month CA - CALCTD          |
| 00940 | Chloride [as Cl]             | 1 - Effluent Gross  | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | 19 - mg/L                                    | 0230 - Twice Per Month GR - GRAB            |
| 00978 | Arsenic, total recoverable   | 1 - Effluent Gross  | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | 28 - ug/L                                    | 0230 - Twice Per Month GR - GRAB            |
| 00980 | Iron, total recoverable      | 1 - Effluent Gross  | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | 7000.0 DAILY MX 28 - ug/L C - No Discharge   | 0130 - Monthly GR - GRAB                    |
| 01046 | Iron, dissolved [as Fe]      | 1 - Effluent Gross  | 0 -                  | Sample Permit Req. Value NODI |             |         |                                 |         |       |             |         |             |         |             |         | 3297.0 30DA AVG                              | 0230 - Twice Per Month GR - GRAB            |

|       |                                            |                    |     | Value NODI |             | C - No Discharge |                                   |
|-------|--------------------------------------------|--------------------|-----|------------|-------------|------------------|-----------------------------------|
| ID    | Description                                | 1 - Effluent Gross | 0 - | Sample     | Permit Req. | Req Mon 30DA AVG | 28 - ug/L                         |
|       |                                            |                    |     | Value NODI | Value NODI  |                  |                                   |
| 01056 | Manganese, dissolved [as Mn]               | 0                  | 0   | Sample     | Permit Req. | Req Mon 30DA AVG | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 01074 | Nickel, total recoverable                  | 0                  | 0   | Sample     | Permit Req. | Req Mon 30DA AVG | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 01114 | Lead, total recoverable                    | 0                  | 0   | Sample     | Permit Req. | Req Mon DAILY MX | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 01118 | Chromium, total recoverable                | 0                  | 0   | Sample     | Permit Req. | Req Mon 30DA AVG | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 01303 | Zinc, potentially dissolved                | 0                  | 0   | Sample     | Permit Req. | Req Mon DAILY MX | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 01306 | Copper, potentially dissolved              | 0                  | 0   | Sample     | Permit Req. | Req Mon 30DA AVG | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 01314 | Chromium, trivalent, potentially dissolved | 0                  | 0   | Sample     | Permit Req. | Req Mon 30DA AVG | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 01318 | Lead, potentially dissolved                | 0                  | 0   | Sample     | Permit Req. | Req Mon DAILY MX | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 01319 | Manganese, potentially dissolved           | 0                  | 0   | Sample     | Permit Req. | Req Mon 30DA AVG | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 01322 | Nickel, potentially dissolved              | 0                  | 0   | Sample     | Permit Req. | Req Mon DAILY MX | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 01323 | Selenium, potentially dissolved            | 0                  | 0   | Sample     | Permit Req. | Req Mon 30DA AVG | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 03582 | Oil and grease                             | 0                  | 0   | Sample     | Permit Req. | 10.0 INST MAX    | 71777 - Contingent GR - GRAB      |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 04262 | Chromium, trivalent total recoverable      | 0                  | 0   | Sample     | Permit Req. | Req Mon DAILY MX | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 50050 | Flow, in conduit or thru treatment plant   | 0                  | 0   | Sample     | Permit Req. | Req Mon DAILY MX | 01230 - Monthly IN - INSTAN       |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 50286 | Mercury, total [low level]                 | 0                  | 0   | Sample     | Permit Req. | Req Mon 30DA AVG | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 51202 | Sulfide-hydrogen sulfide [undissociated]   | 0                  | 0   | Sample     | Permit Req. | Req Mon 30DA AVG | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 81020 | Sulfate                                    | 0                  | 0   | Sample     | Permit Req. | Req Mon 30DA AVG | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 82057 | Boron, total                               | 0                  | 0   | Sample     | Permit Req. | Req Mon 30DA AVG | 02300 - Twice Per Month GR - GRAB |
|       |                                            |                    |     | Value NODI | Value NODI  | C - No Discharge |                                   |
| 84096 | Oil and grease visual                      | 0                  | 0   | Sample     | Permit Req. | Req Mon INST MAX | 01230 - Monthly VI - VISUAL       |
|       |                                            |                    |     | Value NODI | 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:

NPOULOS1031

Name:

Nicole Poulos

E-Mail:

npoulos@archrsc.com

Date/Time:

2023-07-10 07:42 (Time Zone: -06:00)

**Report Last Signed By**

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2023-07-25 12:14 (Time Zone: -06:00)

# DMR Copy of Record

|                    |                         |                    |                                         |                    |                                                 |
|--------------------|-------------------------|--------------------|-----------------------------------------|--------------------|-------------------------------------------------|
| Permit #:          | CO0038776               | 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: | 012<br>External Outfall | Discharge:         | 012-AA<br>Mine Water to Minnesota Creek |                    |                                                 |

|                       |                           |               |                  |
|-----------------------|---------------------------|---------------|------------------|
| Report Dates & Status | Monitoring Period:        | DMR Due Date: | Status:          |
|                       | From 06/01/23 to 06/30/23 | 07/28/23      | 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 | Title: |
| First Name:                 |        |
| Last Name:                  |        |
| No Data Indicator (NODI)    |        |
| Form NODI:                  |        |

| Code  | Parameter Name                     | Monitoring Location     | Season # | Param. NODI | Sample Permit Req.            | Value 1 | Qualifier 1 | Quantity or Loading | Units | Value 1 | Qualifier 1 | Value 2 | Qualifier 2 | Quality or Concentration | Value 2 | Qualifier 2 | Value 3          | Qualifier 3 | Units      | # of Frequency of Analysis Etc. | Sample Type           |
|-------|------------------------------------|-------------------------|----------|-------------|-------------------------------|---------|-------------|---------------------|-------|---------|-------------|---------|-------------|--------------------------|---------|-------------|------------------|-------------|------------|---------------------------------|-----------------------|
| 00010 | Temperature, water deg. centigrade | Z - Instream Monitoring | 0        | -           | Sample Permit Req. Value NODI |         |             |                     |       |         |             |         |             | Req Mon MX WK AV         |         |             | Req Mon DAILY MX |             | D4 - deg C | 99999 - Continuous              | RC - Recorder (photo) |
| 00400 | pH                                 | 1 - Effluent Gross      | 0        | -           | Sample Permit Req. Value NODI |         |             |                     |       |         |             |         |             | 6.5 MINIMUM              |         |             | 9.0 MAXIMUM      |             | 12 - SU    | 01/07 - Weekly                  | GR - GRAB             |
| 00530 | Solids, total suspended            | 1 - Effluent Gross      | 0        | -           | Sample Permit Req. Value NODI |         |             |                     |       |         |             |         |             | 35.0 30DA AVG            |         |             | 70.0 DAILY MX    |             | 19 - mg/L  | 01/30 - Monthly                 | GR - GRAB             |
| 00540 | Chloride [as Cl]                   | 1 - Effluent Gross      | 0        | -           | Sample Permit Req. Value NODI |         |             |                     |       |         |             |         |             | Req Mon 30DA AVG         |         |             |                  |             | 19 - mg/L  | 02/30 - Twice Per Month         | GR - GRAB             |
| 00978 | Arsenic, total recoverable         | 1 - Effluent Gross      | 0        | -           | Sample Permit Req. Value NODI |         |             |                     |       |         |             |         |             | Req Mon 30DA AVG         |         |             |                  |             | 28 - ug/L  | 02/30 - Twice Per Month         | GR - GRAB             |
| 00980 | Iron, total recoverable            | 1 - Effluent Gross      | 0        | -           | Sample Permit Req. Value NODI |         |             |                     |       |         |             |         |             | 1000.0 30DA AVG          |         |             | 8000.0 DAILY MX  |             | 28 - ug/L  | 01/30 - Monthly                 | GR - GRAB             |
| 01046 | Iron, dissolved [as Fe]            | 1 - Effluent Gross      | 0        | -           | Sample Permit Req. Value NODI |         |             |                     |       |         |             |         |             | 300.0 30DA AVG           |         |             |                  |             | 28 - ug/L  | 02/30 - Twice Per Month         | GR - GRAB             |
| 01055 | Manganese, dissolved [as Mn]       | 1 - Effluent Gross      | 0        | -           | Sample Permit Req. Value NODI |         |             |                     |       |         |             |         |             | Req Mon 30DA AVG         |         |             |                  |             | 28 - ug/L  | 02/30 - Twice Per Month         | GR - GRAB             |
| 01074 | Nickel, total recoverable          | 1 - Effluent Gross      | 0        | -           | Sample Permit Req. Value NODI |         |             |                     |       |         |             |         |             | Req Mon 30DA AVG         |         |             |                  |             | 28 - ug/L  | 02/30 - Twice Per Month         | GR - GRAB             |

C - No  
Discharge

Value NODI

|       |                                            |                    |   |   |                    |            |                            |                  |                        |             |
|-------|--------------------------------------------|--------------------|---|---|--------------------|------------|----------------------------|------------------|------------------------|-------------|
| 01114 | Lead, total recoverable                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | Req Mon DAILY MX 28 - ug/L | C - No Discharge | 0230 - Twice Per Month | GR - GRAB   |
| 01118 | Chromium, total recoverable                | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | Req Mon 30DA AVG           | C - No Discharge | 0230 - Twice Per Month | GR - GRAB   |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | Req Mon DAILY MX 28 - ug/L | C - No Discharge | 0230 - Twice Per Month | GR - GRAB   |
| 01306 | Copper, potentially dissolved              | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | Req Mon 30DA AVG           | C - No Discharge | 0230 - Twice Per Month | GR - GRAB   |
| 01314 | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | Req Mon 30DA AVG           | C - No Discharge | 0230 - Twice Per Month | GR - GRAB   |
| 01318 | Lead, potentially dissolved                | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | Req Mon DAILY MX 28 - ug/L | C - No Discharge | 0230 - Twice Per Month | GR - GRAB   |
| 01319 | Manganese, potentially dissolved           | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | Req Mon DAILY MX 28 - ug/L | C - No Discharge | 0230 - Twice Per Month | GR - GRAB   |
| 01322 | Nickel, potentially dissolved              | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | Req Mon DAILY MX 28 - ug/L | C - No Discharge | 0230 - Twice Per Month | GR - GRAB   |
| 01323 | Selenium, potentially dissolved            | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | Req Mon DAILY MX 28 - ug/L | C - No Discharge | 0230 - Twice Per Month | GR - GRAB   |
| 03582 | Oil and grease                             | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | 10.0 INST MAX              | C - No Discharge | 7777 - Contingent      | GR - GRAB   |
| 04262 | Chromium, trivalent total recoverable      | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | Req Mon DAILY MX 28 - ug/L | C - No Discharge | 0230 - Twice Per Month | GR - GRAB   |
| 50050 | Flow, in conduit or thru treatment plant   | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | 0.072 30DA AVG             | C - No Discharge | 0130 - Monthly         | IN - INSTAN |
| 50286 | Mercury, total [low level]                 | 1 - Effluent Gross | 0 | - | Sample Permit Req. | Value NODI | Req Mon 30DA AVG           | C - No Discharge | 0230 - Twice Per Month | GR - GRAB   |
|       |                                            |                    |   |   | Sample Permit      |            |                            |                  | 0230 - Twice Per       |             |

| 51202 | Sulfide-hydrogen sulfide<br>[undissociated] | 1 - Effluent Gross | 0 | -- | Req.<br>Value MOD                     | Req Mon 30DA AVG<br>C - No<br>Discharge                    | 19 - mg/L | Month                      | GR - GRAB    |
|-------|---------------------------------------------|--------------------|---|----|---------------------------------------|------------------------------------------------------------|-----------|----------------------------|--------------|
| 51484 | Number of Events                            | 1 - Effluent Gross | 0 | -- | Sample<br>Permit<br>Req.<br>Value MOD | 3.07 DA AVG<br>C - No<br>Discharge                         | 5.1 - #   | 01/30 - Monthly            | CA - CALC TD |
| 81020 | Sulfate                                     | 1 - Effluent Gross | 0 | -- | Sample<br>Permit<br>Req.<br>Value MOD | Req Mon 30DA AVG<br>C - No<br>Discharge                    | 19 - mg/L | 02/30 - Twice Per<br>Month | GR - GRAB    |
| 81381 | Duration of discharge                       | 1 - Effluent Gross | 0 | -- | Sample<br>Permit<br>Req.<br>Value MOD | 3.07 DA AVG<br>C - No<br>Discharge                         | 5A - d    | 01/07 - Weekly             | CA - CALC TD |
| 92057 | Boron, total                                | 1 - Effluent Gross | 0 | -- | Sample<br>Permit<br>Req.<br>Value MOD | Req Mon 30DA AVG<br>C - No<br>Discharge                    | 19 - mg/L | 02/30 - Twice Per<br>Month | GR - GRAB    |
| 84066 | Oil and grease visual                       | 1 - Effluent Gross | 0 | -- | Sample<br>Permit<br>Req.<br>Value MOD | Req Mon INST MAX, AB -<br>abs=Opt=1<br>C - No<br>Discharge |           | 01/07 - Weekly             | VI - VISUAL  |

#### Submission Note

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

#### Edit Check Errors

No errors

Comments

No Discharge

Attachments

No attachments

#### Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

NPOULOS1031

Nicole Poulos

npoulos@archrsc.com

2023-07-10 07:44 (Time Zone: -06:00)

#### Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2023-07-25 12:14 (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:                                 | 015<br>External Outfall |      | Discharge:          | 015-Q<br>Quarterly Monitoring for 015A |                    |                     |                                                 |                     |                     |                  |         |           |       |                   |                      |             |
| Report Dates & Status                              | NetDMR Validated        |      |                     |                                        |                    |                     |                                                 |                     |                     |                  |         |           |       |                   |                      |             |
| Monitoring Period:                                 | 07/28/23                |      |                     |                                        |                    |                     |                                                 |                     |                     |                  |         |           |       |                   |                      |             |
| Considerations for Form Completion                 |                         |      |                     |                                        |                    |                     |                                                 |                     |                     |                  |         |           |       |                   |                      |             |
| Quarterly monitoring - see Appendix B. #35, pg 64. |                         |      |                     |                                        |                    |                     |                                                 |                     |                     |                  |         |           |       |                   |                      |             |
| Principal Executive Officer                        |                         |      |                     |                                        |                    |                     |                                                 |                     |                     |                  |         |           |       |                   |                      |             |
| First Name:                                        | Telephone:              |      |                     |                                        |                    |                     |                                                 |                     |                     |                  |         |           |       |                   |                      |             |
| Last Name:                                         | Title:                  |      |                     |                                        |                    |                     |                                                 |                     |                     |                  |         |           |       |                   |                      |             |
| No Data Indicator (NODI)                           |                         |      |                     |                                        |                    |                     |                                                 |                     |                     |                  |         |           |       |                   |                      |             |
| Form NODI:                                         | -                       |      |                     |                                        |                    |                     |                                                 |                     |                     |                  |         |           |       |                   |                      |             |
| Code                                               | Parameter               | Name | Monitoring Location | Season & Param. NODI                   | Sample Permit Req. | Quantity or Loading | Qualifier 1                                     | Qualifier 2         | Qualifier 3         | Value 1          | Value 2 | Value 3   | Units | # of EL           | Frequency of Analyte | Sample Type |
| 70295                                              | Solids, total dissolved |      | 1 - Effluent Gross  | 0                                      | -                  | Req Mon QTRTR AVG   | Qualifier 1 Value 1                             | Qualifier 2 Value 2 | Qualifier 3 Value 3 | Req Mon DAILY    | MX      | 19 - mg/L |       | 01/90 - Quarterly | GR - GRAB            |             |
|                                                    |                         |      |                     |                                        |                    | C - No Discharge    |                                                 |                     |                     | C - No Discharge |         |           |       |                   |                      |             |

if a parameter row does not contain any values for the Sample or Effluent Trailrun, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**No errors.**

### Comments

### Attachments

Report Last

1100

Name:

Date/Time:

11-11-11

Name:

Date/Time: