

# 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:                                                                                                                                                                        | 008<br>External Outfall   | Discharge:         | 008-W<br>Acute WET Testing for 008A |                    |                                                 |
| Report Dates & Status                                                                                                                                                                     | From 10/01/21 to 12/31/21 | DMR Due Date:      | 01/28/22                            | Status:            | Not DMR Validated                               |
| Monitoring Period: 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                                                                                                                                                               |                           | Title:             |                                     | Telephone:         |                                                 |
| First Name:                                                                                                                                                                               |                           |                    |                                     |                    |                                                 |
| Last Name:                                                                                                                                                                                |                           |                    |                                     |                    |                                                 |
| No Data Indicator (NODI)                                                                                                                                                                  |                           |                    |                                     |                    |                                                 |
| Form NODI:                                                                                                                                                                                |                           |                    |                                     |                    |                                                 |

| Code  | Parameter Name                               | Monitoring Location | Season & Param. NODI | Quantity or Loading |                     |       | Quality or Concentration |                     |                     | # of Ex. | Frequency of Analysis | Sample Type |
|-------|----------------------------------------------|---------------------|----------------------|---------------------|---------------------|-------|--------------------------|---------------------|---------------------|----------|-----------------------|-------------|
|       |                                              |                     |                      | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1      | Qualifier 2 Value 2 | Qualifier 3 Value 3 |          |                       |             |
| TAM3C | LC50 Static Renewal 48Hr Acute Daphnia magna | 1 - Effluent Gross  | 0                    |                     |                     |       |                          |                     |                     |          |                       | GR - GRAB   |
| TAM3C | LC50 Static Renewal 48Hr Acute Daphnia magna | 1 - Effluent Gross  | 0                    |                     |                     |       |                          |                     |                     |          |                       | GR - GRAB   |
| TAM3C | LC50 Static Renewal 48Hr Acute Daphnia magna | 1 - Effluent Gross  | 0                    |                     |                     |       |                          |                     |                     |          |                       | GR - GRAB   |

**Submission Note**  
If a parameter row does not contain any values for the Sample not 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:** NPOLLOS1031  
**Name:** Nicole Poulos  
**E-Mail:** npoulos@archrsc.com  
**Date/Time:** 2022-01-10 11:18 (Time Zone: -07:00)

**Report Last Signed By**

**User:** JWILCZEK  
**Name:** Jessica Wilczek  
**E-Mail:** jwilczek@archrsc.com  
**Date/Time:** 2022-01-12 05:11 (Time Zone: -07:00)



DMR Copy of Record

Permit

Permit #: CO0038776  
Major: No  
Permittee: Mountain Coal Co. LLC  
Permittee Address: 5174 Hwy 133  
Someraset, CO 81434

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

Permitted Feature:

UST1  
Receiving Water (Ambient)

Discharge:

UST1-A  
Instream Monitoring

Report Dates & Status

Monitoring Period: From 12/01/21 to 12/31/21

DMR Due Date:

01/28/22

Status:

Not DMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NOD)

Form NOD:

| Code  | Parameter Name                     | Monitoring Location     | Season & Param. NOD | Quantity or Loading |                     |                   |                  |         | Quality or Concentration |             |         | # of Ex. Frequency of Analysis |                    | Sample Type          |
|-------|------------------------------------|-------------------------|---------------------|---------------------|---------------------|-------------------|------------------|---------|--------------------------|-------------|---------|--------------------------------|--------------------|----------------------|
|       |                                    |                         |                     | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Units Qualifier 1 | Qualifier 2      | Value 1 | Value 2                  | Qualifier 3 | Value 3 | Units                          | Req Mon            |                      |
| 00010 | Temperature, water deg. centigrade | Z - Instream Monitoring | 0                   |                     |                     |                   | 2 1              |         |                          | 4 1         |         | 04 - deg C                     | 99/99 - Continuous | RC - Recorder (auto) |
|       |                                    |                         |                     |                     |                     |                   | Req Mon MX WK AV | =       |                          |             |         | Req Mon DAILY MX 04 - deg C    | 99/99 - Continuous | RC - Recorder (auto) |

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

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

NPOLLOST1031

Name:

Nicole Poulos

E-Mail:

npoulos@archrsc.com

Date/Time:

2022-01-10 15:12 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

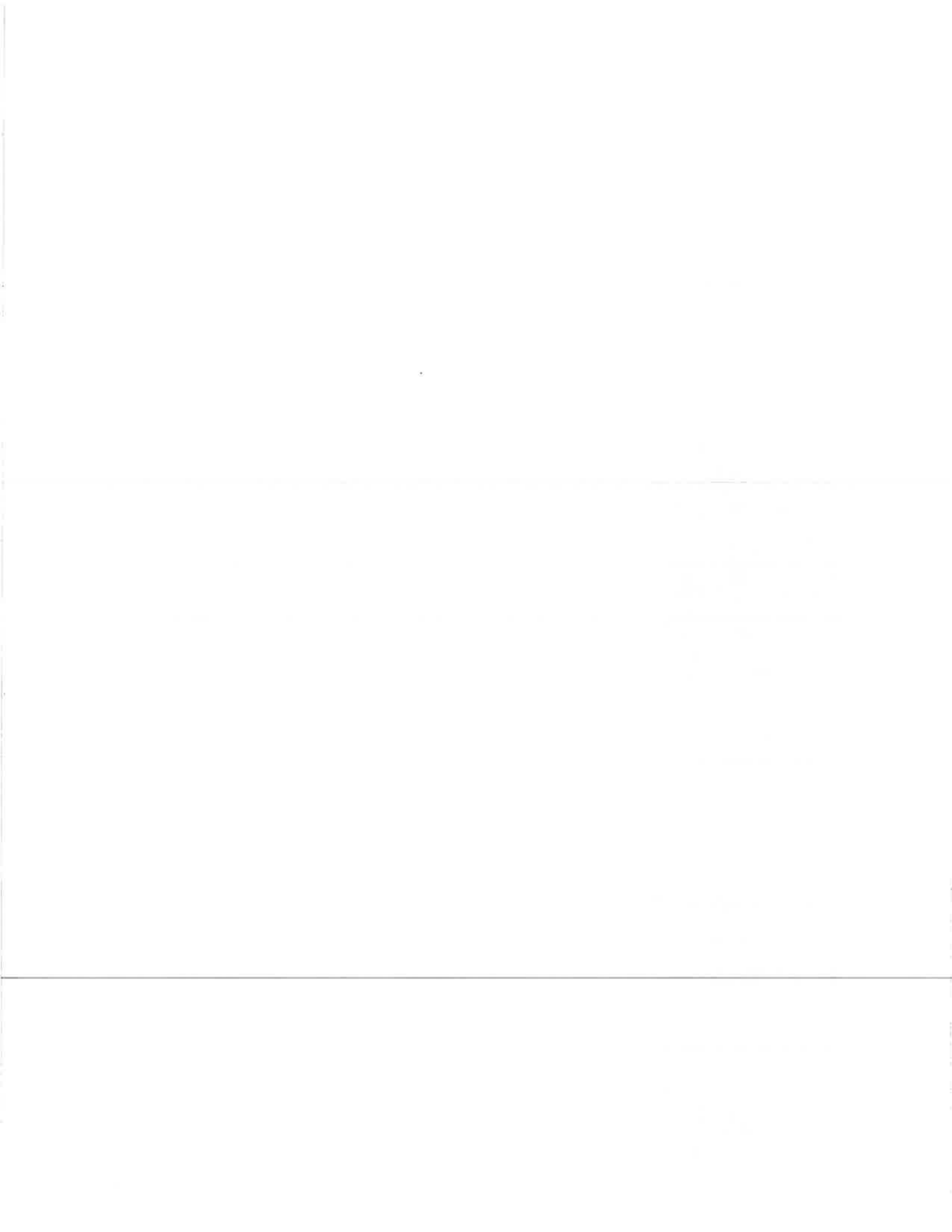
Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2022-01-12 05:11 (Time Zone: -07:00)



# DMR Copy of Record

|                                    |                                    |                                  |                                                             |                                           |                                                                                               |
|------------------------------------|------------------------------------|----------------------------------|-------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Permit</b>                      |                                    | <b>Permittee:</b>                |                                                             | <b>Facility:</b>                          |                                                                                               |
| <b>Permit #:</b>                   | CO0038776                          | <b>Permittee Address:</b>        | Mountain Coal Co LLC<br>5174 Hwy 133<br>Somerford, CO 81434 |                                           | <b>Facility Location:</b><br>WEST ELK MINE<br>HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Major:</b>                      | No                                 | <b>Discharge:</b>                | UST2-A<br>Instream Monitoring                               |                                           |                                                                                               |
| <b>Permitted Feature:</b>          |                                    | <b>Status:</b>                   |                                                             |                                           |                                                                                               |
| UST2<br>Receiving Water (Ambient)  |                                    | NeDMR Validated                  |                                                             |                                           |                                                                                               |
| <b>Report Dates &amp; Status</b>   |                                    | <b>DMR Due Date:</b>             |                                                             | <b>01/28/22</b>                           |                                                                                               |
| <b>Monitoring Period:</b>          |                                    | <b>From 12/01/21 to 12/31/21</b> |                                                             | <b>Considerations for Form Completion</b> |                                                                                               |
| <b>Principal Executive Officer</b> |                                    |                                  |                                                             |                                           |                                                                                               |
| <b>First Name:</b>                 |                                    |                                  | <b>Title:</b>                                               |                                           |                                                                                               |
| <b>Last Name:</b>                  |                                    |                                  | <b>Telephone:</b>                                           |                                           |                                                                                               |
| <b>No Data Indicator (NOD)</b>     |                                    |                                  |                                                             |                                           |                                                                                               |
| <b>Form NOD:</b>                   |                                    |                                  |                                                             |                                           |                                                                                               |
| <b>Code</b>                        | <b>Parameter Name</b>              | <b>Monitoring Location</b>       | <b>Season # Param, NOD</b>                                  | <b>Sample Permit Req</b>                  | <b>Value NOD</b>                                                                              |
| 00010                              | Temperature, water deg. centigrade | Z - Instream Monitoring          | 0                                                           |                                           |                                                                                               |

**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**

**Attachments**

| Name                   | Type | Size     |
|------------------------|------|----------|
| UST12ADecember2021.pdf | pdf  | 206972.0 |

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

**User:** NPOULOS1031

**Name:** Nicole Poulos

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

**Date/Time:** 2022-01-10 15:13 (Time Zone: -07:00)

**Report Last Signed By**

**User:** JWILCZEK

**Name:** Jessica Wilczek

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

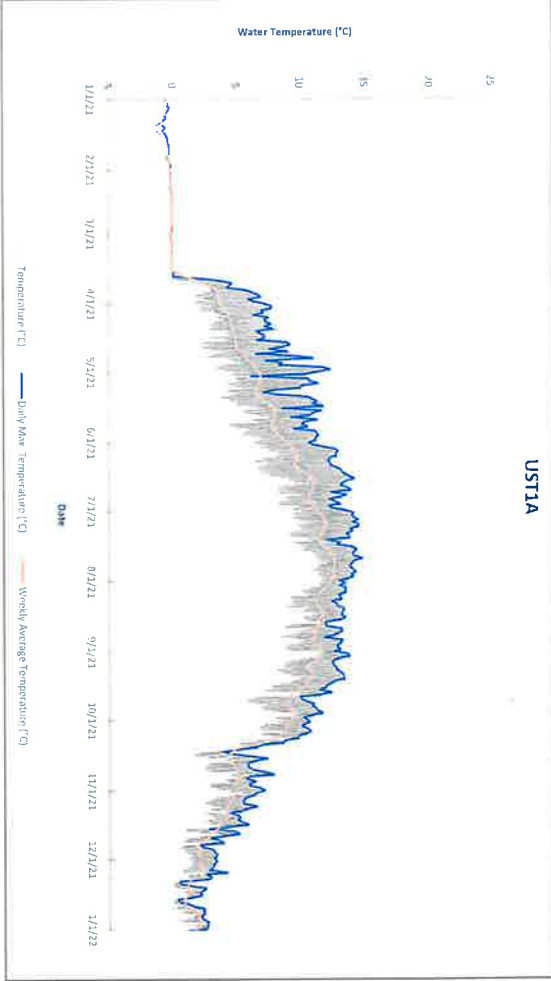
**Date/Time:** 2022-01-12 05:11 (Time Zone: -07:00)



| UST1A                                                 |            |                                                             |            |
|-------------------------------------------------------|------------|-------------------------------------------------------------|------------|
| Highest Daily Max. Temperature (DM) (°C) <sup>1</sup> |            | Maximum Weekly Average Temperature (MWAT) (°C) <sup>1</sup> |            |
| Month                                                 | Temp. (°C) | Date                                                        | Temp. (°C) |
| January 2021                                          | -0.102     | 31-Jan                                                      | -0.171     |
| February 2021                                         | 0.010      | 25-Feb                                                      | 0.010      |
| March 2021                                            | 6.927      | 29-Mar                                                      | 3.702      |
| April 2021                                            | 12.304     | 30-Apr                                                      | 6.523      |
| May 2021                                              | 11.771     | 16-May                                                      | 8.661      |
| June 2021                                             | 14.182     | 17-Jun                                                      | 11.078     |
| July 2021                                             | 14.805     | 22-Jul                                                      | 12.644     |
| August 2021                                           | 13.510     | 4-Aug                                                       | 12.379     |
| September 2021                                        | 13.788     | 3-Sep                                                       | 11.533     |
| October 2021                                          | 10.748     | 6-Oct                                                       | 9.276      |
| November 2021                                         | 7.129      | 1-Nov                                                       | 4.899      |
| December 2021                                         | 4.155      | 7-Dec                                                       | 2.175      |

DM is the highest two hour average water temperature recorded during a given 24 hour period (5 CCR 1007.31.5.1130)

MWAT is the highest Weekly Average Temperature (MWAT) in the month (5 CCR 1002.31.5.1268) MWAT 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 1002.31.5.1268)

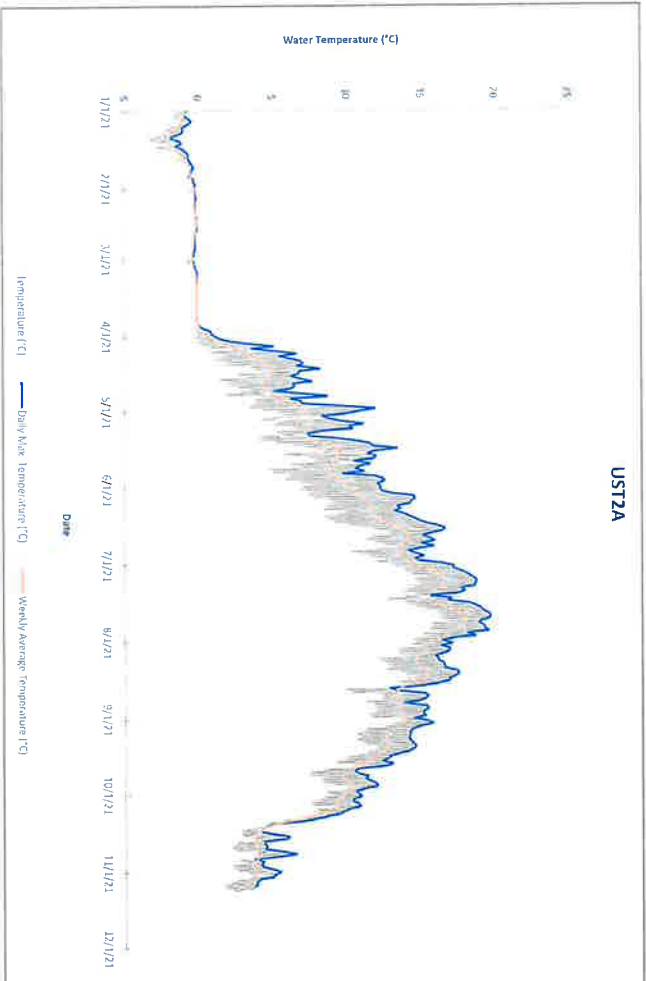


| UST2A                              |            |                                      |            |
|------------------------------------|------------|--------------------------------------|------------|
| Temperature (DM) (°C) <sup>1</sup> |            | Temperature (MWAT) (°C) <sup>1</sup> |            |
| Month                              | Temp. (°C) | Date                                 | Temp. (°C) |
| January 2021                       | -0.213     | 31-Jan                               | -0.314     |
| February 2021                      | -0.102     | 18-Feb                               | -0.120     |
| March 2021                         | 0.893      | 31-Mar                               | 0.356      |
| April 2021                         | 11.868     | 30-Apr                               | 6.790      |
| May 2021                           | 13.365     | 16-May                               | 9.928      |
| June 2021                          | 16.618     | 17-Jun                               | 14.142     |
| July 2021                          | 19.710     | 22-Jul                               | 17.619     |
| August 2021                        | 17.570     | 14-Aug                               | 16.016     |
| September 2021                     | 15.608     | 3-Sep                                | 13.832     |
| October 2021                       | 10.895     | 2-Oct                                | 9.798      |
| November 1 to November 12/1/2021   | 5.450      | Pending                              | 3.764      |
| 12/1/2021                          | Pending    | Pending                              | Pending    |

DM is the highest two hour average water temperature recorded during a given 24 hour period (5 CCR 1007.31.5.1130)

MWAT is the highest Weekly Average Temperature (MWAT) in the month (5 CCR 1002.31.5.1268) MWAT 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 1002.31.5.1268)

As of December 10, 2021, the UST2A location and the data recorder are unavailable for download. The water temperatures presented below are °C. The full data set will be downloaded as soon as the recorder is available.







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| <b>Permit</b>                                |                                            | <b>Permittee:</b>                      |               | <b>Facility:</b>                                |                               |                                      |                                      |                       |             |
|----------------------------------------------|--------------------------------------------|----------------------------------------|---------------|-------------------------------------------------|-------------------------------|--------------------------------------|--------------------------------------|-----------------------|-------------|
| Permit #: CO0038776                          | No                                         | Mountain Coal Co LLC                   |               | WEST ELK MINE                                   |                               |                                      |                                      |                       |             |
| Major:                                       |                                            | 5174 Hwy 133<br>Somerseil, CO 81434    |               | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |                               |                                      |                                      |                       |             |
| <b>Permitted Feature:</b>                    |                                            | <b>Discharge:</b>                      |               |                                                 |                               |                                      |                                      |                       |             |
| 032<br>External Outfall                      |                                            | 032-Q<br>Quarterly Monitoring for 032A |               |                                                 |                               |                                      |                                      |                       |             |
| <b>Report Dates &amp; Status</b>             |                                            | <b>DMR Due Date:</b>                   |               | <b>Status:</b>                                  |                               |                                      |                                      |                       |             |
| Monitoring Period: From 10/01/21 to 12/31/21 |                                            | 01/28/22                               |               | NetDMR Validated                                |                               |                                      |                                      |                       |             |
| <b>Considerations for Form Completion</b>    |                                            |                                        |               |                                                 |                               |                                      |                                      |                       |             |
| <b>Principal Executive Officer</b>           |                                            |                                        | <b>Title:</b> |                                                 |                               |                                      |                                      |                       |             |
| 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 Etc.                            | 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 | 370.0<br>Req Mon 300A AVG            | 19 - mg/L<br>19 - mg/L 0             | 01/90 - Quarterly     | GR - GRAB   |
| 00973                                        | Arsenic, total recoverable                 | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 4.0<br>Req Mon 300A AVG              | 28 - ug/L<br>28 - ug/L 0             | 01/90 - Quarterly     | GR - GRAB   |
| 01055                                        | Manganese, dissolved [as Mn]               | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 320.0<br>Req Mon 300A AVG            | 28 - ug/L<br>28 - ug/L 0             | 01/90 - Quarterly     | GR - GRAB   |
| 01074                                        | Nickel, total recoverable                  | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 15.0<br>Req Mon 300A AVG             | 28 - ug/L<br>28 - ug/L 0             | 01/90 - Quarterly     | GR - GRAB   |
| 01114                                        | Lead, total recoverable                    | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 12.0<br>Req Mon DAILY MX 28 - ug/L 0 | 28 - ug/L<br>28 - ug/L 0             | 01/90 - Quarterly     | GR - GRAB   |
| 01118                                        | Chromium, total recoverable                | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 11.0<br>Req Mon DAILY MX 28 - ug/L 0 | 28 - ug/L<br>28 - ug/L 0             | 01/90 - Quarterly     | GR - GRAB   |
| 01303                                        | Zinc, potentially dissolved                | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 38.0<br>Req Mon 300A AVG             | 39.0<br>Req Mon DAILY MX 28 - ug/L 0 | 01/90 - Quarterly     | GR - GRAB   |
| 01306                                        | Copper, potentially dissolved              | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 8.4<br>Req Mon 300A AVG              | 28 - ug/L<br>28 - ug/L 0             | 01/90 - Quarterly     | GR - GRAB   |
| 01314                                        | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 20.0<br>Req Mon 300A AVG             | 28 - ug/L<br>28 - ug/L 0             | 01/90 - Quarterly     | GR - GRAB   |
| 01318                                        | Lead, potentially dissolved                | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 6.9<br>Req Mon 300A AVG              | 28 - ug/L<br>28 - ug/L 0             | 01/90 - Quarterly     | GR - GRAB   |
| 01319                                        | Manganese, potentially dissolved           | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 320.0<br>Req Mon 300A AVG            | 28 - ug/L<br>28 - ug/L 0             | 01/90 - Quarterly     | GR - GRAB   |
| 01322                                        | Nickel, potentially dissolved              | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 4.9<br>Req Mon 300A AVG              | 28 - ug/L<br>28 - ug/L 0             | 01/90 - Quarterly     | GR - GRAB   |
| 01323                                        | Selenium, potentially dissolved            | 1 - Effluent Gross                     | 0             |                                                 | Sample Permit Req. Value NODI | 2.8<br>Req Mon 300A AVG              | 28 - ug/L<br>28 - ug/L 0             | 01/90 - Quarterly     | GR - GRAB   |



# DMR Copy of Record

| <b>Permit #:</b> CO0038776<br><b>Major:</b> No<br><b>Permitted Feature:</b> 034 External Outfall                                                                               |                                            | <b>Permittee:</b> Mountain Coal Co LLC<br><b>Permittee Address:</b> 5174 Hwy 133<br>Somerset, CO 81434<br><b>Discharge:</b> 034-Q Quarterly Monitoring for 034A |                     | <b>Facility:</b> WEST ELK MINE<br><b>Facility Location:</b> HWY 133 E OF TOWN<br>GUNNISON COUNTY, CO 81434 |                                     |                             |                       |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------|-----------------------|-------------|
| <b>Report Dates &amp; Status</b><br><b>Monitoring Period:</b> From 10/01/21 to 12/31/21<br><b>Considerations for Form Completion</b>                                           |                                            | <b>DMR Due Date:</b> 01/28/22<br><b>Status:</b> NetDMR Validated                                                                                                |                     |                                                                                                            |                                     |                             |                       |             |
| <b>Principal Executive Officer</b><br><b>First Name:</b> _____ <b>Title:</b> _____<br><b>Last Name:</b> _____ <b>Telephone:</b> _____<br><b>No Data Indicator (NOD):</b> _____ |                                            |                                                                                                                                                                 |                     |                                                                                                            |                                     |                             |                       |             |
| Code                                                                                                                                                                           | Parameter Name                             | Monitoring Location                                                                                                                                             | Season & Param. NOD | Quantity or Loading                                                                                        | Quality or Concentration            | # of Ex.                    | Frequency of Analysis | Sample Type |
|                                                                                                                                                                                |                                            |                                                                                                                                                                 |                     | Quarter 1 Value 1 Quarter 2 Value 2 Units Quarter 1 Value 1 Quarter 2 Value 2                              | Quarter 1 Value 2 Quarter 3 Value 3 | Units                       |                       |             |
| 00940                                                                                                                                                                          | Chloride [as Cl]                           | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 16.0 Req Mon 30DA AVG               | 19 - ug/L 19 - mg/L 0       | 0190 - Quarterly      | GR - GRAB   |
| 00978                                                                                                                                                                          | Arsenic, total recoverable                 | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 0.74 Req Mon 30DA AVG               | 28 - ug/L 28 - ug/L 0       | 0190 - Quarterly      | GR - GRAB   |
| 01056                                                                                                                                                                          | Manganese, dissolved [as Mn]               | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 1.8 Req Mon 30DA AVG                | 28 - ug/L 28 - ug/L 0       | 0190 - Quarterly      | GR - GRAB   |
| 01074                                                                                                                                                                          | Nickel, total recoverable                  | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 1.1 Req Mon 30DA AVG                | 28 - ug/L 28 - ug/L 0       | 0190 - Quarterly      | GR - GRAB   |
| 01114                                                                                                                                                                          | Lead, total recoverable                    | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 1.1 Req Mon 30DA AVG                | 28 - ug/L 28 - ug/L 0       | 0190 - Quarterly      | GR - GRAB   |
| 01118                                                                                                                                                                          | Chromium, total recoverable                | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 1.1 Req Mon 30DA AVG                | 28 - ug/L 28 - ug/L 0       | 0190 - Quarterly      | GR - GRAB   |
| 01303                                                                                                                                                                          | Zinc, potentially dissolved                | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 150.0 Req Mon 30DA AVG              | 150.0 28 - ug/L 28 - ug/L 0 | 0190 - Quarterly      | GR - GRAB   |
| 01306                                                                                                                                                                          | Copper, potentially dissolved              | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 1.3 Req Mon 30DA AVG                | 1.3 28 - ug/L 28 - ug/L 0   | 0190 - Quarterly      | GR - GRAB   |
| 01314                                                                                                                                                                          | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 20.0 Req Mon 30DA AVG               | 28 - ug/L 28 - ug/L 0       | 0190 - Quarterly      | GR - GRAB   |
| 01318                                                                                                                                                                          | Lead, potentially dissolved                | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 0.67 Req Mon 30DA AVG               | 0.67 28 - ug/L 28 - ug/L 0  | 0190 - Quarterly      | GR - GRAB   |
| 01319                                                                                                                                                                          | Manganese, potentially dissolved           | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 19.0 Req Mon 30DA AVG               | 19.0 28 - ug/L 28 - ug/L 0  | 0190 - Quarterly      | GR - GRAB   |
| 01322                                                                                                                                                                          | Nickel, potentially dissolved              | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 0.67 Req Mon 30DA AVG               | 0.67 28 - ug/L 28 - ug/L 0  | 0190 - Quarterly      | GR - GRAB   |
| 01323                                                                                                                                                                          | Selenium, potentially dissolved            | 1 - Effluent Gross                                                                                                                                              | 0                   | Sample Permit Req. Value NOD                                                                               | 5.0 Req Mon 30DA AVG                | 5.0 28 - ug/L 28 - ug/L 0   | 0190 - Quarterly      | GR - GRAB   |

|       |                                          |                    |   |                              |  |       |                            |   |                   |           |
|-------|------------------------------------------|--------------------|---|------------------------------|--|-------|----------------------------|---|-------------------|-----------|
| 04262 | Chromium, trivalent total recoverable    | 1 - Effluent Gross | 0 | Sample Permit Req. Value MDT |  | 20.0  | Req Mon DAILY MX 26 - ug/L | 0 | 01/30 - Quarterly | GR - GPAB |
| 50286 | Mercury, total [low level]               | 1 - Effluent Gross | 0 | Sample Permit Req. Value MDT |  | 0.2   | Req Mon 30DA AVG           |   | 01/30 - Quarterly | GR - GPAB |
| 51202 | Sulfide-hydrogen sulfide [undissociated] | 1 - Effluent Gross | 0 | Sample Permit Req. Value MDT |  | 0.05  | Req Mon 30DA AVG           |   | 01/30 - Quarterly | GR - GPAB |
| 81020 | Sulfate                                  | 1 - Effluent Gross | 0 | Sample Permit Req. Value MDT |  | 44.0  | Req Mon 30DA AVG           |   | 01/30 - Quarterly | GR - GPAB |
| 82057 | Boron, total                             | 1 - Effluent Gross | 0 | Sample Permit Req. Value MDT |  | 0.034 | Req Mon 30DA AVG           |   | 01/30 - Quarterly | GR - GPAB |

**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:

2022-01-10 12:37 (Time Zone: -07:00)

**Report Last Signed By**

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2022-01-12 05:11 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

C00038776

Permittee:

Mountain Coal Co LLC

Facility:

WEST ELK MINE

Major:

No

Permittee Address:

5174 Hwy 133  
Someset, CO 81434

Facility Location:

Hwy 133, E OF TOWN  
GUNNISON COUNTY, CO 81434

Permitted Feature:

012  
External Outfall

Discharge:

012-Q  
Quarterly Monitoring for 012A

Report Dates & Status

From 10/01/21 to 12/31/21

DMR Due Date:

01/28/22

Status:

Not DMR Validated

Monitoring Period:

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

Principal Executive Officer

Title:

Telephone:

First Name:

Last Name:

No Data Indicator (NOD)

Form NOD:

70295 Solids, total dissolved

1 - Effluent Gross

0

Sample  
Permit Rec:  
Value NOD

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

Quantity or Concentration  
Qualifier 1 Value 1  
Qualifier 2 Value 2  
Qualifier 3 Value 3

Units  
Qualifier 1 Value 1  
Qualifier 2 Value 2  
Qualifier 3 Value 3

# of Ex. Frequency of Analysis  
Qualifier 1 Value 1  
Qualifier 2 Value 2  
Qualifier 3 Value 3

Sample Type  
Qualifier 1 Value 1  
Qualifier 2 Value 2  
Qualifier 3 Value 3

Real Mon QRTS AVG  
Qualifier 1 Value 1  
Qualifier 2 Value 2  
Qualifier 3 Value 3

Real Mon DAILY MAX  
Qualifier 1 Value 1  
Qualifier 2 Value 2  
Qualifier 3 Value 3

GR - GRA8

C - No Discharge

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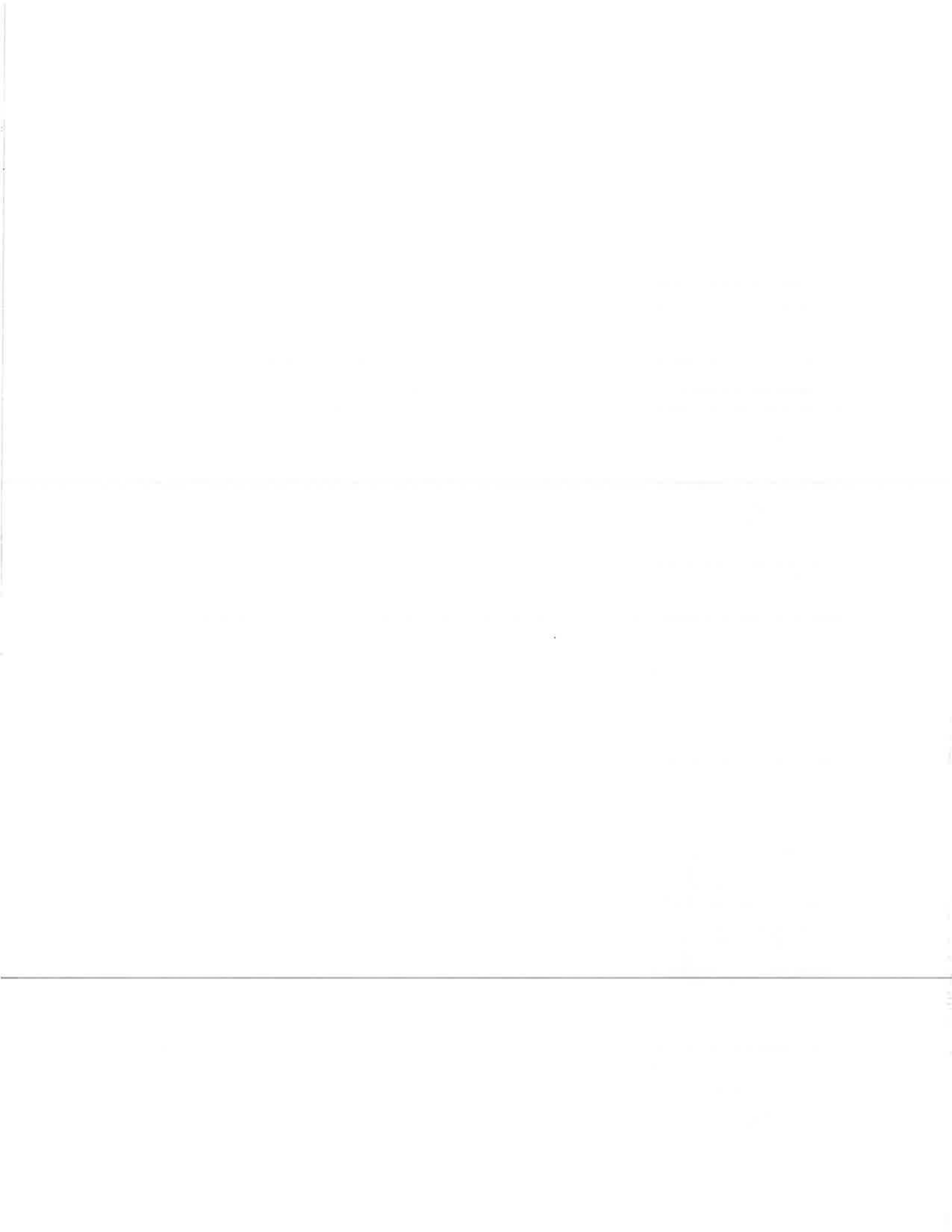
C - No Discharge

C - No Discharge

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C - No Discharge

C - No Discharge







[illegible]



|       |                                             |                    |   |                               |                                      |                     |                         |             |
|-------|---------------------------------------------|--------------------|---|-------------------------------|--------------------------------------|---------------------|-------------------------|-------------|
| 5/202 | Sulfide-hydrogen sulfide<br>[undissociated] | 1 - Effluent Gross | 0 | Req. Value NODI               | Req Mon 30DA AVG<br>C - No Discharge | 19 - mg/L           | Month                   | GR - GFAB   |
| 5/484 | Number of Events                            | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | 10.0 30DA AVG<br>C - No Discharge    | 5.1 - #             | 01/30 - Monthly         | CA - CALCTD |
| 6/020 | Sulfide                                     | 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 - GFAB   |
| 8/381 | Duration of discharge                       | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | 3.0 7 DA AVG<br>C - No Discharge     | 5A - d              | 01/07 - Weekly          | CA - CALCTD |
| 8/207 | Boron, total                                | 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 - GFAB   |
| 8/066 | Oil and grease visual                       | 1 - Effluent Gross | 0 | Sample Permit Req. Value NODI | Req Mon INST MAX<br>C - No Discharge | AB -<br>abs=0 gals- | 01/07 - Weekly          | VI - VISUAL |

#### Submission Note

If a parameter row does not contain any values for the Sample row 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:

2022-01-10 11:19 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

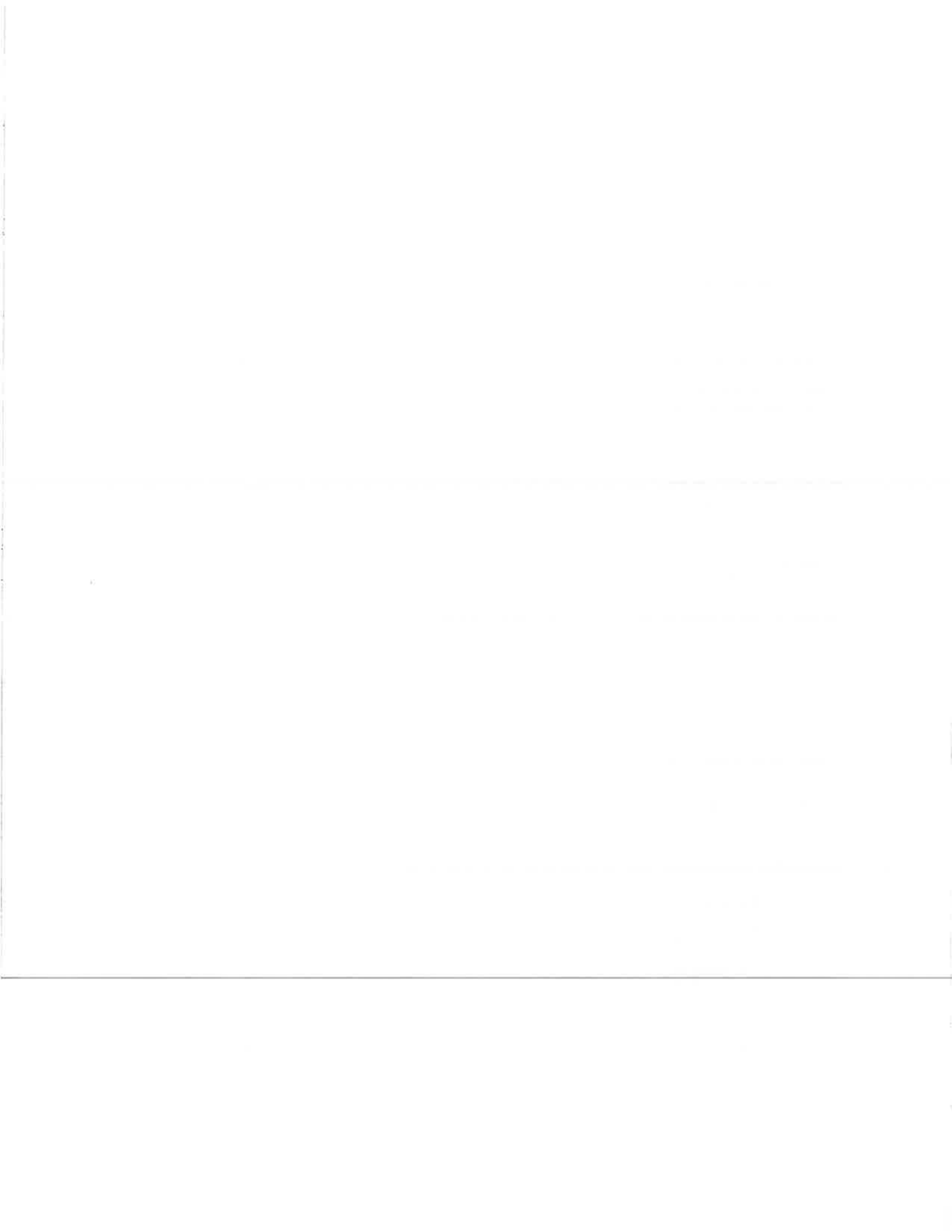
Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2022-01-12 05:11 (Time Zone: -07:00)



DMR Copy of Record

Permit  
Permit #: CO0038776  
Major: No

Permittee:  
Permittee Address:  
5174 Hwy 133  
Someset, CO 81434

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

Permitted Feature:  
011A  
External Outfall

Discharge:  
011A-W  
Acide Monthly WET Testing for 011A

Report Dates & Status  
Monitoring Period: From 12/01/21 to 12/31/21  
Considerations for Form Completion

DMR Due Date: 01/28/22

Status: NetDMR Validated

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

Title:  
  
Telephone:

| Code  | Parameter Name        | Monitoring Location | Session # Param. NOD | Sample Permit Req. Value NOD | Quantity or Loading<br>Qualifier 1 Value 1<br>Qualifier 2 Value 2<br>Qualifier 3 Value 3 | Quality or Concentration<br>Qualifier 1 Value 1<br>Qualifier 2 Value 2<br>Qualifier 3 Value 3 | # of Ex. Frequency of Analysis<br>Units | Sample Type                              |
|-------|-----------------------|---------------------|----------------------|------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------|
| 51484 | Number of Events      | 1 - Effluent Gross  | 0                    |                              | 10.0 WDA AVG<br>C - No Discharge                                                         | <                                                                                             | 3.0 MX7D AV<br>C - No Discharge         | 51 - #<br>01/30 - Monthly<br>CA - CALCTD |
| 81381 | Duration of discharge | 1 - Effluent Gross  | 0                    |                              |                                                                                          |                                                                                               | 3.0 MX7D AV<br>C - No Discharge         | 5A - d<br>01/07 - Weekly<br>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.

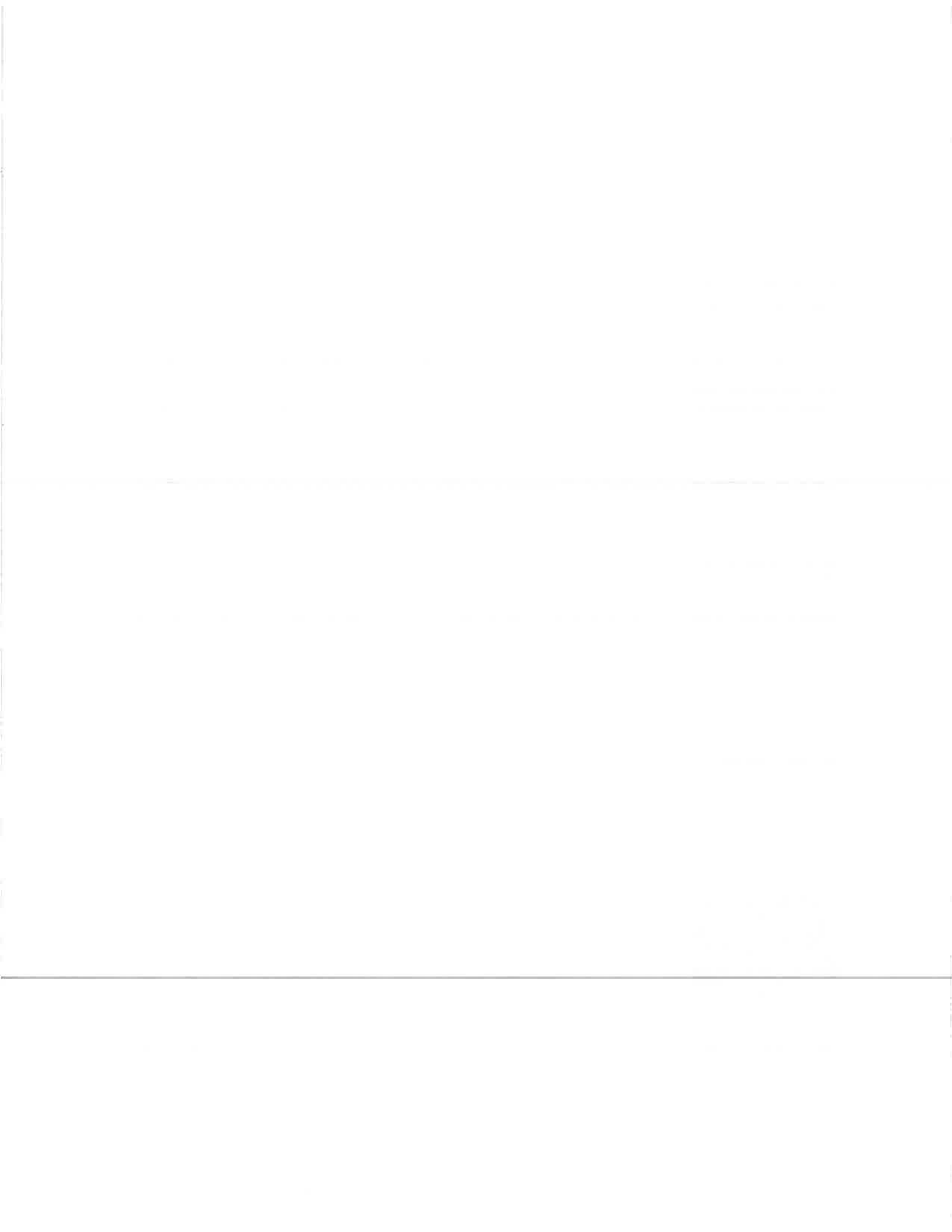
Comments  
No Discharge

Attachments  
No attachments

Report Last Saved By  
Mountain Coal Co LLC

User:  
Name: NPOULOS1031  
E-Mail: npoulos@archsc.com  
Date/Time: 2022-01-10 11:19 (Time Zone: -07:00)

Report Last Signed By  
User: JWILCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archsc.com  
Date/Time: 2022-01-12 05:11 (Time Zone: -07:00)



# DMR Copy of Record

|                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|--|
| <b>Permit</b><br>Permit #: <b>CO0038776</b><br>Major: <b>No</b><br>Permitted Feature: <b>011 External Outfall</b>                                                         |  | <b>Permittee:</b><br>Permittee Address: <b>Mountain Coal Co LLC<br/>5174 Hwy 133<br/>Someset, CO 81434</b><br>Discharge: <b>011-AA<br/>Mine Water to Sylvester Gulch</b>                                                                                                                                                                       |  | <b>Facility:</b><br>Facility Location: <b>WEST ELK MINE<br/>HWY 133, E OF TOWN<br/>GUNNISON COUNTY, CO 81434</b> |  |
| <b>Report Dates &amp; Status</b><br>Monitoring Period: <b>From 12/01/21 to 12/31/21</b><br><b>DMR Due Date:</b> <b>01/28/22</b><br><b>Status:</b> <b>NotDMR Validated</b> |  | <b>Considerations for Form Completion</b><br>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><br>First Name: _____<br>Last Name: _____<br>No Data Indicator (NOD): _____                                                             |  | <b>Title:</b> _____<br><b>Telephone:</b> _____                                                                                                                                                                                                                                                                                                 |  |                                                                                                                  |  |

| Code  | Parameter Name                     | Monitoring Location | Season #Param. NOD | Sample Permit Req | Qualifier 1 | Value 1 | Quantity or Loading<br>Qualifier 2 | Value 2 | Units | Qualifier 1                     | Value 1 | Qualifier 2 | Value 2 | Quality or Concentration<br>Qualifier 3 | Value 3 | Units | # of Ex. Frequency of Analysis                                               | Sample Type                               |
|-------|------------------------------------|---------------------|--------------------|-------------------|-------------|---------|------------------------------------|---------|-------|---------------------------------|---------|-------------|---------|-----------------------------------------|---------|-------|------------------------------------------------------------------------------|-------------------------------------------|
| 00010 | Temperature, water deg. centigrade | 1 - Effluent Gross  | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | Req Mon DAILY MX 04 - deg C<br>C - No Discharge                              | 9999 - Continuous<br>RC - Recorder (rain) |
| 00094 | Conductivity                       | 1 - Effluent Gross  | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | 78 - dS/m<br>02/30 - Twice Per Month GR - GRAB                               |                                           |
| 00400 | pH                                 | 1 - Effluent Gross  | 0                  | Value NOD         |             |         |                                    |         |       | 6.5 MINIMUM<br>C - No Discharge |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | 8.0 MAXIMUM<br>C - No Discharge                                              | 01/07 - Weekly<br>GR - GRAB               |
| 00440 | Bicarbonate Ion- [as HCO3]         | 1 - Effluent Gross  | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | Req Mon DAILY MX 19 - mg/L<br>C - No Discharge                               | 02/30 - Twice Per Month GR - GRAB         |
| 00530 | Solids, total suspended            | 1 - Effluent Gross  | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | 35.0 30DA AVG<br>C - No Discharge                                            | 01/30 - Monthly<br>GR - GRAB              |
| 00918 | Calcium, total recoverable         | 1 - Effluent Gross  | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | Req Mon DAILY MX 19 - mg/L<br>C - No Discharge                               | 02/30 - Twice Per Month GR - GRAB         |
| 00921 | Magnesium, total recoverable       | 1 - Effluent Gross  | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | Req Mon DAILY MX 19 - mg/L<br>C - No Discharge                               | 02/30 - Twice Per Month GR - GRAB         |
| 00923 | Sodium, total recoverable          | 1 - Effluent Gross  | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | Req Mon DAILY MX 19 - mg/L<br>C - No Discharge                               | 02/30 - Twice Per Month GR - GRAB         |
| 00931 | Sodium adsorption ratio            | EG - Effluent Gross | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | Req Mon 30DA AVG<br>C - No Discharge                                         | 02/30 - Twice Per Month CA - CALCTD       |
| 00931 | Sodium adsorption ratio            | P - See Comments    | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | Req Mon DAILY MX 1U - Ratio<br>C - No Discharge                              | 02/30 - Twice Per Month CA - CALCTD       |
| 00940 | Chloride [as Cl]                   | 1 - Effluent Gross  | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | 19 - mg/L<br>02/30 - Twice Per Month GR - GRAB                               |                                           |
| 00978 | Arsenic, total recoverable         | 1 - Effluent Gross  | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | 28 - ug/L<br>02/30 - Twice Per Month GR - GRAB                               |                                           |
| 00980 | Iron, total recoverable            | 1 - Effluent Gross  | 0                  | Value NOD         |             |         |                                    |         |       |                                 |         |             |         | Req Mon 30DA AVG<br>C - No Discharge    |         |       | 1000.0 30DA AVG<br>6000.0 DAILY MX 28 - ug/L<br>01/30 - Monthly<br>GR - GRAB |                                           |

|       |                                            |                    | Value NODI |                              |                                    | C - No Discharge                               | C - No Discharge |                                  |  |
|-------|--------------------------------------------|--------------------|------------|------------------------------|------------------------------------|------------------------------------------------|------------------|----------------------------------|--|
| 01056 | Manganese, dissolved [as Mn]               | 1 - Effluent Gross | 0          | Sample Permit Req Value NODI |                                    | Req Mon 30DA AVG<br>C - No Discharge           | 28 - ug/L        | 0230 - 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        | 0230 - Twice Per Month GR - GRAB |  |
| 01114 | Lead, total recoverable                    | 1 - Effluent Gross | 0          | Sample Permit Req Value NODI |                                    | Req Mon DAILY MAX<br>C - No Discharge          | 28 - ug/L        | 0230 - 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        | 0230 - Twice Per Month GR - GRAB |  |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross | 0          | Sample Permit Req Value NODI |                                    | Req Mon 30DA AVG<br>C - No Discharge           | 28 - ug/L        | 0230 - Twice Per Month GR - GRAB |  |
| 01305 | 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 |  |
| 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 |  |
| 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 |  |
| 01319 | Manganese, 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 |  |
| 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 |  |
| 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 |  |
| 03352 | Oil and grease                             | 1 - Effluent Gross | 0          | Sample Permit Req Value NODI |                                    | 10.0 INST MAX<br>C - No Discharge              | 18 - mg/L        | 7777 - Contingent GR - GRAB      |  |
| 04262 | Chromium, trivalent total recoverable      | 1 - Effluent Gross | 0          | Sample Permit Req Value NODI |                                    | Req Mon DAILY MAX<br>C - No Discharge          | 28 - ug/L        | 0230 - Twice Per Month GR - GRAB |  |
| 50050 | Flow, in conduit or thru treatment plant   | 1 - Effluent Gross | 0          | Sample Permit Req Value NODI | 0.014 30DA AVG<br>C - No Discharge | Req Mon DAILY MAX 03 - MGD<br>C - No Discharge |                  | 0167 - Weekly IN - INSTAN        |  |
| 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 |  |
| 51202 | Sulfide-hydrogen sulfide [undissociated]   | 1 - Effluent Gross | 0          | Sample Permit Req Value NODI |                                    | Req Mon 30DA AVG<br>C - No Discharge           | 18 - mg/L        | 0230 - Twice Per Month GR - GRAB |  |
| 51484 | Number of Events                           | 1 - Effluent Gross | 0          | Sample Permit Req Value NODI |                                    | 10.0 30DA AVG<br>C - No Discharge              | 30 - #           | 0160 - Monthly CA - CALCTD       |  |
| 81020 | Sulfate                                    | 1 - Effluent Gross | 0          | Sample Permit Req Value NODI |                                    | Req Mon 30DA AVG<br>C - No Discharge           | 18 - mg/L        | 0230 - Twice Per Month GR - GRAB |  |
| 81381 | Duration of discharge                      | 1 - Effluent Gross | 0          | Sample Permit Req Value NODI |                                    | 3.07 DA AVG<br>C - No Discharge                | 30 - d           | 0167 - Weekly CA - CALCTD        |  |
|       |                                            |                    |            | Sample Permit Req            |                                    | Req Mon 30DA AVG                               | 18 - mg/L        | 0230 - Twice Per Month GR - GRAB |  |

82057

Boron, total

1 - Effluent Gross

0

Value NDI

C - No Discharge

|       |                       |                    |   |                              |                                    |                  |               |             |
|-------|-----------------------|--------------------|---|------------------------------|------------------------------------|------------------|---------------|-------------|
| 84066 | Oil and grease visual | 1 - Effluent Gross | 0 | Sample Permit Req. Value NDI | Req Non INST MAX Ab - abs-0-junc-1 | C - No Discharge | 0107 - 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:

NPOLLOS1031

Name:

Nicole Poulos

E-Mail:

npoulos@archsc.com

Date/Time:

2022-01-10 11:19 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2022-01-12 05:11 (Time Zone: -07:00)





## 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>Somerford, CO 81434    | <b>Facility Location:</b> | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Permitted Feature:</b>                          | 011<br>External Outfall   | <b>Discharge:</b>          | 011-Q<br>Quarterly Monitoring for 011A |                           |                                                 |
| <b>Report Dates &amp; Status</b>                   |                           |                            |                                        |                           |                                                 |
| <b>Monitoring Period:</b>                          | From 10/01/21 to 12/31/21 | <b>DMR Due Date:</b>       | 01/28/22                               | <b>Status:</b>            | Not DMR Validated                               |
| <b>Considerations for Form Completion</b>          |                           |                            |                                        |                           |                                                 |
| Quarterly monitoring - see Appendix B, #35, pg 64. |                           |                            |                                        |                           |                                                 |
| <b>Principal Executive Officer</b>                 |                           |                            |                                        |                           |                                                 |
| <b>First Name:</b>                                 |                           | <b>Title:</b>              |                                        | <b>Telephone:</b>         |                                                 |
| <b>Last Name:</b>                                  |                           |                            |                                        |                           |                                                 |
| <b>No Data Indicator (NOD)</b>                     |                           |                            |                                        |                           |                                                 |
| <b>Form NOD:</b>                                   |                           |                            |                                        |                           |                                                 |
| <b>Code</b>                                        | <b>Parameter Name</b>     | <b>Monitoring Location</b> | <b>Season &amp; Param. NOD</b>         | <b>Sample Permit Fee</b>  | <b>Value NOD</b>                                |
| 70295                                              | Solids, total dissolved   | 1 - Effluent Gross         | 0                                      |                           |                                                 |

| Quantity or Loading |                 | Quality or Concentration |                 | Units     | # of Ex. Frequency of Analysis | Sample Type |
|---------------------|-----------------|--------------------------|-----------------|-----------|--------------------------------|-------------|
| Quarter 1 Value     | Quarter 2 Value | Quarter 1 Value          | Quarter 2 Value |           |                                |             |
| Req Mon CTRB AVG    | Value 2         | Req Mon DAILY MAX        | Value 3         | 19 - mg/L | 01/mo - Quarterly              | GR - GRAB   |
| C - No Discharge    |                 | C - No Discharge         |                 |           |                                |             |

**Submission Note**

If a parameter row does not contain any values for the Sample not 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:**

NPOLIOS1031

**Name:**

Nicole Poulos

**E-Mail:**

npoulos@archsc.com

**Date/Time:**

2022-01-10 11:19 (Time Zone: -07:00)

**Report Last Signed By**

JWILCZEK

**User:**

Jessica Wilczek

**Name:**

jwilczek@archsc.com

**E-Mail:**

2022-01-12 05:11 (Time Zone: -07:00)

**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>Someset, CO 81434   | Facility Location: | 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: | From 10/01/21 to 12/31/21 | DMR Due Date: | 01/28/22 | Status: | NeiDMR Validated |
|-----------------------|--------------------|---------------------------|---------------|----------|---------|------------------|

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

| Link Name: | No Data Indicator (NOD) | Exam NOD: |
|------------|-------------------------|-----------|
|            |                         |           |

| Parameter | Monitoring Location | Season & Param. NOD | Quantity or Loading                                       | Quality or Concentration                                          | # of Ex. Frequency of Analyte Sample Type |
|-----------|---------------------|---------------------|-----------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------|
| Name      |                     |                     | Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 | Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units |                                           |

| TAMC | LC50 Static Renewal 48Hr Acute Daphnia magna | 1 - Effluent Gross | 0 | -- | Sample Permit Req Value NDLI | Req Mon Mn VALUE C - No Discharge | 23 % | 0180 - Quarterly | G3 - GRAB-3 |
|------|----------------------------------------------|--------------------|---|----|------------------------------|-----------------------------------|------|------------------|-------------|
| TAMC | LC50 Static Renewal 48Hr Acute Pimephales    | 1 - Effluent Gross | 0 | ++ | Sample Permit Req Value NDLI | Req Mon Mn VALUE C - No Discharge | 23 % | 0180 - Quarterly | G3 - GRAB-3 |

**Submission Note**

If a parameter row does not contain any values for the Sample or 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  
NPOUL081031

Name: Nicole Poulos  
E-Mail: npoulos@archsci.com

|                       |                                      |
|-----------------------|--------------------------------------|
| Date/Time:            | 2022-01-10 11:19 (Time Zone: -07:00) |
| Report Last Signed By |                                      |

|       |                 |
|-------|-----------------|
| User: | JWILCZEK        |
| Name: | Jessica Wilczek |

E-Mail: [jwilczak@archtsc.com](mailto:jwilczak@archtsc.com)  
 Date/Time: 2022-01-12 05:11 (Time Zone: -07:00)



# DMR Copy of Record

Permit

Permit #: C00038776

Major: No

Permitted Feature: 017 External Outfall

Report Dates & Status

Monitoring Period: From 12/01/21 to 12/31/21

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=ES; ADJUSTED SAR AT MLOC=P.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NOD)

Form NOD:

| Code | Parameter Name | Monitoring Location | Season # Param. NOD | Sample Permit Req | Qualifier 1 | Value 1 | Quantity or Loading | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Quantity or Concentration | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units | # of Ex | Frequency of Analysis | Sample Type |
|------|----------------|---------------------|---------------------|-------------------|-------------|---------|---------------------|-------------|---------|-------|-------------|---------|---------------------------|-------------|---------|-------------|---------|-------|---------|-----------------------|-------------|
|------|----------------|---------------------|---------------------|-------------------|-------------|---------|---------------------|-------------|---------|-------|-------------|---------|---------------------------|-------------|---------|-------------|---------|-------|---------|-----------------------|-------------|

|       |                                    |                    |   |           |  |  |  |  |  |  |  |  |                   |                  |  |  |                  |            |                   |                      |
|-------|------------------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|-------------------|------------------|--|--|------------------|------------|-------------------|----------------------|
| 00010 | Temperature, water deg. centigrade | 1 - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | Req Mon MX Wk. Av | C - No Discharge |  |  | Req Mon DAILY MX | 04 - deg C | 9999 - Continuous | RC - Recorder (auto) |
|-------|------------------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|-------------------|------------------|--|--|------------------|------------|-------------------|----------------------|

|       |              |                    |   |           |  |  |  |  |  |  |  |  |                  |                  |  |  |  |           |                                  |  |
|-------|--------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|--|-----------|----------------------------------|--|
| 00094 | Conductivity | 1 - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | Req Mon 30DA AVG | C - No Discharge |  |  |  | 76 - dS/m | 0230 - Twice Per Month GR - GRAB |  |
|-------|--------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|--|-----------|----------------------------------|--|

|       |    |                    |   |           |  |  |  |  |  |  |  |  |             |                  |  |  |             |         |               |           |
|-------|----|--------------------|---|-----------|--|--|--|--|--|--|--|--|-------------|------------------|--|--|-------------|---------|---------------|-----------|
| 00400 | pH | 1 - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | 6.5 MINIMUM | C - No Discharge |  |  | 5.0 MAXIMUM | 12 - SU | 0107 - Weekly | GR - GRAB |
|-------|----|--------------------|---|-----------|--|--|--|--|--|--|--|--|-------------|------------------|--|--|-------------|---------|---------------|-----------|

|       |                            |                    |   |           |  |  |  |  |  |  |  |  |                  |                  |  |  |                  |           |                                  |  |
|-------|----------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-----------|----------------------------------|--|
| 00440 | Bicarbonate ion- [as HCO3] | 1 - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | Req Mon 30DA AVG | C - No Discharge |  |  | Req Mon DAILY MX | 19 - mg/L | 0230 - Twice Per Month GR - GRAB |  |
|-------|----------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-----------|----------------------------------|--|

|       |                         |                    |   |           |  |  |  |  |  |  |  |  |               |                  |  |  |               |           |                |           |
|-------|-------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|---------------|------------------|--|--|---------------|-----------|----------------|-----------|
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | 35.0 30DA AVG | C - No Discharge |  |  | 70.0 DAILY MX | 19 - mg/L | 0130 - Monthly | GR - GRAB |
|-------|-------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|---------------|------------------|--|--|---------------|-----------|----------------|-----------|

|       |                            |                    |   |           |  |  |  |  |  |  |  |  |                  |                  |  |  |                  |           |                                  |  |
|-------|----------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-----------|----------------------------------|--|
| 00918 | Calcium, total recoverable | 1 - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | Req Mon 30DA AVG | C - No Discharge |  |  | Req Mon DAILY MX | 19 - mg/L | 0230 - Twice Per Month GR - GRAB |  |
|-------|----------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-----------|----------------------------------|--|

|       |                              |                    |   |           |  |  |  |  |  |  |  |  |                  |                  |  |  |                  |           |                                  |  |
|-------|------------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-----------|----------------------------------|--|
| 00921 | Magnesium, total recoverable | 1 - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | Req Mon 30DA AVG | C - No Discharge |  |  | Req Mon DAILY MX | 19 - mg/L | 0230 - Twice Per Month GR - GRAB |  |
|-------|------------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-----------|----------------------------------|--|

|       |                           |                    |   |           |  |  |  |  |  |  |  |  |                  |                  |  |  |                  |           |                                  |  |
|-------|---------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-----------|----------------------------------|--|
| 00923 | Sodium, total recoverable | 1 - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | Req Mon 30DA AVG | C - No Discharge |  |  | Req Mon DAILY MX | 19 - mg/L | 0230 - Twice Per Month GR - GRAB |  |
|-------|---------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-----------|----------------------------------|--|

|       |                         |                     |   |           |  |  |  |  |  |  |  |  |                  |                  |  |  |                  |             |                                    |  |
|-------|-------------------------|---------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-------------|------------------------------------|--|
| 00931 | Sodium adsorption ratio | EG - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | Req Mon 30DA AVG | C - No Discharge |  |  | Req Mon DAILY MX | 119 - Ratio | 0230 - Twice Per Month CA - CALC/D |  |
|-------|-------------------------|---------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-------------|------------------------------------|--|

|       |                         |                  |   |           |  |  |  |  |  |  |  |  |                  |                  |  |  |                  |             |                                    |  |
|-------|-------------------------|------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-------------|------------------------------------|--|
| 00931 | Sodium adsorption ratio | P - See Comments | 0 | Value NOD |  |  |  |  |  |  |  |  | Req Mon 30DA AVG | C - No Discharge |  |  | Req Mon DAILY MX | 119 - Ratio | 0230 - Twice Per Month CA - CALC/D |  |
|-------|-------------------------|------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|------------------|-------------|------------------------------------|--|

|       |                  |                    |   |           |  |  |  |  |  |  |  |  |                  |                  |  |  |  |           |                                  |  |
|-------|------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|--|-----------|----------------------------------|--|
| 00940 | Chloride [as Cl] | 1 - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | Req Mon 30DA AVG | C - No Discharge |  |  |  | 19 - mg/L | 0230 - Twice Per Month GR - GRAB |  |
|-------|------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|------------------|------------------|--|--|--|-----------|----------------------------------|--|

|       |                            |                    |   |           |  |  |  |  |  |  |  |  |                |                  |  |  |  |           |                                  |  |
|-------|----------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|----------------|------------------|--|--|--|-----------|----------------------------------|--|
| 00978 | Arsenic, total recoverable | 1 - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | 100.0 30DA AVG | C - No Discharge |  |  |  | 28 - ug/L | 0230 - Twice Per Month GR - GRAB |  |
|-------|----------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|----------------|------------------|--|--|--|-----------|----------------------------------|--|

|       |                         |                    |   |           |  |  |  |  |  |  |  |  |                 |                  |  |  |                 |           |                |           |
|-------|-------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|-----------------|------------------|--|--|-----------------|-----------|----------------|-----------|
| 00980 | Iron, total recoverable | 1 - Effluent Gross | 0 | Value NOD |  |  |  |  |  |  |  |  | 1000.0 30DA AVG | C - No Discharge |  |  | 6000.0 DAILY MX | 28 - ug/L | 0130 - Monthly | GR - GRAB |
|-------|-------------------------|--------------------|---|-----------|--|--|--|--|--|--|--|--|-----------------|------------------|--|--|-----------------|-----------|----------------|-----------|

Permittee: Mountain Coal Co LLC

Permittee Address: 5174 Hwy 133  
Someset, CO 81434

Discharge: 017-AA  
Mine Water & IMWT

Facility:

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

DMR Due Date:

01/28/22

Status:

NetDMR Validated

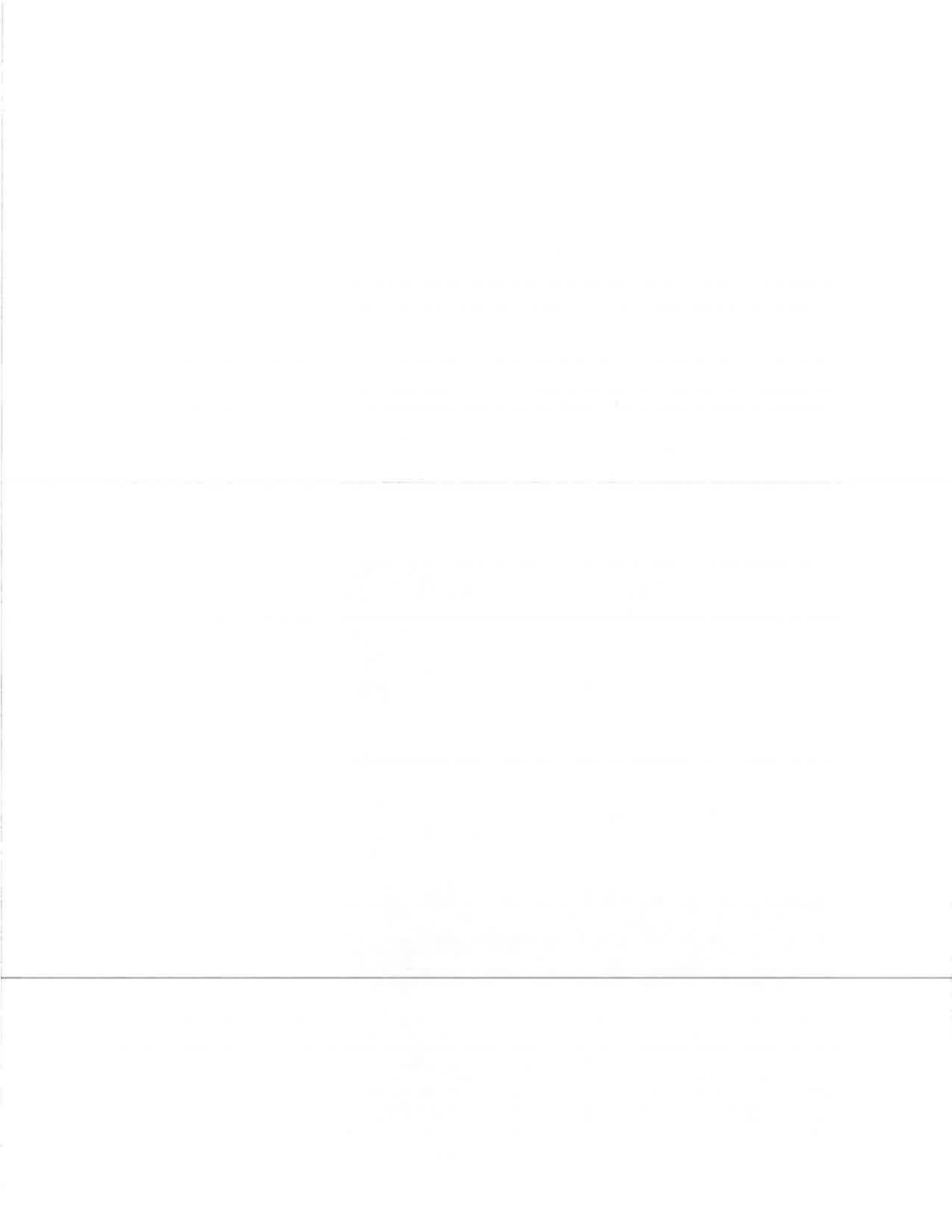
Title:

Telephone:

[illegible]

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

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Edit Check Errors</b> |                                      |
| 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:               | 2022-01-10 11:21 (Time Zone: -07:00) |
| Report Last Signed By    |                                      |
| User:                    | JWILCZEK                             |
| Name:                    | Jessica Wilczek                      |
| E-Mail:                  | jwilczek@archrsc.com                 |
| Date/Time:               | 2022-01-12 06:11 (Time Zone: -07:00) |





## 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:                                                                                                                                                                                                                                                                                                                                              | 015<br>External Outfall      | Discharge:          | 015-AA<br>Surface Runoff to N. Fork of Gunnison River |                    |                                                 |             |         |                                 |             |         |       |             |         |                                      |             |         |             |         |       |            |                       |                                     |
| Report Dates & Status                                                                                                                                                                                                                                                                                                                                           | From 12/01/21 to 12/31/21    | DMR Due Date:       | 01/28/22                                              | Status:            | NeDMR Validated                                 |             |         |                                 |             |         |       |             |         |                                      |             |         |             |         |       |            |                       |                                     |
| Monitoring Period: Considerations for Form Completion<br>TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10VR24HR PRECIP EVENTS -SEE PG. 23 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.1.a. REPORT CALCULATED SAR AT MLOC=EG, ADJUSTED SAR AT MLOC=P |                              |                     |                                                       |                    |                                                 |             |         |                                 |             |         |       |             |         |                                      |             |         |             |         |       |            |                       |                                     |
| Principal Executive Officer                                                                                                                                                                                                                                                                                                                                     |                              |                     |                                                       |                    |                                                 |             |         |                                 |             |         |       |             |         |                                      |             |         |             |         |       |            |                       |                                     |
| First Name:                                                                                                                                                                                                                                                                                                                                                     |                              | Title:              |                                                       | Telephone:         |                                                 |             |         |                                 |             |         |       |             |         |                                      |             |         |             |         |       |            |                       |                                     |
| Last Name:                                                                                                                                                                                                                                                                                                                                                      |                              |                     |                                                       |                    |                                                 |             |         |                                 |             |         |       |             |         |                                      |             |         |             |         |       |            |                       |                                     |
| No Data Indicator (NODI)                                                                                                                                                                                                                                                                                                                                        |                              |                     |                                                       |                    |                                                 |             |         |                                 |             |         |       |             |         |                                      |             |         |             |         |       |            |                       |                                     |
| Form NODI:                                                                                                                                                                                                                                                                                                                                                      |                              |                     |                                                       |                    |                                                 |             |         |                                 |             |         |       |             |         |                                      |             |         |             |         |       |            |                       |                                     |
| Code                                                                                                                                                                                                                                                                                                                                                            | Parameter Name               | Monitoring Location | Season #                                              | Param. MOD         | Sample Permit Reg. Value NODI                   | Qualifier 1 | Value 1 | Quantity or Loading             | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Quantity or Concentration            | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units | # of Ets.  | Frequency of Analysis | Sample Type                         |
| 00094                                                                                                                                                                                                                                                                                                                                                           | Conductivity                 | 1 - Effluent Gross  | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 78 - dS/m  |                       | 02/20 - Twice Per Month GR - GRAB   |
| 00400                                                                                                                                                                                                                                                                                                                                                           | pH                           | 1 - Effluent Gross  | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         | 6.5 MINIMUM<br>C - No Discharge |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 12 - SU    |                       | 01/20 - Monthly GR - GRAB           |
| 00440                                                                                                                                                                                                                                                                                                                                                           | Bicarbonate Ion- [as HCO3]   | 1 - Effluent Gross  | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 19 - mg/L  |                       | 02/20 - Twice Per Month GR - GRAB   |
| 00530                                                                                                                                                                                                                                                                                                                                                           | Solids, total suspended      | 1 - Effluent Gross  | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 19 - mg/L  |                       | 01/20 - Monthly GR - GRAB           |
| 00918                                                                                                                                                                                                                                                                                                                                                           | Calcium, total recoverable   | 1 - Effluent Gross  | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 19 - mg/L  |                       | 02/20 - Twice Per Month GR - GRAB   |
| 00921                                                                                                                                                                                                                                                                                                                                                           | Magnesium, total recoverable | 1 - Effluent Gross  | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 19 - mg/L  |                       | 02/20 - Twice Per Month GR - GRAB   |
| 00923                                                                                                                                                                                                                                                                                                                                                           | Sodium, total recoverable    | 1 - Effluent Gross  | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 19 - mg/L  |                       | 02/20 - Twice Per Month GR - GRAB   |
| 00931                                                                                                                                                                                                                                                                                                                                                           | Sodium adsorption ratio      | EG - Effluent Gross | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 1U - Ratio |                       | 02/20 - Twice Per Month CA - CALCTD |
| 00931                                                                                                                                                                                                                                                                                                                                                           | Sodium adsorption ratio      | P - See Comments    | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 1U - Ratio |                       | 02/20 - Twice Per Month CA - CALCTD |
| 00940                                                                                                                                                                                                                                                                                                                                                           | Chloride [as Cl]             | 1 - Effluent Gross  | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 19 - mg/L  |                       | 02/20 - Twice Per Month GR - GRAB   |
| 00978                                                                                                                                                                                                                                                                                                                                                           | Arsenic, total recoverable   | 1 - Effluent Gross  | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 28 - ug/L  |                       | 02/20 - Twice Per Month GR - GRAB   |
| 00980                                                                                                                                                                                                                                                                                                                                                           | Iron, total recoverable      | 1 - Effluent Gross  | 0                                                     | -                  | Sample Permit Reg. Value NODI                   |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 28 - ug/L  |                       | 01/20 - Monthly GR - GRAB           |
| 01046                                                                                                                                                                                                                                                                                                                                                           | Iron, dissolved [as Fe]      | 1 - Effluent Gross  | 0                                                     | -                  | Sample Permit Reg.                              |             |         |                                 |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge |             |         |             |         |       | 28 - ug/L  |                       | 02/20 - Twice Per Month GR - GRAB   |

[illegible]

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

|                          |                                     |
|--------------------------|-------------------------------------|
| <b>Edit Check Errors</b> |                                     |
| No errors                |                                     |
| Comments                 |                                     |
| No Discharge             |                                     |
| Attachments              |                                     |
| No attachments           |                                     |
| Report Last Saved By     |                                     |
| Mountain Coal Co LLC     |                                     |
| User:                    |                                     |
| Name:                    | NPOULOS1031                         |
| E-Mail:                  | Nicole Poulos<br>npoulos@archsc.com |
| Date/Time:               | 2022-01-10 11:20 (Time Zone -07:00) |
| Report Last Signed By    |                                     |
| User:                    | JWILCZEK                            |
| Name:                    | Jessica Wilczek                     |
| E-Mail:                  | jwilczek@archsc.com                 |
| Date/Time:               | 2022-01-12 05:11 (Time Zone -07:00) |



## DMR Copy of Record

|                                                    |                           |                           |                                        |                           |                                                |
|----------------------------------------------------|---------------------------|---------------------------|----------------------------------------|---------------------------|------------------------------------------------|
| <b>Permit</b>                                      | CO038776                  | <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>Somerseil, 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-Q<br>Quarterly Monitoring for 009A |                           |                                                |
| <b>Report Dates &amp; Status</b>                   | From 10/01/21 to 12/31/21 | <b>DMR Due Date:</b>      | 01/28/22                               | <b>Status:</b>            | Not DMR Validated                              |
| <b>Monitoring Period:</b>                          |                           |                           |                                        |                           |                                                |
| <i>Considerations for Form Completion</i>          |                           |                           |                                        |                           |                                                |
| Quarterly monitoring - see Appendix B, #35, pg 64. |                           |                           |                                        |                           |                                                |
| <i>Principal Executive Officer</i>                 |                           |                           |                                        |                           |                                                |
| <b>First Name:</b>                                 |                           | <b>Title:</b>             |                                        | <b>Telephone:</b>         |                                                |
| <b>Last Name:</b>                                  |                           |                           |                                        |                           |                                                |
| <b>No Data Indicator (NODI)</b>                    |                           |                           |                                        |                           |                                                |
| <b>Form NODI:</b>                                  |                           |                           |                                        |                           |                                                |

| Code  | Parameter Name          | Monitoring Location | Season # | Param. NODI | Sample Permit Req. | 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 | Unit                           | Quantity |             |  |  |
| 70295 | Solids, total dissolved | 1 - Effluent Gross  | 0        |             |                    |                     |         |             |                          |             |         |                                |          |             |  |  |
|       |                         |                     |          |             |                    |                     |         |             |                          |             |         |                                |          |             |  |  |

**Submission Note**

If a parameter row does not contain any values for the Sample not 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:**

2022-01-10 11:18 (Time Zone: -07:00)

**Report Last Signed By**

**User:**

JWILCZEK

**Name:**

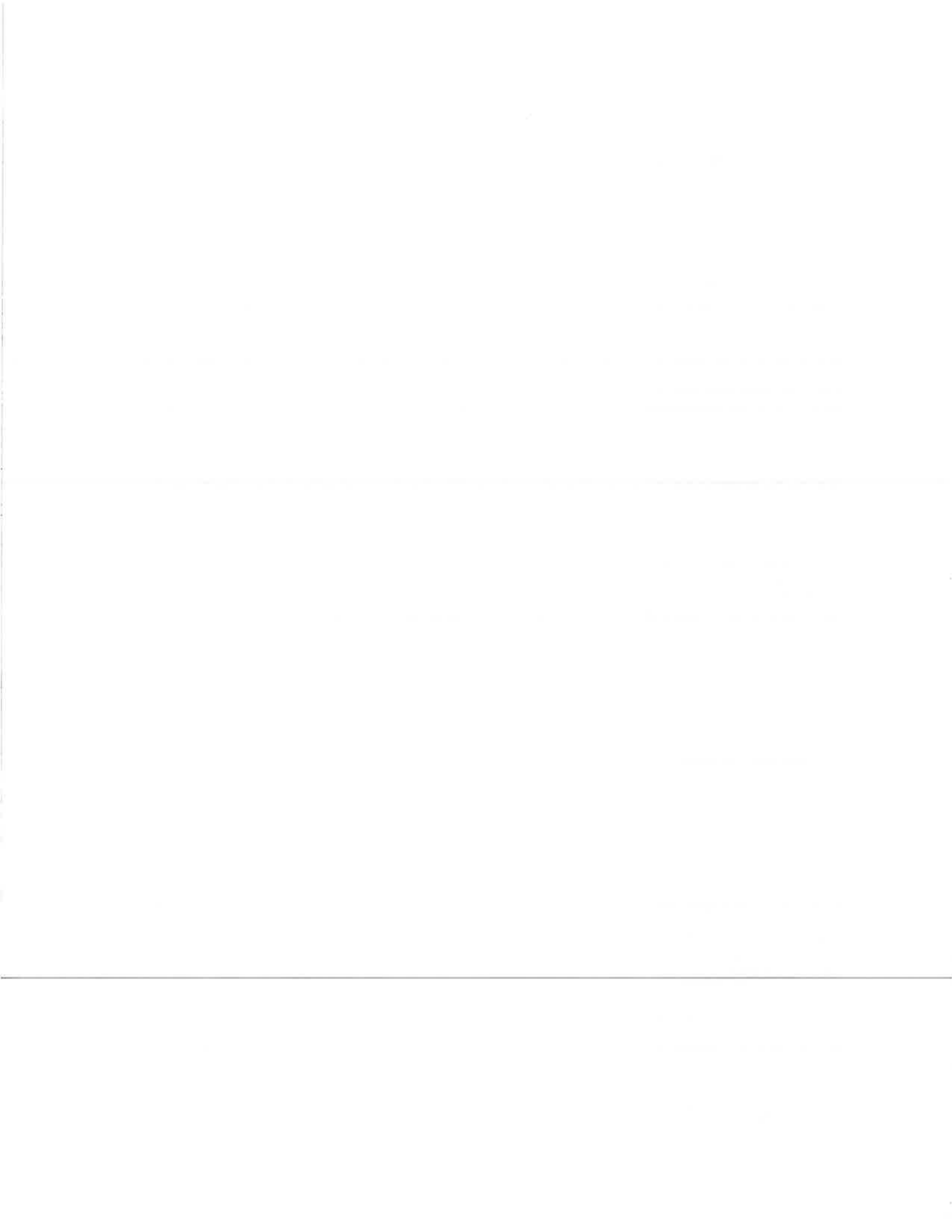
Jessica Wilczek

**E-Mail:**

jwilczek@archsc.com

**Date/Time:**

2022-01-12 05:11 (Time Zone: -07:00)



DMR Copy of Record

Permit

Permit #: CO0038776

Major: No

Permitted Feature:

015  
External Outfall

Report Dates & Status

Monitoring Period: From 10/01/21 to 12/31/21

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NOD)

Form NOD:

| Code | Parameter Name | Monitoring Location | Season | # Param NOD | Sample Permit Ref. | Value NOD |
|------|----------------|---------------------|--------|-------------|--------------------|-----------|
|------|----------------|---------------------|--------|-------------|--------------------|-----------|

70205 Solids, total dissolved 1 - Effluent Gross 0

Submission Note

If a parameter row does not contain any values for the Sample not 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:

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

Discharge:

015-Q  
Quarterly Monitoring for 015A

DMR Due Date:

01/28/22

Status:

Not DMR Validated

Title:

Telephone:

Quality of Loading  
Quantity 1 Value 1  
Quantity 2 Value 2  
Units  
Quality of Concentration  
Value 2  
Value 3  
Units  
# of Ex. Frequency of Analysis  
Sample Type

Real Mon ORTR AVG  
C - No Discharge  
Real Mon DAILY MX  
C - No Discharge  
19 - mg/L  
01/90 - Quarterly  
GR - GRA9

JWL/CZEK  
Jessica Wilczek  
jwilczek@archsc.com  
2022-01-12 05:11 (Time Zone: -07:00)





# DMR Copy of Record

|                                                                                                                                                                                           |                                    |                    |                                     |                    |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------|-------------------------------------|--------------------|-------------------------------------------------|
| Permit #:                                                                                                                                                                                 | CO0036776                          | 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:                                                                                                                                                                        | 009<br>External Outfall            | Discharge:         | 009-W<br>Acute WET Testing for 009A |                    |                                                 |
| Report Dates & Status                                                                                                                                                                     | From 10/01/21 to 12/31/21          | DMR Due Date:      | 01/28/22                            | Status:            | NetDMR Validated                                |
| Monitoring Period:                                                                                                                                                                        | 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                                                                                                                                                               | First Name:                        |                    | Title:                              |                    | Telephone:                                      |
| Last Name:                                                                                                                                                                                |                                    |                    |                                     |                    |                                                 |
| No Date Indicator (NOD)                                                                                                                                                                   |                                    |                    |                                     |                    |                                                 |
| Form NOD:                                                                                                                                                                                 |                                    |                    |                                     |                    |                                                 |

| Code | Parameter Name                               | Monitoring Location | Season & Param. NOD | Quantity or Loading |                     |       | Quality or Concentration |                     |                     | # of Ex. | Frequency of Analysis | Sample Type       |           |
|------|----------------------------------------------|---------------------|---------------------|---------------------|---------------------|-------|--------------------------|---------------------|---------------------|----------|-----------------------|-------------------|-----------|
|      |                                              |                     |                     | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Units | Qualifier 1 Value 1      | Qualifier 2 Value 2 | Qualifier 3 Value 3 |          |                       |                   | Units     |
| TAMC | LC50 Static Renewal 48Hr Acute Daphnia magna | 1 - Effluent Gross  | 0                   | +                   |                     |       | >=                       | 100.0 MN/VOLUME     | C - No Discharge    | 23       | %                     | 01/9C - Quarterly | GR - GRAB |
| TANC | LC50 Static 98Hr Acute Pinephates            | 1 - Effluent Gross  | 0                   | +                   |                     |       | >=                       | 100.0 MN/VOLUME     | C - No Discharge    | 23       | %                     | 01/9C - 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:**  
NPOLLOST031

**Name:**  
Nicole Poules

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

**Date/Time:**  
2022-01-10 11:18 (Time Zone: -07:00)

**Report Last Signed By**

**User:**  
JWILCZEK

**Name:**  
Jessica Wilczek

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

**Date/Time:**  
2022-01-12 05:11 (Time Zone: -07:00)



DMR Copy of Record

Permit #: C00038776  
Major: No  
Permitted Feature: 015 External Outfall

Permittee: Mountain Coal Co LLC  
Permittee Address: 5174 Hwy 133  
Sommerset, CO 81434  
Facility: WEST ELK MINE  
Hwy 133, E OF TOWN  
GUNNISON COUNTY, CO 81434

Report Dates & Status  
Monitoring Period: From 10/01/21 to 12/31/21  
Considerations for Form Completion  
SEE ID 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:  
Last Name:  
No Data Indicator (NODI)

Title:  
Telephone:

Form NODI: --

| 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 | Qualifier 1<br>Value 1 | Qualifier 2 Value 2<br>Qualifier 3 Value 3 | # of Ex. Frequency of Analysis | Sample Type                   |
|------|----------------------------------------------|---------------------|----------|-------------|------------------------------------------------------------------------------------------|------------------------|--------------------------------------------|--------------------------------|-------------------------------|
| TAMC | LC50 Static Renewal 48hr Acute Daphnia magna | 1 - Effluent Gross  | 0        | --          | --                                                                                       | --                     | --                                         | 23 - %                         | 016C - Quarterly<br>GR - GRAB |
| TANC | LC50 Static 96hr Acute Pimephales            | 1 - Effluent Gross  | 0        | --          | --                                                                                       | --                     | --                                         | 23 - %                         | 016C - Quarterly<br>GR - GRAB |

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

Edit Check Errors  
No errors.

Comments  
No Discharge

Attachments  
No attachments.

Report Last Saved By  
Mountain Coal Co LLC

User: NPOULOS1031  
Name: Nicole Poules  
E-Mail: npoules@garchsc.com

Date/Time: 2022-01-10 11:21 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK  
Name: Jessica Wilczak  
E-Mail: jwilczak@garchsc.com

Date/Time: 2022-01-12 06:11 (Time Zone: -07:00)



## DMR Copy of Record

| Permit #:                   | C00038776                                                                                                                                                                                                                                                                                                                             | Permittee:          | Mountain Coal Co LLC                   | Facility:          | WEST ELK MINE                                   |                                                                                          |                                     |             |         |                                            |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------------------------|--------------------|-------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------|-------------|---------|--------------------------------------------|
| Major:                      | No                                                                                                                                                                                                                                                                                                                                    | Permittee Address:  | 5174 Hwy 133<br>Somerseil, CO 81434    | Facility Location: | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |                                                                                          |                                     |             |         |                                            |
| Permitted Feature:          | 014<br>External Outfall                                                                                                                                                                                                                                                                                                               | Discharge:          | 014AQ<br>Quarterly Monitoring for 014A |                    |                                                 |                                                                                          |                                     |             |         |                                            |
| Report Dates & Status       | From 10/01/21 to 12/31/21                                                                                                                                                                                                                                                                                                             | DMR Due Date:       | 01/28/22                               | Status:            | NotDMR Validated                                |                                                                                          |                                     |             |         |                                            |
| Monitoring Period:          | Considerations for Form Completion<br>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 ICA REPORT CALCULATED SAR AT MLOC=EG, ADJUSTED SAR AT MLOC=P. |                     |                                        |                    |                                                 |                                                                                          |                                     |             |         |                                            |
| Principal Executive Officer |                                                                                                                                                                                                                                                                                                                                       | Title:              |                                        | Telephone:         |                                                 |                                                                                          |                                     |             |         |                                            |
| First Name:                 |                                                                                                                                                                                                                                                                                                                                       |                     |                                        |                    |                                                 |                                                                                          |                                     |             |         |                                            |
| Last Name:                  |                                                                                                                                                                                                                                                                                                                                       |                     |                                        |                    |                                                 |                                                                                          |                                     |             |         |                                            |
| No Data Indicator (NOD)     |                                                                                                                                                                                                                                                                                                                                       |                     |                                        |                    |                                                 |                                                                                          |                                     |             |         |                                            |
| Form NOD:                   |                                                                                                                                                                                                                                                                                                                                       |                     |                                        |                    |                                                 |                                                                                          |                                     |             |         |                                            |
| Code                        | Parameter Name                                                                                                                                                                                                                                                                                                                        | Monitoring Location | Season                                 | Param. NOD         | Sample Permit Req.                              | Quantity or Loading<br>Qualifier 1 Value 1<br>Qualifier 2 Value 2<br>Qualifier 3 Value 3 | Quality or Concentration<br>Value 2 | Qualifier 3 | Value 3 | # of Ex. Frequency of Analysis Sample Type |
| 00940                       | Chloride [as Cl]                                                                                                                                                                                                                                                                                                                      | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 19 - ug/L 01/90 - Quarterly GR - GRAB      |
| 00978                       | Arsenic, total recoverable                                                                                                                                                                                                                                                                                                            | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |
| 01056                       | Manganese, dissolved [as Mn]                                                                                                                                                                                                                                                                                                          | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |
| 01074                       | Nickel, total recoverable                                                                                                                                                                                                                                                                                                             | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |
| 01114                       | Lead, total recoverable                                                                                                                                                                                                                                                                                                               | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |
| 01118                       | Chromium, total recoverable                                                                                                                                                                                                                                                                                                           | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |
| 01303                       | Zinc, potentially dissolved                                                                                                                                                                                                                                                                                                           | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |
| 01306                       | Copper, potentially dissolved                                                                                                                                                                                                                                                                                                         | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |
| 01314                       | Chromium, trivalent, potentially dissolved                                                                                                                                                                                                                                                                                            | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |
| 01318                       | Lead, potentially dissolved                                                                                                                                                                                                                                                                                                           | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |
| 01319                       | Manganese, potentially dissolved                                                                                                                                                                                                                                                                                                      | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |
| 01322                       | Nickel, potentially dissolved                                                                                                                                                                                                                                                                                                         | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |
| 01323                       | Selenium, potentially dissolved                                                                                                                                                                                                                                                                                                       | 1 - Effluent Gross  | 0                                      | --                 | Sample Permit Req.                              | Req Mon 30DA AVG                                                                         | C - No Discharge                    |             |         | 28 - ug/L 01/90 - Quarterly GR - GRAB      |

|                                                | Value NODI           |                              | C - No Discharge | C - No Discharge                  |                                      |
|------------------------------------------------|----------------------|------------------------------|------------------|-----------------------------------|--------------------------------------|
| 042622 Chromium, trivalent total recoverable   | 1 - Effluent Gross 0 | Sample Permit Req Value NODI |                  | Req Mon DAILY MX C - No Discharge | 28 - ug/L 01/90 - Quarterly GR-169A8 |
| 50286 Mercury, total [low level]               | 1 - Effluent Gross 0 | Sample Permit Req Value NODI |                  | Req Mon 30DA AVG C - No Discharge | 28 - ug/L 01/90 - Quarterly GR-169A8 |
| 51202 Sulfide-hydrogen sulfide [undissociated] | 1 - Effluent Gross 0 | Sample Permit Req Value NODI |                  | Req Mon 30DA AVG C - No Discharge | 19 - mg/L 01/90 - Quarterly GR-169A8 |
| 81020 Sulfate                                  | 1 - Effluent Gross 0 | Sample Permit Req Value NODI |                  | Req Mon 30DA AVG C - No Discharge | 28 - ug/L 01/90 - Quarterly GR-169A8 |
| 82057 Boron, total                             | 1 - Effluent Gross 0 | Sample Permit Req Value NODI |                  | Req Mon 30DA AVG C - No Discharge | 19 - mg/L 01/90 - Quarterly GR-169A8 |

#### 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:

2022-01-10 11:20 (Time Zone: -07:00)

#### Report Last Signed By

#### User:

JWILCZEK

#### Name:

Jessica Wilczek

#### E-Mail:

jwilczek@archsc.com

#### Date/Time:

2022-01-12 05:11 (Time Zone: -07:00)

DMR Copy of Record

Permit:  
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:  
Monitoring Period:

014  
External Outfall  
From 12/01/21 to 12/31/21

Report Dates & Status  
Monitoring Period:

014  
External Outfall  
From 12/01/21 to 12/31/21

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

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

-

Title:  
Telephone:

| 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  |                                |             |
| 00010 | Temperature, water deg. centigrade       | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI | 0.03 30DA AVG   | Req Mon DAILY MX         | 03 - MGD | 01/30 - Monthly                | IN - INSTAN |
| 00400 | pH                                       | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI | 6.5 MINIMUM     | C - No Discharge         |          | 01/30 - Monthly                | GR - GRAB   |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI | 35.0 30DA AVG   | C - No Discharge         |          | 01/30 - Monthly                | GR - GRAB   |
| 00890 | Iron, total recoverable                  | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI | 3500.0 30DA AVG | C - No Discharge         |          | 01/30 - Monthly                | GR - GRAB   |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI | 0.03 30DA AVG   | Req Mon DAILY MX         | 03 - MGD | 01/30 - Monthly                | IN - INSTAN |

Submission Note  
If a parameter row does not contain any values for the Sample, 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:

NPOLLOS1031  
Nicole Poules  
npoules@archsc.com  
2022-01-10 11:20 (Time Zone: -07:00)

Report Last Signed By  
User:  
Name:  
E-Mail:  
Date/Time:

JWILCZEK  
Jessica Wilczek  
jwilczek@archsc.com  
2022-01-12 05:11 (Time Zone: -07:00)





DMR Copy of Record

Permit  
Permit #: CO0038776  
Major: No

Permittee:  
Permittee Address:  
5174 Hwy 133  
Someset, CO 81434

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

Permitted Feature:  
012A  
External Outfall

Discharge:  
012A-W  
Acute Monthly WET Testing for 012A

Report Dates & Status  
Monitoring Period: From 12/01/21 to 12/31/21  
Considerations for Form Completion

DMR Due Date: 01/28/22

Status: NotDMR Validated

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

Form NODI:  
Code  
Parameter  
Monitoring Location  
Season #  
Param. NODI

Title:  
Telephone:

| Code  | Parameter             | Monitoring Location | Season # | Param. NODI | Quantity or Loading           |                  |             | Quantity or Concentration |             |                 | # of Ex.    | Frequency of Analysis | Sample Type |
|-------|-----------------------|---------------------|----------|-------------|-------------------------------|------------------|-------------|---------------------------|-------------|-----------------|-------------|-----------------------|-------------|
|       |                       |                     |          |             | Qualifier 1                   | Value 1          | Qualifier 2 | Value 2                   | Qualifier 3 | Value 3         |             |                       |             |
| 51484 | Number of Events      | 1 - Effluent Gross  | 0        | **          | Sample Permit Req. Value NODI | 100 30DA AVG     | <           | 3.0 MX 7D AV              | 5J - #      | C1/30 - Monthly | CA - CALCTD |                       |             |
| 81381 | Duration of discharge | 1 - Effluent Gross  | 0        | **          | Sample Permit Req. Value NODI | C - No Discharge | <           | 3.0 MX 7D AV              | SA - d      | C1/07 - 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:  
Name:  
E-Mail:  
Date/Time:  
Report Last Signed By

JWILCZEK  
Jessica Wilczek  
jwilczek@archsc.com  
2022-01-12 05:11 (Time Zone: -07:00)



DMR Copy of Record

| Permit #:                          | C00038778                                  | Permittee:          | Mountain Coal Co LLC                   | Facility:          | WEST ELK MINE                                   |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |
|------------------------------------|--------------------------------------------|---------------------|----------------------------------------|--------------------|-------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------|------------------|-----------------------|-------------|
| Major:                             | No                                         | Permittee Address:  | 5174 Hwy 133<br>Sommerset, CO 81434    | Facility Location: | Hwy 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |
| Permitted Feature:                 | 026<br>External Outfall                    | Discharge:          | 026-Q<br>Quarterly Monitoring for 026A |                    |                                                 |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |
| Report Dates & Status              |                                            |                     |                                        |                    |                                                 |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |
| Monitoring Period:                 | From 10/01/21 to 12/31/21                  | DMR Due Date:       | 01/28/22                               | Status:            | Not DMR Validated                               |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |
| Considerations for Form Completion |                                            |                     |                                        |                    |                                                 |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |
| Principal Executive Officer        |                                            | Title:              |                                        | Telephone:         |                                                 |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |
| First Name:                        |                                            |                     |                                        |                    |                                                 |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |
| Last Name:                         |                                            |                     |                                        |                    |                                                 |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |
| No Data Indicator (NOD)            |                                            |                     |                                        |                    |                                                 |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |
| Form NOD:                          |                                            |                     |                                        |                    |                                                 |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |
| Code                               | Parameter Name                             | Monitoring Location | Season #                               | Param. NOD         | Sample Permit Req.                              | Quantity or Loading<br>Qualifier 1 Value 1<br>Qualifier 2 Value 2<br>Units | Qualifier 1 Value 1<br>Qualifier 2 Value 2<br>Qualifier 3 Value 3 | Quality or Concentration<br>Qualifier 1 Value 1<br>Qualifier 2 Value 2<br>Qualifier 3 Value 3 | Units          | # of Ex.         | Frequency of Analysis | Sample Type |
| 00940                              | Chloride [as Cl]                           | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 830.0<br>Req Mon 30DA AVG                                                  |                                                                   | 830.0<br>Req Mon 30DA AVG                                                                     | 19 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 00978                              | Arsenic, total recoverable                 | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 24.0<br>Req Mon 30DA AVG                                                   |                                                                   | 24.0<br>Req Mon 30DA AVG                                                                      | 28 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 01056                              | Manganese, dissolved [as Mn]               | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 35.0<br>Req Mon 30DA AVG                                                   |                                                                   | 35.0<br>Req Mon 30DA AVG                                                                      | 28 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 01074                              | Nickel, total recoverable                  | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 84.0<br>Req Mon 30DA AVG                                                   |                                                                   | 84.0<br>Req Mon 30DA AVG                                                                      | 28 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 01114                              | Lead, total recoverable                    | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 55.0<br>Req Mon 30DA AVG                                                   |                                                                   | 55.0<br>Req Mon 30DA AVG                                                                      | 28 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 01118                              | Chromium, total recoverable                | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 140.0<br>Req Mon 30DA AVG                                                  |                                                                   | 140.0<br>Req Mon 30DA AVG                                                                     | 28 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 01303                              | Zinc, potentially dissolved                | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 28.0<br>Req Mon 30DA AVG                                                   |                                                                   | 28.0<br>Req Mon 30DA AVG                                                                      | 28 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 01306                              | Copper, potentially dissolved              | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 20.0<br>Req Mon 30DA AVG                                                   |                                                                   | 20.0<br>Req Mon 30DA AVG                                                                      | 28 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 01314                              | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 21.0<br>Req Mon 30DA AVG                                                   |                                                                   | 21.0<br>Req Mon 30DA AVG                                                                      | 28 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 01318                              | Lead, potentially dissolved                | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 2400.0<br>Req Mon 30DA AVG                                                 |                                                                   | 2400.0<br>Req Mon 30DA AVG                                                                    | 28 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 01319                              | Manganese, potentially dissolved           | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 25.0<br>Req Mon 30DA AVG                                                   |                                                                   | 25.0<br>Req Mon 30DA AVG                                                                      | 28 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 01322                              | Nickel, potentially dissolved              | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              | 3.0<br>Req Mon 30DA AVG                                                    |                                                                   | 3.0<br>Req Mon 30DA AVG                                                                       | 28 - ug/L<br>0 | 0190 - Quarterly | GR - GRAB             |             |
| 01323                              | Selenium, potentially dissolved            | 1 - Effluent Gross  | 0                                      | -                  | Sample Permit Req.                              |                                                                            |                                                                   |                                                                                               |                |                  |                       |             |

| Sample Permit Req.                             | Value MCOL           | Req Mon 30DA AVG | 28 - wpt   | 01990 - Quarterly | GR - GR9A |
|------------------------------------------------|----------------------|------------------|------------|-------------------|-----------|
| 04282 Chromium, trivalent total recoverable    | 1 - Effluent Cross 0 |                  | 28 - wpt 0 | 01990 - Quarterly | GR - GR9A |
| 50286 Mercury, total [low level]               | 1 - Effluent Cross 0 | 0.098            | 28 - wpt 0 | 01990 - Quarterly | GR - GR9A |
| 51202 Sulfide-hydrogen sulfide [undissociated] | 1 - Effluent Cross 0 | 0.05             | 19 - wpt 0 | 01990 - Quarterly | GR - GR9A |
| 81020 Sulfite                                  | 1 - Effluent Cross 0 | 94.0             | 19 - wpt 0 | 01990 - Quarterly | GR - GR9A |
| 82057 Boron, total                             | 1 - Effluent Cross 0 | 0.32             | 19 - wpt 0 | 01990 - Quarterly | GR - GR9A |

### 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:

Name: Nicole Poulos

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

Date/Time 2022-01-10 11:37 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

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

Date/Time: 2022-07-12 05:11 (Time Zone: -07:00)

DMR Copy of Record

Permit:  
Permit #: CO0038776  
Major: No  
Permitted Feature: 027  
External Outfall  
Report Dates & Status  
Monitoring Period: From 12/01/21 to 12/31/21  
Considerations for Form Completion

Permittee:  
Permittee Address: Mountain Coal Co LLC  
5174 Hwy 133  
Someset, CO 81434  
Discharge: 027-A  
Stormwater from Drainage Basin 49A2 to Sylvester Gulch  
DMR Due Date: 01/28/22  
Status: NetDMR Validated

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

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

Title:  
  
Telephone:

| Code  | Parameter Name                           | Monitoring Location | Season # | Param. NOD | Qualifier 1 | Value 1 | Quantity or Loading | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Quantity or Concentration                        | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units           | # of Ex.        | Frequency of Analysis | Sample Type |
|-------|------------------------------------------|---------------------|----------|------------|-------------|---------|---------------------|-------------|---------|-------|-------------|---------|--------------------------------------------------|-------------|---------|-------------|---------|-----------------|-----------------|-----------------------|-------------|
| 00400 | pH                                       | 1 - Effluent Gross  | 0        | --         |             |         |                     |             |         |       |             |         | Req Mon MINIMUM<br>C - No Discharge              |             |         |             |         |                 | 01/30 - Monthly | GR - GRA8             |             |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --         |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge             |             |         |             |         | 01/30 - Monthly | GR - GRA8       |                       |             |
| 00545 | Solids, settleable                       | 1 - Effluent Gross  | 0        | --         |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge             |             |         |             |         | 01/30 - Monthly | GR - GRA8       |                       |             |
| 00690 | Iron, total recoverable                  | 1 - Effluent Gross  | 0        | --         |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG<br>C - No Discharge             |             |         |             |         | 01/30 - Monthly | GR - GRA8       |                       |             |
| 50500 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --         |             |         |                     |             |         |       |             |         | Req Mon DAILY MX<br>03 - WGD<br>C - No Discharge |             |         |             |         | 01/30 - Monthly | IN - INSTAN     |                       |             |

Submission Note

If a parameter row does not contain any values for the Sample row, 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: NPOLLOS1031  
E-Mail: npollos@archsc.com  
Date/Time: 2022-01-10 11:39 (Time Zone -07:00)

Report Last Signed By  
User: JWLICZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archsc.com  
Date/Time: 2022-01-12 05:11 (Time Zone -07:00)



DMR Copy of Record

Permit:  
Permit #:  
Major:

CO0036776  
No

Permittee:  
Permittee Address:

Mountain Coal Co LLC  
5174 Hwy 133  
Sommerset, 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 10/01/21 to 12/31/21

DMR Due Date:

01/28/22

Status:

NetDMR Validated

Considerations for Form Completion

SEE ID 1, PP. 32-PC 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:  
No Data Indicator (NOD)

Title:  
Telephone:

Form NOD:

| Code | Parameter Name                               | Monitoring Location | Season & Param. NOD | Quantity or Loading |                     |                     | Quality or Concentration |                     |       | # of Ex. | Frequency of Analysis | Sample Type  |
|------|----------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------------|---------------------|-------|----------|-----------------------|--------------|
|      |                                              |                     |                     | Qualifier 1 Value 1 | Qualifier 2 Value 2 | Qualifier 1 Value 1 | Qualifier 2 Value 2      | Qualifier 3 Value 3 | Units |          |                       |              |
| TAMC | LC50 Static Renewal 48Hr Acute Daphnia magna | 1 - Effluent Gross  | 0                   |                     |                     | >=                  | 100.0 LM VALUE           | C - No Discharge    |       | 23 - %   | 01/30 - Quarterly     | G3 - GRA-B-3 |
| TANC | LC50 Static 96Hr Acute Pimephales            | 1 - Effluent Gross  | 0                   |                     |                     | >=                  | 100.0 LM VALUE           | C - No Discharge    |       | 23 - %   | 01/30 - Quarterly     | G3 - GRA-B-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:

NPOULOST031

Name:

Nicole Poules

E-Mail:

npoules@archsc.com

Date/Time:

2022-01-10 11:20 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

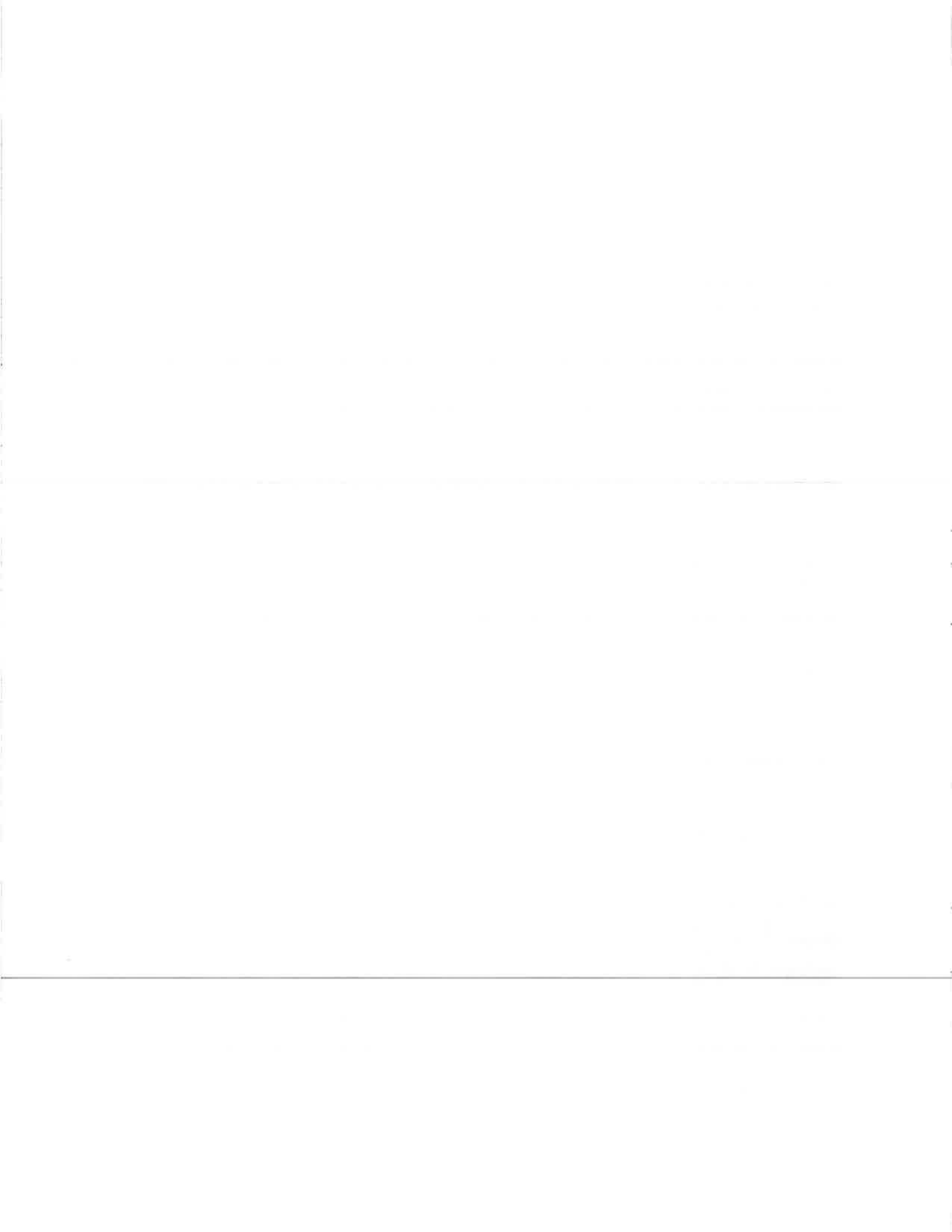
Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2022-01-12 05:11 (Time Zone: -07:00)





# DMR Copy of Record

## Permit

Permit #: CO0038776  
 Major: No

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

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

Permitted Feature: 026  
 External Outfall

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

Report Dates & Status: From 12/01/21 to 12/31/21

DMR Due Date: 01/28/22

Status:

NetDMR Validated

## Considerations for Form Completion

### Principal Executive Officer

First Name: \_\_\_\_\_ Title: \_\_\_\_\_  
 Last Name: \_\_\_\_\_  
 No Data Indicator (NODI): \_\_\_\_\_

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

| 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 |                           |                       |             |
| 00400 | pH                                       | 1 - Effluent Gross  | 0        | Sample Permit Req. Value NODI |                     |         |                          |         | Req Mon MINIMUM           |                       |             |
|       |                                          |                     |          |                               |                     |         |                          |         | C - No Discharge          |                       |             |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0        | Sample Permit Req. Value NODI |                     |         |                          |         | Req Mon 300A AVG          |                       |             |
|       |                                          |                     |          |                               |                     |         |                          |         | C - No Discharge          |                       |             |
| 00545 | Solids, settleable                       | 1 - Effluent Gross  | 0        | Sample Permit Req. Value NODI |                     |         |                          |         | Req Mon 300A AVG          |                       |             |
|       |                                          |                     |          |                               |                     |         |                          |         | C - No Discharge          |                       |             |
| 00990 | Iron, total recoverable                  | 1 - Effluent Gross  | 0        | Sample Permit Req. Value NODI |                     |         |                          |         | Req Mon 300A AVG          |                       |             |
|       |                                          |                     |          |                               |                     |         |                          |         | C - No Discharge          |                       |             |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | Sample Permit Req. Value NODI |                     |         |                          |         | Req Mon DAILY MX 03 - MGD |                       |             |
|       |                                          |                     |          |                               |                     |         |                          |         | 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@archsc.com

Date/Time: 2022-01-10 11:38 (Time Zone: -07:00)

### Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archsc.com

Date/Time: 2022-01-12 05:11 (Time Zone: -07:00)



DMR Copy of Record

| Permit #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                            | CO0038776               |        | Permittee:                                   |                                                                          | Mountain Coal Co LLC                                                  |                                             |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
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-|--------------------|---|----|------------------------------------|---------------------------|---------------------------------------------|-------|-----------------------------|--------------------|---|----|------------------------------------|---------------------------|---------------------------------------------|-------|-------------------------------|--------------------|---|----|------------------------------------|--------------------------|---------------------------------------------|-------|--------------------------------------------|--------------------|---|----|------------------------------------|--------------------------|---------------------------------------------|-------|-----------------------------|--------------------|---|----|------------------------------------|--------------------------|---------------------------------------------|-------|----------------------------------|--------------------|---|----|------------------------------------|----------------------------|---------------------------------------------|-------|-------------------------------|--------------------|---|----|------------------------------------|--------------------------|---------------------------------------------|-------|---------------------------------|--------------------|---|----|------------------------------------|-------------------------|---------------------------------------------|
| Major:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                            | No                      |        | Permittee Address:                           |                                                                          | 5174 Hwy 133<br>Somerford, CO 81434                                   |                                             |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| Permitted Feature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                            | 025<br>External Outfall |        | Discharge:                                   |                                                                          | 025-Q<br>Quarterly Monitoring for 025A                                |                                             |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| Report Dates & Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                            |                         |        | Monitoring Period: From 10/01/21 to 12/31/21 |                                                                          |                                                                       |                                             |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| Considerations for Form Completion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                            |                         |        | DMR Due Date:                                |                                                                          | 01/28/22                                                              |                                             |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| Principal Executive Officer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| Last Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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| Form NODI:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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     |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| <table><thead><tr><th>Code</th><th>Parameter Name</th><th>Monitoring Location</th><th>Season</th><th>Param NODI</th><th>Quantity of Loading<br/>Quantity 1 Value 1<br/>Quantity 2 Value 2<br/>Units</th><th>Quality or Concentration<br/>Value 2<br/>Quantity 3<br/>Value 3<br/>Units</th><th># of the Frequency of Analysis Sample Type</th></tr></thead><tbody><tr><td>00940</td><td>Chloride [as Cl]</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>820.0<br/>Req Mon 30DA AVG</td><td>19 - mg/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>00978</td><td>Arsenic, total recoverable</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>32.0<br/>Req Mon 30DA AVG</td><td>20 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>01056</td><td>Manganese, dissolved [as Mn]</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>39.0<br/>Req Mon 30DA AVG</td><td>28 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>01074</td><td>Nickel, total recoverable</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>120.0<br/>Req Mon 30DA AVG</td><td>28 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>01114</td><td>Lead, total recoverable</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>90.0<br/>Req Mon 30DA AVG</td><td>28 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>01118</td><td>Chromium, total recoverable</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>220.0<br/>Req Mon 30DA AVG</td><td>28 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>01303</td><td>Zinc, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>220.0<br/>Req Mon 30DA AVG</td><td>28 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>01306</td><td>Copper, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>44.0<br/>Req Mon 30DA AVG</td><td>28 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>01314</td><td>Chromium, trivalent, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>20.0<br/>Req Mon 30DA AVG</td><td>28 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>01318</td><td>Lead, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>33.0<br/>Req Mon 30DA AVG</td><td>28 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>01319</td><td>Manganese, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>4000.0<br/>Req Mon 30DA AVG</td><td>28 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>01322</td><td>Nickel, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>39.0<br/>Req Mon 30DA AVG</td><td>28 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr><tr><td>01323</td><td>Selenium, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>--</td><td>Sample<br/>Permit Req<br/>Value MODI</td><td>2.8<br/>Req Mon 30DA AVG</td><td>28 - ug/L<br/>01/90 - Quarterly<br/>GR - GRAB</td></tr></tbody></table> |                                            |                         |        |                                              |                                                                          |                                                                       |                                             | Code | Parameter Name | Monitoring Location | Season | Param NODI | Quantity of Loading<br>Quantity 1 Value 1<br>Quantity 2 Value 2<br>Units | Quality or Concentration<br>Value 2<br>Quantity 3<br>Value 3<br>Units | # of the Frequency of Analysis Sample Type | 00940 | Chloride [as Cl] | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 820.0<br>Req Mon 30DA AVG | 19 - mg/L<br>01/90 - Quarterly<br>GR - GRAB | 00978 | Arsenic, total recoverable | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 32.0<br>Req Mon 30DA AVG | 20 - ug/L<br>01/90 - Quarterly<br>GR - GRAB | 01056 | Manganese, dissolved [as Mn] | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 39.0<br>Req Mon 30DA AVG | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB | 01074 | Nickel, total recoverable | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 120.0<br>Req Mon 30DA AVG | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB | 01114 | Lead, total recoverable | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 90.0<br>Req Mon 30DA AVG | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB | 01118 | Chromium, total recoverable | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 220.0<br>Req Mon 30DA AVG | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB | 01303 | Zinc, potentially dissolved | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 220.0<br>Req Mon 30DA AVG | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB | 01306 | Copper, potentially dissolved | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 44.0<br>Req Mon 30DA AVG | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB | 01314 | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 20.0<br>Req Mon 30DA AVG | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB | 01318 | Lead, potentially dissolved | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 33.0<br>Req Mon 30DA AVG | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB | 01319 | Manganese, potentially dissolved | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 4000.0<br>Req Mon 30DA AVG | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB | 01322 | Nickel, potentially dissolved | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 39.0<br>Req Mon 30DA AVG | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB | 01323 | Selenium, potentially dissolved | 1 - Effluent Gross | 0 | -- | Sample<br>Permit Req<br>Value MODI | 2.8<br>Req Mon 30DA AVG | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |
| Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Parameter Name                             | Monitoring Location     | Season | Param NODI                                   | Quantity of Loading<br>Quantity 1 Value 1<br>Quantity 2 Value 2<br>Units | Quality or Concentration<br>Value 2<br>Quantity 3<br>Value 3<br>Units | # of the Frequency of Analysis Sample Type  |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 00940                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Chloride [as Cl]                           | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 820.0<br>Req Mon 30DA AVG                                             | 19 - mg/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 00978                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Arsenic, total recoverable                 | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 32.0<br>Req Mon 30DA AVG                                              | 20 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 01056                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Manganese, dissolved [as Mn]               | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 39.0<br>Req Mon 30DA AVG                                              | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 01074                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Nickel, total recoverable                  | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 120.0<br>Req Mon 30DA AVG                                             | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 01114                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead, total recoverable                    | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 90.0<br>Req Mon 30DA AVG                                              | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 01118                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Chromium, total recoverable                | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 220.0<br>Req Mon 30DA AVG                                             | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 01303                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Zinc, potentially dissolved                | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 220.0<br>Req Mon 30DA AVG                                             | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 01306                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Copper, potentially dissolved              | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 44.0<br>Req Mon 30DA AVG                                              | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 01314                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 20.0<br>Req Mon 30DA AVG                                              | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 01318                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead, potentially dissolved                | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 33.0<br>Req Mon 30DA AVG                                              | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 01319                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Manganese, potentially dissolved           | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 4000.0<br>Req Mon 30DA AVG                                            | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 01322                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Nickel, potentially dissolved              | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 39.0<br>Req Mon 30DA AVG                                              | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |
| 01323                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Selenium, potentially dissolved            | 1 - Effluent Gross      | 0      | --                                           | Sample<br>Permit Req<br>Value MODI                                       | 2.8<br>Req Mon 30DA AVG                                               | 28 - ug/L<br>01/90 - Quarterly<br>GR - GRAB |      |                |                     |        |            |                                                                          |                                                                       |                                            |       |                  |                    |   |    |                                    |                           |                                             |       |                            |                    |   |    |                                    |                          |                                             |       |                              |                    |   |    |                                    |                          |                                             |       |                           |                    |   |    |                                    |                           |                                             |       |                         |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                             |                    |   |    |                                    |                           |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                            |                    |   |    |                                    |                          |                                             |       |                             |                    |   |    |                                    |                          |                                             |       |                                  |                    |   |    |                                    |                            |                                             |       |                               |                    |   |    |                                    |                          |                                             |       |                                 |                    |   |    |                                    |                         |                                             |

|       |                                          |                    |   |    |                               |  |  |  |                  |           |                   |           |
|-------|------------------------------------------|--------------------|---|----|-------------------------------|--|--|--|------------------|-----------|-------------------|-----------|
| 04262 | Chromium, trivalent total recoverable    | 1 - Effluent Gross | 0 | -- | Sample Permit Req. Value NOOI |  |  |  | 90.0             | 28 - ug/L | 01/90 - Quarterly | GR - GRAB |
|       |                                          |                    |   |    |                               |  |  |  | Req Mon DAILY MX | 28 - ug/L | 0                 |           |
| 50286 | Mercury, total [flow level]              | 1 - Effluent Gross | 0 | -- | Sample Permit Req. Value NOOI |  |  |  | 0.12             | 28 - ug/L | 01/90 - Quarterly | GR - GRAB |
|       |                                          |                    |   |    |                               |  |  |  | Req Mon 30DA AVG | 28 - ug/L | 0                 |           |
| 51202 | Sulfide-hydrogen sulfide [undissociated] | 1 - Effluent Gross | 0 | -- | Sample Permit Req. Value NOOI |  |  |  | 0.05             | 19 - mg/L | 01/90 - Quarterly | GR - GRAB |
|       |                                          |                    |   |    |                               |  |  |  | Req Mon 30DA AVG | 19 - mg/L | 0                 |           |
| 81020 | Sulfate                                  | 1 - Effluent Gross | 0 | -- | Sample Permit Req. Value NOOI |  |  |  | 80.0             | 19 - mg/L | 01/90 - Quarterly | GR - GRAB |
|       |                                          |                    |   |    |                               |  |  |  | Req Mon 30DA AVG | 19 - mg/L | 0                 |           |
| 82057 | Boron, total                             | 1 - Effluent Gross | 0 | -- | Sample Permit Req. Value NOOI |  |  |  | 1.0              | 19 - mg/L | 01/90 - Quarterly | GR - GRAB |
|       |                                          |                    |   |    |                               |  |  |  | Req Mon 30DA AVG | 19 - mg/L | 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 errors.

#### Attachments

No attachments.

#### Report Last Saved By

Mountain Coal Co LLC

User:

NPOULOS1031

Name:

Nicole Poulos

E-Mail:

npoulos@archrsc.com

Date/Time

2022-01-10 11:38 (Time Zone: -07:00)

#### Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time

2022-01-12 05:11 (Time Zone: -07:00)

# 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>                 | 025<br>External Outfall   | <b>Discharge:</b>         | 025-A<br>Stormwater from Drainage Basin 49A5 to Sylvester Gulch |                           |                                                |
| <b>Report Dates &amp; Status</b>          | From 12/01/21 to 12/31/21 | <b>DMR Due Date:</b>      | 01/26/22                                                        | <b>Status:</b>            | NetDMR Validated                               |
| <b>Monitoring Period:</b>                 | From 12/01/21 to 12/31/21 |                           |                                                                 |                           |                                                |
| <b>Considerations for Form Completion</b> |                           |                           |                                                                 |                           |                                                |

|                                    |               |                   |
|------------------------------------|---------------|-------------------|
| <b>Principal Executive Officer</b> | <b>Title:</b> | <b>Telephone:</b> |
| First Name:                        |               |                   |
| Last Name:                         |               |                   |
| No Data Indicator (NOD)            |               |                   |
| Form NOD:                          |               |                   |

| Code  | Parameter Name                           | Monitoring Location          | Season | Param. NOD | Quantity or Loading |         | Quantity of Concentration |         | # of Ex. Frequency of Analysis | Sample Type |             |
|-------|------------------------------------------|------------------------------|--------|------------|---------------------|---------|---------------------------|---------|--------------------------------|-------------|-------------|
|       |                                          |                              |        |            | Qualifier 1         | Value 1 | Qualifier 2               | Value 2 |                                |             | Qualifier 1 |
| 00400 | pH                                       | 1 - Effluent Gross           | 0      |            |                     |         |                           |         |                                |             |             |
|       |                                          | Sample Permit Req. Value NOD |        |            |                     |         |                           |         |                                |             |             |
|       |                                          |                              |        |            |                     |         |                           |         |                                |             |             |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross           | 0      |            |                     |         |                           |         |                                |             |             |
|       |                                          | Sample Permit Req. Value NOD |        |            |                     |         |                           |         |                                |             |             |
|       |                                          |                              |        |            |                     |         |                           |         |                                |             |             |
| 00545 | Solids, settleable                       | 1 - Effluent Gross           | 0      |            |                     |         |                           |         |                                |             |             |
|       |                                          | Sample Permit Req. Value NOD |        |            |                     |         |                           |         |                                |             |             |
|       |                                          |                              |        |            |                     |         |                           |         |                                |             |             |
| 00590 | Iron, total recoverable                  | 1 - Effluent Gross           | 0      |            |                     |         |                           |         |                                |             |             |
|       |                                          | Sample Permit Req. Value NOD |        |            |                     |         |                           |         |                                |             |             |
|       |                                          |                              |        |            |                     |         |                           |         |                                |             |             |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross           | 0      |            |                     |         |                           |         |                                |             |             |
|       |                                          | Sample Permit Req. Value NOD |        |            |                     |         |                           |         |                                |             |             |
|       |                                          |                              |        |            |                     |         |                           |         |                                |             |             |

**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:**  
NPOLLOS1031

**Name:**  
Nicole Poulos

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

**Date/Time:**  
2022-01-10 11:36 (Time Zone: -07:00)

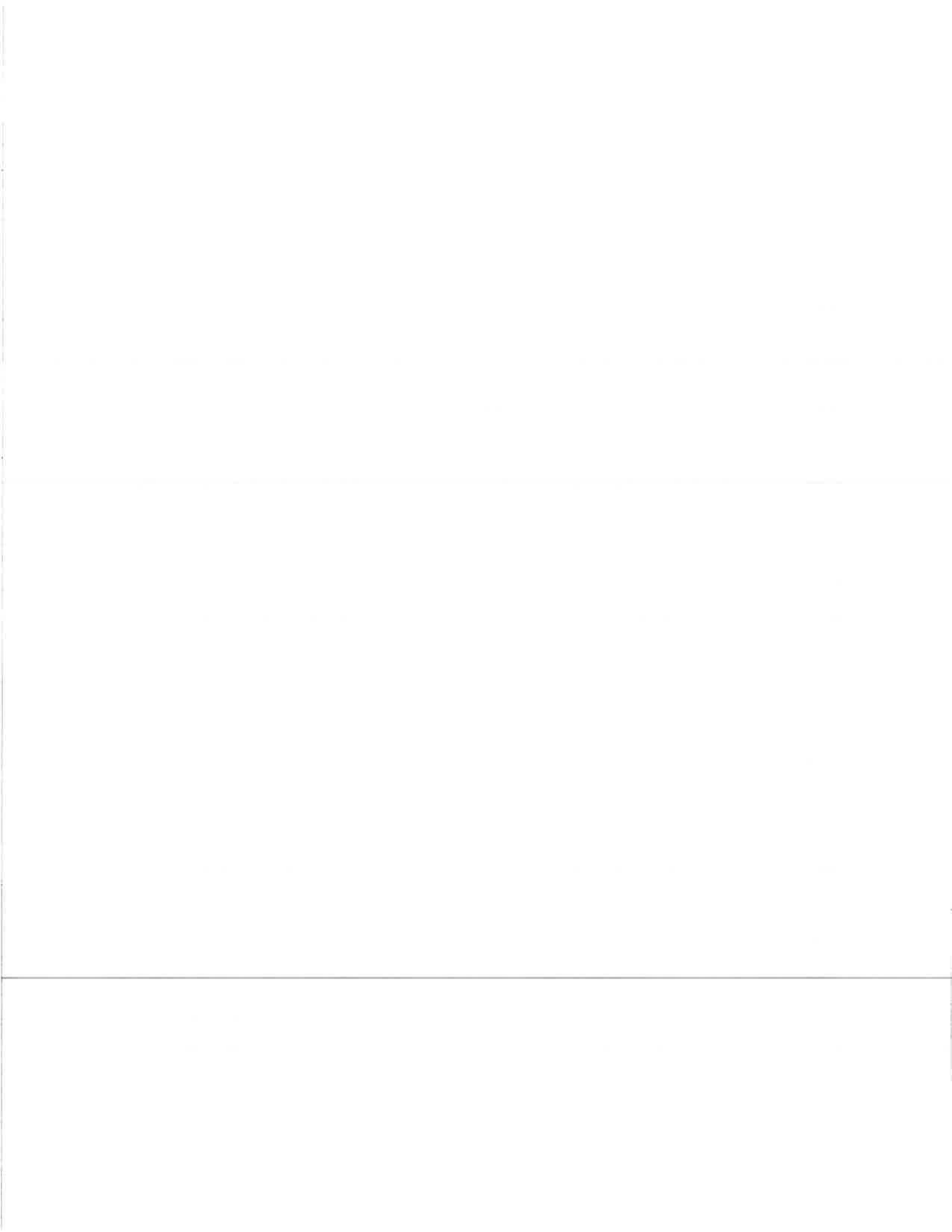
**Report Last Signed By**  
JWILCZEK

**User:**  
Jessica Wilczek

**Name:**  
Jessica Wilczek

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

**Date/Time:**  
2022-01-12 05:11 (Time Zone: -07:00)



DMR Copy of Record

Permit #:  
Major:  
Permitted Feature:  
Report Dates & Status  
Monitoring Period:  
Considerations for Form Completion  
Principal Executive Officer  
First Name:  
Last Name:  
No Data Indicator (NOD):  
Form NOD:

CO0038776  
No  
017  
External Outfall  
From 10/01/21 to 12/31/21  
Quarterly monitoring - see Appendix B, #35, pg 64.  
Principal Executive Officer  
First Name:  
Last Name:  
No Data Indicator (NOD):  
Form NOD:

Permittee:  
Permittee Address:  
Discharge:  
DMR Due Date:  
Status:  
NeedDMR Validated

Mountain Coal Co LLC  
5174 Hwy 133  
Somerston, CO 81434  
017-A  
Quarterly Monitoring for 017A  
01/28/22  
NeedDMR Validated

Title:  
Telephone:

| Code  | Parameter Name          | Monitoring Location | Season | Param. NOD | Sample Permit Recd. | Quantity or Loading |         |             | Quality or Concentration |             |         | Units | # of Ex. | Frequency of Analysis | Sample Type |  |
|-------|-------------------------|---------------------|--------|------------|---------------------|---------------------|---------|-------------|--------------------------|-------------|---------|-------|----------|-----------------------|-------------|--|
|       |                         |                     |        |            |                     | Qualifier 1         | Value 1 | Qualifier 2 | Value 2                  | Qualifier 3 | Value 3 |       |          |                       |             |  |
| 70295 | Solids, total dissolved | 1 - Effluent        | Cross  | 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:**

NPOLU.OST031

**Name:**

Nicole Poulos

**E-Mail:**

npoulos@archtsc.com

**Date/Time:**

2022-01-10 11:21 (Time Zone: -07:00)

**Report Last Signed By**

User:

JWL/CZEK

**Name:**

Jessica Wilczek

**E-Mail:**

jwilczek@archtsc.com

**Date/Time:**

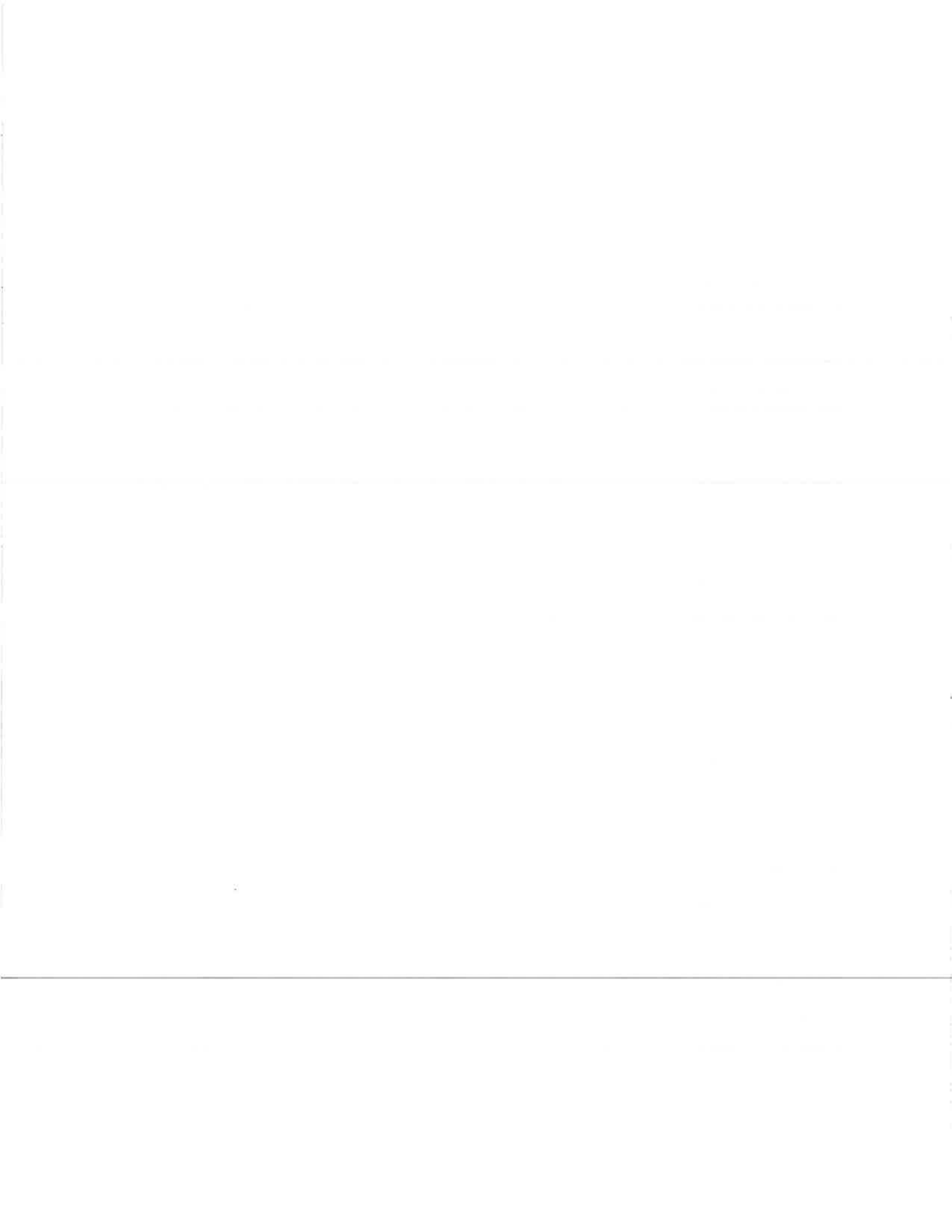
2022-01-12 05:11 (Time Zone: -07:00)





## DMR Copy of Record

|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  |                         |  |                                                 |  |
|-----------------------------|--|-------------------------|--|------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------|--|-------------------------------------------------|--|
| Permit #:                   |  | C00036776               |  | 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-W<br>Acute WET Testing for 017A                                                                                                                                                       |  |                         |  |                                                 |  |
| Report Dates & Status       |  |                         |  | Monitoring Period:                 |  | From 10/01/21 to 12/31/21                                                                                                                                                                 |  | DMR Due Date:           |  | 01/28/22                                        |  |
|                             |  |                         |  | Considerations for Form Completion |  | SEE ID.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. |  | Status:                 |  | NEIDMR Validated                                |  |
| Principal Executive Officer |  |                         |  | First Name:                        |  |                                                                                                                                                                                           |  | Title:                  |  | Telephone:                                      |  |
| Last Name:                  |  |                         |  | No Data Indicator (NODI)           |  |                                                                                                                                                                                           |  |                         |  |                                                 |  |
| Form NODI:                  |  |                         |  |                                    |  |                                                                                                                                                                                           |  |                         |  |                                                 |  |
| Code                        |  | Parameter Name          |  | Monitoring Location                |  | Season & Param. NODI                                                                                                                                                                      |  | Quantity or Loading     |  | Quality or Concentration                        |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | 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                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 11 Value 11   |  | Qualifier 12 Value 12                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 13 Value 13   |  | Qualifier 14 Value 14                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 15 Value 15   |  | Qualifier 16 Value 16                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 17 Value 17   |  | Qualifier 18 Value 18                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 19 Value 19   |  | Qualifier 20 Value 20                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 21 Value 21   |  | Qualifier 22 Value 22                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 23 Value 23   |  | Qualifier 24 Value 24                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 25 Value 25   |  | Qualifier 26 Value 26                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 27 Value 27   |  | Qualifier 28 Value 28                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 29 Value 29   |  | Qualifier 30 Value 30                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 31 Value 31   |  | Qualifier 32 Value 32                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 33 Value 33   |  | Qualifier 34 Value 34                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 35 Value 35   |  | Qualifier 36 Value 36                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 37 Value 37   |  | Qualifier 38 Value 38                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 39 Value 39   |  | Qualifier 40 Value 40                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 41 Value 41   |  | Qualifier 42 Value 42                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 43 Value 43   |  | Qualifier 44 Value 44                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 45 Value 45   |  | Qualifier 46 Value 46                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 47 Value 47   |  | Qualifier 48 Value 48                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 49 Value 49   |  | Qualifier 50 Value 50                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 51 Value 51   |  | Qualifier 52 Value 52                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 53 Value 53   |  | Qualifier 54 Value 54                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 55 Value 55   |  | Qualifier 56 Value 56                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 57 Value 57   |  | Qualifier 58 Value 58                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 59 Value 59   |  | Qualifier 60 Value 60                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 61 Value 61   |  | Qualifier 62 Value 62                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 63 Value 63   |  | Qualifier 64 Value 64                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 65 Value 65   |  | Qualifier 66 Value 66                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 67 Value 67   |  | Qualifier 68 Value 68                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 69 Value 69   |  | Qualifier 70 Value 70                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 71 Value 71   |  | Qualifier 72 Value 72                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 73 Value 73   |  | Qualifier 74 Value 74                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 75 Value 75   |  | Qualifier 76 Value 76                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 77 Value 77   |  | Qualifier 78 Value 78                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 79 Value 79   |  | Qualifier 80 Value 80                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 81 Value 81   |  | Qualifier 82 Value 82                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 83 Value 83   |  | Qualifier 84 Value 84                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 85 Value 85   |  | Qualifier 86 Value 86                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 87 Value 87   |  | Qualifier 88 Value 88                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 89 Value 89   |  | Qualifier 90 Value 90                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 91 Value 91   |  | Qualifier 92 Value 92                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 93 Value 93   |  | Qualifier 94 Value 94                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 95 Value 95   |  | Qualifier 96 Value 96                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 97 Value 97   |  | Qualifier 98 Value 98                           |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 99 Value 99   |  | Qualifier 100 Value 100                         |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 101 Value 101 |  | Qualifier 102 Value 102                         |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 103 Value 103 |  | Qualifier 104 Value 104                         |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  | Qualifier 105 Value 105 |  | Qualifier 106 Value 106                         |  |
|                             |  |                         |  |                                    |  |                                                                                                                                                                                           |  |                         |  |                                                 |  |



## DMR Copy of Record

|                                              |                       |                                              |                                 |                                                                                                                        |                                                                                                                              |                                                                                                                                   |                    |
|----------------------------------------------|-----------------------|----------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>Permit</b>                                |                       | <b>Permittee:</b>                            |                                 | <b>Facility:</b>                                                                                                       |                                                                                                                              |                                                                                                                                   |                    |
| Permit #:                                    | CO0038776             | Permittee Address:                           |                                 | WEST ELK MINE                                                                                                          |                                                                                                                              |                                                                                                                                   |                    |
| Major:                                       | No                    | 5174 Hwy 133<br>Somerset, CO 81434           |                                 | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434                                                                        |                                                                                                                              |                                                                                                                                   |                    |
| <b>Permitted Feature:</b>                    |                       | <b>Discharge:</b>                            |                                 |                                                                                                                        |                                                                                                                              |                                                                                                                                   |                    |
| 017A<br>External Outfall                     |                       | 017A-W<br>Acute Monthly WET Testing for 017A |                                 |                                                                                                                        |                                                                                                                              |                                                                                                                                   |                    |
| <b>Report Dates &amp; Status</b>             |                       | <b>DMR Due Date:</b>                         |                                 | <b>Status:</b>                                                                                                         |                                                                                                                              |                                                                                                                                   |                    |
| Monitoring Period: From 12/01/21 to 12/31/21 |                       | 01/28/22                                     |                                 | Not DMR Validated                                                                                                      |                                                                                                                              |                                                                                                                                   |                    |
| <b>Considerations for Form Completion</b>    |                       |                                              |                                 |                                                                                                                        |                                                                                                                              |                                                                                                                                   |                    |
| <b>Principal/Executive Officer</b>           |                       |                                              |                                 |                                                                                                                        |                                                                                                                              |                                                                                                                                   |                    |
| First Name:                                  |                       | Title:                                       |                                 | Telephone:                                                                                                             |                                                                                                                              |                                                                                                                                   |                    |
| Last Name:                                   |                       |                                              |                                 |                                                                                                                        |                                                                                                                              |                                                                                                                                   |                    |
| No Data Indicator (NODI)                     |                       |                                              |                                 |                                                                                                                        |                                                                                                                              |                                                                                                                                   |                    |
| Form NODI: -                                 |                       |                                              |                                 |                                                                                                                        |                                                                                                                              |                                                                                                                                   |                    |
| <b>Code</b>                                  | <b>Parameter Name</b> | <b>Monitoring Location</b>                   | <b>Season &amp; Param. NODI</b> | <b>Quantity or Loading</b><br>Qualifier 1 Value 1<br>Qualifier 2 Value 2<br>Qualifier 1 Value 1<br>Qualifier 2 Value 2 | <b>Quantity or Concentration</b><br>Qualifier 3 Value 3<br>Qualifier 4 Value 4<br>Qualifier 1 Value 1<br>Qualifier 2 Value 2 | <b># of Ex. Frequency of Analysis</b><br>Qualifier 5 Value 5<br>Qualifier 6 Value 6<br>Qualifier 1 Value 1<br>Qualifier 2 Value 2 | <b>Sample Type</b> |
| 51484                                        | Number of Events      | 1 - Effluent Gross                           | 0                               | 10.0 30DA AVG                                                                                                          | 3.0 7 DA AVG                                                                                                                 | 5J - #                                                                                                                            | CA - CALCTD        |
| 61381                                        | Duration of discharge | 1 - Effluent Gross                           | 0                               | C - No Discharge                                                                                                       | C - No Discharge                                                                                                             | 5A - d                                                                                                                            | 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:** NPOLLOS1031

**Name:** Nicole Poulos

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

**Date/Time:** 2022-01-10 11:22 (Time Zone: -07:00)

**Report Last Signed By**

**User:** JWILCZEK

**Name:** Jessica Wilczek

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

**Date/Time:** 2022-01-12 05:11 (Time Zone: -07:00)



# DMR Copy of Record

## Permit

Permit #: C00036776  
Major: No

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

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

Permitted Feature: 034 External Outfall  
Discharge: 034A  
Comingled Discharge of Outfall 033 and from Drainage Basin 43B and 43C to Sylvester Gulch

Report Dates & Status  
Monitoring Period: From 12/01/21 to 12/31/21  
DMR Due Date: 01/28/22

Status: NotDMR Validated

## Principal Executive Officer

First Name:   
Last Name:   
Title:   
Telephone:   
Form NODI:   
No Data Indicator (NODI)

| Code  | Parameter Name                           | Monitoring Location Season # Param. NODI | Quantity or Loading           |                                | Quantity or Concentration                  |         | Quantity or Concentration         |         | # of Ex. Frequency of Analyte Sample Type |
|-------|------------------------------------------|------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------|---------|-----------------------------------|---------|-------------------------------------------|
|       |                                          |                                          | Qualifier 1                   | Value 1                        | Qualifier 2                                | Value 2 | Qualifier 3                       | Value 3 |                                           |
| 00400 | pH                                       | 1 - Effluent Gross                       | Sample Permit Req. Value NODI |                                |                                            |         | Req Mon MINIMUM C - No Discharge  |         | 01/20 - Monthly GR - GRAB                 |
| 00980 | Iron, total recoverable                  | 1 - Effluent Gross                       | Sample Permit Req. Value NODI |                                |                                            |         | Req Mon MAXIMUM C - No Discharge  |         | 01/20 - Monthly GR - GRAB                 |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross                       | Sample Permit Req. Value NODI | 0.39 30DA AVG C - No Discharge | Req Mon DAILY MX 03 - MGD C - No Discharge |         | Req Mon 30DA AVG C - No Discharge |         | 01/20 - 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: 2022-01-10 12:33 (Time Zone: -07:00)

## Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archsc.com

Date/Time: 2022-01-12 05:11 (Time Zone: -07:00)



# 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>Someraset, CO 81434                 | <b>Facility Location:</b> | HWY 133 E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Permitted Feature:</b>                 | 033<br>Internal Outfall   | <b>Discharge:</b>         | 033-A<br>Stormwater from Drainage Basin 43D and 43E |                           |                                                |
| <b>Report Dates &amp; Status</b>          |                           |                           |                                                     |                           |                                                |
| <b>Monitoring Period:</b>                 | From 12/01/21 to 12/31/21 | <b>DMR Due Date:</b>      | 01/28/22                                            | <b>Status:</b>            | NetDMR Validated                               |
| <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>                  |  |               |  |                   |  |
| <b>No Data Indicator (NOD)</b>     |  |               |  |                   |  |
| <b>Form NOD:</b>                   |  |               |  |                   |  |

| Code  | Parameter Name                           | Monitoring Location | Season | # Param NOD | Quantity of Loading          |                                                | Quantity of Concentration |         | # of Ex. | Frequency of Analysis | Sample Type                    |
|-------|------------------------------------------|---------------------|--------|-------------|------------------------------|------------------------------------------------|---------------------------|---------|----------|-----------------------|--------------------------------|
|       |                                          |                     |        |             | Qualifier 1                  | Value 1                                        | Qualifier 2               | Value 2 |          |                       |                                |
| 0040D | pH                                       | 1 - Effluent Gross  | 0      |             | Sample Permit Req. Value NOD |                                                |                           |         |          |                       |                                |
|       |                                          |                     |        |             |                              | Req Mon MINIMUM<br>C - No Discharge            |                           |         |          |                       | 01/30 - Monthly<br>GR - GRAB   |
| 0053D | Solids, total suspended                  | 1 - Effluent Gross  | 0      |             | Sample Permit Req. Value NOD |                                                |                           |         |          |                       |                                |
|       |                                          |                     |        |             |                              | Req Mon 30DA AVG<br>C - No Discharge           |                           |         |          |                       | 01/30 - Monthly<br>GR - GRAB   |
| 0054S | Solids, settleable                       | 1 - Effluent Gross  | 0      |             | Sample Permit Req. Value NOD |                                                |                           |         |          |                       |                                |
|       |                                          |                     |        |             |                              | Req Mon 30DA AVG<br>C - No Discharge           |                           |         |          |                       | 01/30 - Monthly<br>GR - GRAB   |
| 0098D | Iron, total recoverable                  | 1 - Effluent Gross  | 0      |             | Sample Permit Req. Value NOD |                                                |                           |         |          |                       |                                |
|       |                                          |                     |        |             |                              | Req Mon DAILY MX 25 - mg/L<br>C - No Discharge |                           |         |          |                       | 01/30 - Monthly<br>GR - GRAB   |
| 5005D | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0      |             | Sample Permit Req. Value NOD |                                                |                           |         |          |                       |                                |
|       |                                          |                     |        |             |                              | 0.54 30DA AVG<br>C - No Discharge              |                           |         |          |                       | 01/30 - Monthly<br>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:**  
NPOLLOS1031

**Name:**  
Nicole Pollos

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

**Date/Time:**  
2022-01-10 12:31 (Time Zone: -07:00)

**Report Last Signed By**

**User:**  
JWILCZEK

**Name:**  
Jessica Wilczek

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

**Date/Time:**  
2022-01-12 05:11 (Time Zone: -07:00)





DMR Copy of Record

|                                    |                                            |                                              |                     |                                                                          |                                                                  |                                        |                                            |
|------------------------------------|--------------------------------------------|----------------------------------------------|---------------------|--------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------|--------------------------------------------|
| Permit #:                          |                                            | CO0038778                                    |                     | Permittee:                                                               |                                                                  | Mountain Coal Co LLC                   |                                            |
| Major:                             |                                            | No                                           |                     | Permittee Address:                                                       |                                                                  | 5174 Hwy 133<br>Somerset, CO 81434     |                                            |
| Permitted Feature:                 |                                            | 030<br>External Outfall                      |                     | Discharge:                                                               |                                                                  | 030-Q<br>Quarterly Monitoring for 030A |                                            |
| Report Dates & Status              |                                            | Monitoring Period: From 10/01/21 to 12/31/21 |                     | DMR Due Date:                                                            |                                                                  | 01/28/22                               |                                            |
| Considerations for Form Completion |                                            |                                              |                     | Status:                                                                  |                                                                  | NEIDMR Validated                       |                                            |
| Principal Executive Officer        |                                            |                                              |                     | Title:                                                                   |                                                                  |                                        |                                            |
| First Name:                        |                                            |                                              |                     | Telephone:                                                               |                                                                  |                                        |                                            |
| Last Name:                         |                                            |                                              |                     |                                                                          |                                                                  |                                        |                                            |
| No Data Indicator (NOD)            |                                            |                                              |                     |                                                                          |                                                                  |                                        |                                            |
| Form NOD:                          |                                            |                                              |                     |                                                                          |                                                                  |                                        |                                            |
| Code                               | Parameter Name                             | Monitoring Location                          | Season & Param. NOD | Quantity of Loading<br>Quantity 1 Value 1<br>Quantity 2 Value 2<br>Units | Quantity of Concentration<br>Value 1<br>Value 2<br>Concentration | Units                                  | # of the Frequency of Analysis Sample Type |
| 00940                              | Chloride [as Cl]                           | 1 - Effluent Gross                           | 0                   | 470.0<br>Req Mon 30DA AVG                                                | 19 - mg/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 00978                              | Arsenic, total recoverable                 | 1 - Effluent Gross                           | 0                   | 3.4<br>Req Mon 30DA AVG                                                  | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 01056                              | Manganese, dissolved [as Mn]               | 1 - Effluent Gross                           | 0                   | 260.0<br>Req Mon 30DA AVG                                                | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 01074                              | Nickel, total recoverable                  | 1 - Effluent Gross                           | 0                   | 9.9<br>Req Mon 30DA AVG                                                  | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 01114                              | Lead, total recoverable                    | 1 - Effluent Gross                           | 0                   | 6.6<br>Req Mon 30DA AVG                                                  | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 01118                              | Chromium, total recoverable                | 1 - Effluent Gross                           | 0                   | 28.0<br>Req Mon 30DA AVG                                                 | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 01303                              | Zinc, potentially dissolved                | 1 - Effluent Gross                           | 0                   | 4.9<br>Req Mon 30DA AVG                                                  | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 01306                              | Copper, potentially dissolved              | 1 - Effluent Gross                           | 0                   | 4.9<br>Req Mon 30DA AVG                                                  | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 01314                              | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross                           | 0                   | 20.8<br>Req Mon 30DA AVG                                                 | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 01318                              | Lead, potentially dissolved                | 1 - Effluent Gross                           | 0                   | 4.7<br>Req Mon 30DA AVG                                                  | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 01319                              | Manganese, potentially dissolved           | 1 - Effluent Gross                           | 0                   | 260.0<br>Req Mon 30DA AVG                                                | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 01322                              | Nickel, potentially dissolved              | 1 - Effluent Gross                           | 0                   | 3.8<br>Req Mon 30DA AVG                                                  | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |
| 01323                              | Selenium, potentially dissolved            | 1 - Effluent Gross                           | 0                   | 2.3<br>Req Mon 30DA AVG                                                  | 28 - ug/L<br>0                                                   | 01/90 - Quarterly                      | GR - GRAB                                  |

|       |                                          |                    |   |                               |  |      |                   |           |   |                 |           |
|-------|------------------------------------------|--------------------|---|-------------------------------|--|------|-------------------|-----------|---|-----------------|-----------|
| 04262 | Chromium, trivalent total recoverable    | 1 - Effluent Gross | 0 | Sample Permit Req. Value NOOI |  | 20.0 | Req Mon DAILY MAX | 28 - ug/L | 0 | 0190 - Quantity | GR - GPAB |
| 50286 | Mercury, total [low level]               | 1 - Effluent Gross | 0 | Sample Permit Req. Value NOOI |  | 0.2  | Req Mon 30DA AVG  | 28 - ug/L | 0 | 0190 - Quantity | GR - GPAB |
| 51202 | Sulfide-hydrogen sulfide [undissociated] | 1 - Effluent Gross | 0 | Sample Permit Req. Value NOOI |  | 0.05 | Req Mon 30DA AVG  | 19 - mg/L | 0 | 0190 - Quantity | GR - GPAB |
| 61020 | Sulfate                                  | 1 - Effluent Gross | 0 | Sample Permit Req. Value NOOI |  | 77.0 | Req Mon 30DA AVG  | 19 - mg/L | 0 | 0190 - Quantity | GR - GPAB |
| 82057 | Boron, total                             | 1 - Effluent Gross | 0 | Sample Permit Req. Value NOOI |  | 0.74 | Req Mon 30DA AVG  | 19 - mg/L | 0 | 0190 - Quantity | GR - GPAB |

#### 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

TDS=190mg/L

#### Attachments

No attachments

#### Report Last Saved By

Mountain Coal Co LLC

#### User:

NPOULOS1031

#### Name:

Nicole Poulos

#### E-Mail:

npoulos@archisc.com

#### Date/Time:

2022-01-10 12:08 (Time Zone: -07:00)

#### Report Last Signed By

#### User:

JWILCZEK

#### Name:

Jessica Wilczek

#### E-Mail:

jwilczek@archisc.com

#### Date/Time:

2022-01-12 08:11 (Time Zone: -07:00)

# DMR Copy of Record

|                                           |                           |                           |                                                                         |
|-------------------------------------------|---------------------------|---------------------------|-------------------------------------------------------------------------|
| <b>Permit #:</b>                          | CO0038776                 | <b>Permittee:</b>         | Mountain Coal Co LLC                                                    |
| <b>Major:</b>                             | No                        | <b>Permittee Address:</b> | 5174 Hwy 133<br>Someset, 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>Report Dates &amp; Status</b>          | From 12/01/21 to 12/31/21 | <b>DMR Due Date:</b>      | 01/28/22                                                                |
| <b>Monitoring Period:</b>                 | From 12/01/21 to 12/31/21 | <b>Status:</b>            | NotDMR Validated                                                        |
| <b>Considerations for Form Completion</b> |                           |                           |                                                                         |

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

| Code  | Parameter Name                           | Monitoring Location | Season of Param. MOD | Sample Permit Req. Value MOD | Quantity or Loading |                  | Quality of Concentration |         | Units | # of Req. Frequency of Analysis | Sample Type |
|-------|------------------------------------------|---------------------|----------------------|------------------------------|---------------------|------------------|--------------------------|---------|-------|---------------------------------|-------------|
|       |                                          |                     |                      |                              | Qualifier 1         | Value 1          | Qualifier 2              | Value 2 |       |                                 |             |
| 00400 | pH                                       | 1 - Effluent Gross  | 0                    | -                            |                     |                  |                          |         |       |                                 | GR - GRAB   |
|       |                                          |                     |                      |                              | Req Mon MINIMUM     | C - No Discharge |                          |         |       |                                 |             |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0                    | -                            |                     |                  |                          |         |       |                                 | GR - GRAB   |
|       |                                          |                     |                      |                              | Req Mon 30DA AVG    | C - No Discharge |                          |         |       |                                 |             |
| 00545 | Solids, settleable                       | 1 - Effluent Gross  | 0                    | -                            |                     |                  |                          |         |       |                                 | GR - GRAB   |
|       |                                          |                     |                      |                              | Req Mon 30DA AVG    | C - No Discharge |                          |         |       |                                 |             |
| 00580 | Iron, total recoverable                  | 1 - Effluent Gross  | 0                    | -                            |                     |                  |                          |         |       |                                 | GR - GRAB   |
|       |                                          |                     |                      |                              | Req Mon 30DA AVG    | C - No Discharge |                          |         |       |                                 |             |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0                    | -                            |                     |                  |                          |         |       |                                 | IN - INSTAN |
|       |                                          |                     |                      |                              | Req Mon 30DA AVG    | C - No Discharge |                          |         |       |                                 |             |

**Submission Note**  
If a parameter row does not contain any values for the Sample not 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@arctinc.com  
Date/Time: 2022-01-10 12:06 (Time Zone: -07:00)

**Report Last Signed By**  
User: JMWLCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@arctinc.com  
Date/Time: 2022-01-12 05:11 (Time Zone: -07:00)



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

**Permitted Feature:** 030 External Outfall **Discharge:** 030-A Stormwater from Drainage Basins 46B1 and 46B2 to Sylvester Gulch

|                                           |                                                     |                               |                                 |
|-------------------------------------------|-----------------------------------------------------|-------------------------------|---------------------------------|
| <b>Report Dates &amp; Status</b>          | <b>Monitoring Period:</b> From 12/01/21 to 12/31/21 | <b>DMR Due Date:</b> 01/28/22 | <b>Status:</b> NetDMR Validated |
| <b>Considerations for Form Completion</b> |                                                     |                               |                                 |

**Principal Executive Officer**

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

| Code  | Parameter Name                           | Monitoring Location Season & Param. MOD | Sample Permit Req. Value MOD | Quantity at Loading |               | Quality at Concentration          |         | Units                     | # of Ex. Frequency of Analysis | Sample Type |
|-------|------------------------------------------|-----------------------------------------|------------------------------|---------------------|---------------|-----------------------------------|---------|---------------------------|--------------------------------|-------------|
|       |                                          |                                         |                              | Qualifier 1         | Value 1       | Qualifier 2                       | Value 2 |                           |                                |             |
| 00400 | pH                                       | 1 - Effluent Gross 0                    | Sample Permit Req. Value MOD |                     |               | Req Mon MINIMUM C - No Discharge  |         | Req Mon MAXIMUM 12 - SU   | 0130 - Monthly                 | GR - GRAB   |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross 0                    | Sample Permit Req. Value MOD |                     |               | Req Mon 30DA AVG C - No Discharge |         | Req Mon DAILY MX 19 - n/L | 0130 - Monthly                 | GR - GRAB   |
| 00545 | Solids, settleable                       | 1 - Effluent Gross 0                    | Sample Permit Req. Value MOD |                     |               | Req Mon 30DA AVG C - No Discharge |         | Req Mon DAILY MX 25 - n/L | 0130 - Monthly                 | GR - GRAB   |
| 00980 | Iron, total recoverable                  | 1 - Effluent Gross 0                    | Sample Permit Req. Value MOD |                     |               | Req Mon 30DA AVG C - No Discharge |         | Req Mon DAILY MX 28 - u/L | 0130 - Monthly                 | GR - GRAB   |
| 50050 | Flow, in conditl or thru treatment plant | 1 - Effluent Gross 0                    | Sample Permit Req. Value MOD |                     | 0.07 30DA AVG |                                   |         | 03 - MOD                  | 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:** 2022-01-10 12:01 (Time Zone: -07:00)

**Report Last Signed By**

**User:** JWILCZEK

**Name:** Jessica Wilczek

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

**Date/Time:** 2022-01-12 05:11 (Time Zone: -07:00)



DMR Copy of Record

|                                                  |  |                           |  |                                                                               |  |                                        |  |
|--------------------------------------------------|--|---------------------------|--|-------------------------------------------------------------------------------|--|----------------------------------------|--|
| Permit #:                                        |  | C00038776                 |  | Permittee:                                                                    |  | Mountain Coal Co LLC                   |  |
| Major:                                           |  | No                        |  | Permittee Address:                                                            |  | 5174 Hwy 133<br>Somerset, CO 81434     |  |
| Permitted Feature:                               |  | 027<br>External Outfall   |  | Discharge:                                                                    |  | 027-Q<br>Quarterly Monitoring for 027A |  |
| Report Dates & Status                            |  | From 10/01/21 to 12/31/21 |  | DMR Due Date:                                                                 |  | 01/26/22                               |  |
| Monitoring Period:                               |  | From 10/01/21 to 12/31/21 |  | Status:                                                                       |  | NeldMR Validated                       |  |
| Considerations for Form Completion               |  |                           |  |                                                                               |  |                                        |  |
| Principal Executive Officer                      |  |                           |  | Title:                                                                        |  |                                        |  |
| First Name:                                      |  |                           |  | Telephone:                                                                    |  |                                        |  |
| Last Name:                                       |  |                           |  |                                                                               |  |                                        |  |
| No Data Indicator (NOD)                          |  |                           |  |                                                                               |  |                                        |  |
| Form NOD:                                        |  |                           |  |                                                                               |  |                                        |  |
| Code                                             |  |                           |  | Parameter Name                                                                |  |                                        |  |
| Monitoring Location                              |  |                           |  | Season & Param. NOD                                                           |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Loading                                                           |  |                                        |  |
| Value NOD                                        |  |                           |  | Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 |  |                                        |  |
| 00940 Chloride [as Cl]                           |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 00978 Arsenic, total recoverable                 |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 01056 Manganese, dissolved [as Mn]               |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 01074 Nickel, total recoverable                  |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 01114 Lead, total recoverable                    |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 01118 Chromium, total recoverable                |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 01303 Zinc, potentially dissolved                |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 01306 Copper, potentially dissolved              |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 01314 Chromium, trivalent, potentially dissolved |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 01318 Lead, potentially dissolved                |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 01319 Manganese, potentially dissolved           |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 01322 Nickel, potentially dissolved              |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |
| 01323 Selenium, potentially dissolved            |  |                           |  | 1 - Effluent Gross 0                                                          |  |                                        |  |
| Sample Permit Reg.                               |  |                           |  | Quantity of Concentration                                                     |  |                                        |  |
| Value NOD                                        |  |                           |  | Value 2 Qualifier 3 Value 3 Units                                             |  |                                        |  |



|       |                                          |                    |   |    |                               |  |                  |           |                  |           |
|-------|------------------------------------------|--------------------|---|----|-------------------------------|--|------------------|-----------|------------------|-----------|
| 04262 | Chromium, trivalent total recoverable    | 1 - Effluent Gross | 0 | == | Sample Permit Req. Value NOOI |  | 80.0             | 28 - ug/L | 01/50 - Quantity | GR - GPAB |
|       |                                          |                    |   |    |                               |  | Req Mon DAILY MX | 28 - ug/L | 0                |           |
| 50286 | Mercury, total [low level]               | 1 - Effluent Gross | 0 | == | Sample Permit Req. Value NOOI |  | 0.13             | 28 - ug/L | 01/50 - Quantity | GR - GPAB |
|       |                                          |                    |   |    |                               |  | Req Mon 30DA AVG | 28 - ug/L | 0                |           |
| 51202 | Sulfide-hydrogen sulfide [undissociated] | 1 - Effluent Gross | 0 | == | Sample Permit Req. Value NOOI |  | 0.05             | 19 - mg/L | 01/50 - Quantity | GR - GPAB |
|       |                                          |                    |   |    |                               |  | Req Mon 30DA AVG | 19 - mg/L | 0                |           |
| 81020 | Sulfate                                  | 1 - Effluent Gross | 0 | == | Sample Permit Req. Value NOOI |  | 58.0             | 19 - mg/L | 01/50 - Quantity | GR - GPAB |
|       |                                          |                    |   |    |                               |  | Req Mon 30DA AVG | 19 - mg/L | 0                |           |
| 82057 | Boron, total                             | 1 - Effluent Gross | 0 | == | Sample Permit Req. Value NOOI |  | 0.78             | 19 - mg/L | 01/50 - Quantity | GR - GPAB |
|       |                                          |                    |   |    |                               |  | Req Mon 30DA AVG | 19 - mg/L | 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

#### Attachments

No attachments

#### Report Last Saved By

Mountain Coal Co LLC

User:

NPoulos1031

Name:

Nicole Poulos

E-Mail:

npoulos@archsc.com

Date/Time:

2022-01-10 11:43 (Time Zone: -07:00)

#### Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2022-01-12 05:11 (Time Zone: -07:00)



# DMR Copy of Record

|                                                                                                                                      |  |                                                                                                                                                                 |                                                |                                                                                                             |  |
|--------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--|
| <b>Permit #:</b> C00038776<br><b>Major:</b> No<br><b>Permitted Feature:</b> 035 External Outfall                                     |  | <b>Permittee:</b> Mountain Coal Co LLC<br><b>Permittee Address:</b> 5174 Hwy 133<br>Somerset, CO 81434<br><b>Discharge:</b> 035-Q Quarterly Monitoring for 035A |                                                | <b>Facility:</b> WEST ELK MINE<br><b>Facility Location:</b> HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |  |
| <b>Report Dates &amp; Status</b><br><b>Monitoring Period:</b> From 10/01/21 to 12/31/21<br><b>Considerations for Form Completion</b> |  | <b>DMR Due Date:</b> 01/28/22<br><b>Status:</b> NotDMR Validated                                                                                                |                                                |                                                                                                             |  |
| <b>Principal Executive Officer</b><br><b>First Name:</b> _____<br><b>Last Name:</b> _____<br><b>No Data Indicator (NOD):</b> ____    |  |                                                                                                                                                                 | <b>Title:</b> _____<br><b>Telephone:</b> _____ |                                                                                                             |  |

| Code  | Parameter Name                             | Monitoring Location | Reason # | Param. NOD | Quantity or Loading          |                 |       | Quality or Concentration   |                 |       | Units     | # of Ex. | Frequency of Analysis | Sample Type |
|-------|--------------------------------------------|---------------------|----------|------------|------------------------------|-----------------|-------|----------------------------|-----------------|-------|-----------|----------|-----------------------|-------------|
|       |                                            |                     |          |            | Quarter 1 Value              | Quarter 2 Value | Units | Quarter 1 Value            | Quarter 2 Value | Units |           |          |                       |             |
| 00940 | Chloride [as Cl]                           | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD | 300.0           |       | Req Mon 300A AVG           |                 |       | 19 - mg/L | 0        | 0190 - Quarterly      | GR - GRAB   |
| 00978 | Arsenic, total recoverable                 | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD |                 |       | Req Mon 300A AVG           |                 |       | 28 - ug/L | 0        | 0190 - Quarterly      | GR - GRAB   |
| 01056 | Manganese, dissolved [as Mn]               | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD | 100.0           |       | Req Mon 300A AVG           |                 |       | 28 - ug/L | 0        | 0190 - Quarterly      | GR - GRAB   |
| 01074 | Nickel, total recoverable                  | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD | 13.0            |       | Req Mon 300A AVG           |                 |       | 28 - ug/L | 0        | 0190 - Quarterly      | GR - GRAB   |
| 01114 | Lead, total recoverable                    | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD |                 |       | 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 NOD | 7.2             |       | Req Mon 300A AVG           |                 |       | 28 - ug/L | 0        | 0190 - Quarterly      | GR - GRAB   |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD | 63.0            |       | Req Mon 300A AVG           |                 |       | 28 - ug/L | 0        | 0190 - Quarterly      | GR - GRAB   |
| 01306 | Copper, potentially dissolved              | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD | 6.7             |       | Req Mon 300A AVG           |                 |       | 28 - ug/L | 0        | 0190 - Quarterly      | GR - GRAB   |
| 01314 | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD | 20.0            |       | Req Mon 300A AVG           |                 |       | 28 - ug/L | 0        | 0190 - Quarterly      | GR - GRAB   |
| 01318 | Lead, potentially dissolved                | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD | 8.4             |       | Req Mon 300A AVG           |                 |       | 28 - ug/L | 0        | 0190 - Quarterly      | GR - GRAB   |
| 01319 | Manganese, potentially dissolved           | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD | 380.0           |       | Req Mon 300A AVG           |                 |       | 28 - ug/L | 0        | 0190 - Quarterly      | GR - GRAB   |
| 01322 | Nickel, potentially dissolved              | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD | 6.2             |       | Req Mon 300A AVG           |                 |       | 28 - ug/L | 0        | 0190 - Quarterly      | GR - GRAB   |
| 01323 | Selenium, potentially dissolved            | 1 - Effluent Gross  | 0        | --         | Sample Permit Req. Value NOD | 6.0             |       | Req Mon 300A AVG           |                 |       | 28 - ug/L | 0        | 0190 - Quarterly      | GR - GRAB   |

|       |                                          |                    |   |   |                              |  |  |      |                            |   |           |                  |           |
|-------|------------------------------------------|--------------------|---|---|------------------------------|--|--|------|----------------------------|---|-----------|------------------|-----------|
| 04632 | Chromium, trivalent total recoverable    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value MOD |  |  | 20.0 | Req Mon DAILY MX 28 - ug/L | 0 | 28 - ug/L | 0190 - Quarterly | GR - GPAB |
| 50286 | Mercury, total [low level]               | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value MOD |  |  | 0.2  | Req Mon 30DA AVG           |   | 28 - ug/L | 0190 - Quarterly | GR - GPAB |
| 51202 | Sulfide-hydrogen sulfide [undissociated] | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value MOD |  |  | 0.05 | Req Mon 30DA AVG           |   | 19 - mg/L | 0190 - Quarterly | GR - GPAB |
| 81020 | Sulfate                                  | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value MOD |  |  | 42.0 | Req Mon 30DA AVG           |   | 19 - mg/L | 0190 - Quarterly | GR - GPAB |
| 82057 | Boron, total                             | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value MOD |  |  | 0.34 | Req Mon 30DA AVG           |   | 19 - mg/L | 0190 - Quarterly | GR - GPAB |

#### 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@garchsc.com

Date/Time

2022-01-10 12:53 (Time Zone: -07:00)

#### Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@garchsc.com

Date/Time:

2022-01-12 06:11 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: C00038776

Major: No

Permitted Feature: 300 Influent Structure

Report Dates & Status

Monitoring Period: From 12/01/21 to 12/31/21

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NOD)

Form NOD:

Code

Parameter Name

Monitoring Location

Season # Param. NOD

Sample Permit Req.

Qualifier 1

Value 1

Quantity or Loading

Qualifier 2

Value 2

Units

Qualifier 1 Value 1

Qualifier 2

Quantity of Concentration

Qualifier 3

Value 3

Units

# of Ex. Frequency of Analysis

Sample Type

00180 Plant capacity fact, percent of capacity

Q - See Comments

0

Sample Permit Req.

Value NOD

0.04

Req Mon 30DA AVG

0.04

28 - lbs/d

Req Mon MX 7D AV 28 - lbs/d

16.3

Req Mon 30DA AVG

16.3

Req Mon MX 7D AV 19 - mg/L

19 - mg/L

0

01/20 - Monthly

01/20 - Monthly

CA - CALCTD

CA - CALCTD

00180 Plant capacity fact, percent of capacity

P - See Comments

0

Sample Permit Req.

Value NOD

0.04

Req Mon 30DA AVG

0.04

28 - lbs/d

Req Mon MX 7D AV 28 - lbs/d

16.3

Req Mon 30DA AVG

16.3

Req Mon MX 7D AV 19 - mg/L

19 - mg/L

0

01/20 - Monthly

01/20 - Monthly

CP - COMPOS

CP - COMPOS

00310 BOD 5-day, 20 deg. C

G - Raw Sewage Influent

0

Sample Permit Req.

Value NOD

0.04

Req Mon 30DA AVG

0.04

28 - lbs/d

Req Mon MX 7D AV 28 - lbs/d

16.3

Req Mon 30DA AVG

16.3

Req Mon MX 7D AV 19 - mg/L

19 - mg/L

0

01/20 - Monthly

01/20 - Monthly

CP - COMPOS

CP - COMPOS

00530 Solids, total suspended

G - Raw Sewage Influent

0

Sample Permit Req.

Value NOD

0.04

Req Mon 30DA AVG

0.04

28 - lbs/d

Req Mon MX 7D AV 28 - lbs/d

16.3

Req Mon 30DA AVG

16.3

Req Mon MX 7D AV 19 - mg/L

19 - mg/L

0

01/20 - Monthly

01/20 - Monthly

CP - COMPOS

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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

Permittee:

Permittee Address:

Discharge:

Influent Measurements

DMR Due Date:

01/28/22

Status:

Not DMR Validated

Title:

Telephone:

Facility:

Facility Location:

Mountain Coal Co LLC

5174 Hwy 133

Somersel, CO 81434

300-4

Influent Measurements

DMR Due Date:

01/28/22

Status:

Not DMR Validated

Title:

Telephone:

WEST ELK MINE

Hwy 133, E OF TOWN

GUNNISON COUNTY, CO 81434



DMR Copy of Record

Permit

Permit #: C00038776  
Major: No

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

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

Permitted Feature: 035 External Outfall

Discharge: 035-A  
Stormwater Runoff from Train Loadout Area to N. Fork of Gunnison River

Report Dates & Status

Monitoring Period: From 12/01/21 to 12/31/21  
Considerations for Form Completion

DMR Due Date: 01/28/22

Status:

NetDMR Validated

Principal Executive Officer

First Name: | Title:  
Last Name: |  
No Date Indicator (NOD) |

Telephone:

Form NOD:

| Code  | Parameter Name                           | Monitoring Location | Season & Param. NOD | Quantity or Loading          |                               | Quality or Concentration                   |         | # of Ex. Frequency of Analysis | Sample Type  |
|-------|------------------------------------------|---------------------|---------------------|------------------------------|-------------------------------|--------------------------------------------|---------|--------------------------------|--------------|
|       |                                          |                     |                     | Qualifier 1                  | Value 1                       | Qualifier 2                                | Value 2 |                                |              |
| 00400 | pH                                       | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NOD |                               | Req Mon MINIMUM C - No Discharge           |         |                                |              |
|       |                                          |                     |                     |                              |                               |                                            |         |                                | GR - GRAB    |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NOD |                               | Req Mon 30DA AVG C - No Discharge          |         |                                |              |
|       |                                          |                     |                     |                              |                               |                                            |         |                                | GR - GRAB    |
| 00980 | Iron, total recoverable                  | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NOD |                               | Req Mon 30DA AVG C - No Discharge          |         |                                |              |
|       |                                          |                     |                     |                              |                               |                                            |         |                                | GR - GRAB    |
| 50500 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0                   | Sample Permit Req. Value NOD | 1.3 30DA AVG C - No Discharge | Req Mon DAILY MX 03 - MGD C - No Discharge |         |                                |              |
|       |                                          |                     |                     |                              |                               |                                            |         |                                | 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@archisc.com

Date/Time:

2022-01-10 12:37 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archisc.com

Date/Time:

2022-01-12 05:11 (Time Zone: -07:00)



# DMR Copy of Record

|                                                                                                                                                                                                                                               |                           |                           |                                           |                           |                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------|-------------------------------------------|---------------------------|-------------------------------------------------|
| <b>Permit</b>                                                                                                                                                                                                                                 | C00038776                 | <b>Permittee:</b>         | Mountain Coal Co. LLC                     | <b>Facility:</b>          | WEST ELK MINE                                   |
| <b>Permit #:</b>                                                                                                                                                                                                                              | No                        | <b>Permittee Address:</b> | 5174 Hwy 133<br>Sommerset, CO 81434       | <b>Facility Location:</b> | HWY 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| <b>Major:</b>                                                                                                                                                                                                                                 |                           | <b>Discharge:</b>         | 009-AA<br>Subscol Stockpile Runoff (MB-5) |                           |                                                 |
| <b>Permitted Feature:</b>                                                                                                                                                                                                                     | 009<br>External Outfall   |                           |                                           |                           |                                                 |
| <b>Report Dates &amp; Status</b>                                                                                                                                                                                                              | From 12/01/21 to 12/31/21 | <b>DMR Due Date:</b>      | 01/26/22                                  | <b>Status:</b>            | NetDMR Validated                                |
| <b>Monitoring Period:</b>                                                                                                                                                                                                                     |                           |                           |                                           |                           |                                                 |
| <b>Considerations for Farm Completion</b>                                                                                                                                                                                                     |                           |                           |                                           |                           |                                                 |
| TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR/24HR PRECIP EVENTS -SEE PG. 16 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD. OIL AND GREASE- SEE I.C.A. |                           |                           |                                           |                           |                                                 |
| <b>Principal Executive Officer</b>                                                                                                                                                                                                            |                           | <b>Title:</b>             |                                           | <b>Telephone:</b>         |                                                 |
| <b>First Name:</b>                                                                                                                                                                                                                            |                           |                           |                                           |                           |                                                 |
| <b>Last Name:</b>                                                                                                                                                                                                                             |                           |                           |                                           |                           |                                                 |
| <b>No Data Indicator (NODI)</b>                                                                                                                                                                                                               |                           |                           |                                           |                           |                                                 |
| <b>Form NODI:</b>                                                                                                                                                                                                                             |                           |                           |                                           |                           |                                                 |

| Code  | Parameter Name               | Monitoring Location | Season & Param. NODI | Sample      |            | Quantity or Loading |         | Quality or Concentration |         | # of Ex. Frequency of Analysis | Sample Type |             |                                    |
|-------|------------------------------|---------------------|----------------------|-------------|------------|---------------------|---------|--------------------------|---------|--------------------------------|-------------|-------------|------------------------------------|
|       |                              |                     |                      | Permit Req. | Value NODI | Qualifier 1         | Value 1 | Qualifier 2              | Value 2 |                                |             | Qualifier 1 | Value 1                            |
| 00094 | Conductivity                 | 1 - Effluent Gross  | 0                    | Sample      |            |                     |         | Perf Mon 30DA AVG        |         |                                |             | 75 -dS/m    | 0230 - Twice Per Month GR - GRAB   |
|       |                              |                     |                      | Permit Req. |            |                     |         | C - No Discharge         |         |                                |             |             |                                    |
| 00400 | pH                           | 1 - Effluent Gross  | 0                    | Sample      |            |                     |         | 6.5 MINIMUM              |         |                                |             | 12 - SU     | 0120 - Monthly GR - GRAB           |
|       |                              |                     |                      | Permit Req. |            |                     |         | C - No Discharge         |         |                                |             |             |                                    |
| 00440 | Bicarbonate ion- [as HCO3]   | 1 - Effluent Gross  | 0                    | Sample      |            |                     |         | Req Mon 30DA AVG         |         |                                |             | 19 - mg/L   | 0230 - Twice Per Month GR - GRAB   |
|       |                              |                     |                      | Permit Req. |            |                     |         | C - No Discharge         |         |                                |             |             |                                    |
| 00530 | Solids, total suspended      | 1 - Effluent Gross  | 0                    | Sample      |            |                     |         | 35.0 30DA AVG            |         |                                |             | 19 - mg/L   | 0120 - Monthly GR - GRAB           |
|       |                              |                     |                      | Permit Req. |            |                     |         | C - No Discharge         |         |                                |             |             |                                    |
| 00540 | Nitrogen, inorganic total    | 1 - Effluent Gross  | 0                    | Sample      |            |                     |         | 652.0 DAILY MX           |         |                                |             | 19 - mg/L   | 0230 - Twice Per Month GR - GRAB   |
|       |                              |                     |                      | Permit Req. |            |                     |         | C - No Discharge         |         |                                |             |             |                                    |
| 00918 | Calcium, total recoverable   | 1 - Effluent Gross  | 0                    | Sample      |            |                     |         | Req Mon 30DA AVG         |         |                                |             | 19 - mg/L   | 0230 - Twice Per Month GR - GRAB   |
|       |                              |                     |                      | Permit Req. |            |                     |         | 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   |
|       |                              |                     |                      | Permit Req. |            |                     |         | 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   |
|       |                              |                     |                      | Permit Req. |            |                     |         | C - No Discharge         |         |                                |             |             |                                    |
| 00931 | Sodium adsorption ratio      | EG - Effluent Gross | 0                    | Sample      |            |                     |         | Req Mon 30DA AVG         |         |                                |             | Ratio       | 0230 - Twice Per Month CA - CALCTD |
|       |                              |                     |                      | Permit Req. |            |                     |         | C - No Discharge         |         |                                |             |             |                                    |
| 00931 | Sodium adsorption ratio      | P - See Comments    | 0                    | Sample      |            |                     |         | Req Mon 30DA AVG         |         |                                |             | Ratio       | 0230 - Twice Per Month CA - CALCTD |
|       |                              |                     |                      | Permit Req. |            |                     |         | 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   |
|       |                              |                     |                      | Permit Req. |            |                     |         | 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   |
|       |                              |                     |                      | Permit Req. |            |                     |         | C - No Discharge         |         |                                |             |             |                                    |
| 00990 | Iron, total recoverable      | 1 - Effluent Gross  | 0                    | Sample      |            |                     |         | 3000 P 30DA AVG          |         |                                |             | 28 - ug/L   | 0120 - Monthly GR - GRAB           |
|       |                              |                     |                      | Permit Req. |            |                     |         | C - No Discharge         |         |                                |             |             |                                    |



|                                                  |                    |   |   |                               |                                |                                            |              |                                   |
|--------------------------------------------------|--------------------|---|---|-------------------------------|--------------------------------|--------------------------------------------|--------------|-----------------------------------|
| 01046 Iron, dissolved [as Fe]                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | <=                             | 3297.0 30DA AVG C - No Discharge           | 28 - ug/L    | 02/20 - Twice Per Month 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    | 02/20 - Twice Per Month GR - GRAB |
| 01074 Nickel, total recoverable                  | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon 30DA AVG C - No Discharge          | 28 - ug/L    | 02/20 - Twice Per Month GR - GRAB |
| 01114 Lead, total recoverable                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon DAILY MX C - No Discharge          | 28 - ug/L    | 02/20 - Twice Per Month GR - GRAB |
| 01116 Chromium, total recoverable                | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon 30DA AVG C - No Discharge          | 28 - ug/L    | 02/20 - Twice Per Month GR - GRAB |
| 01303 Zinc, potentially dissolved                | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon 30DA AVG C - No Discharge          | 28 - ug/L    | 02/20 - 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          | 28 - ug/L    | 02/20 - 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          | 28 - ug/L    | 02/20 - Twice Per Month GR - GRAB |
| 01318 Lead, potentially dissolved                | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon 30DA AVG C - No Discharge          | 28 - ug/L    | 02/20 - Twice Per Month GR - GRAB |
| 01319 Manganese, potentially dissolved           | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon 30DA AVG C - No Discharge          | 28 - ug/L    | 02/20 - Twice Per Month GR - GRAB |
| 01322 Nickel, potentially dissolved              | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon 30DA AVG C - No Discharge          | 28 - ug/L    | 02/20 - Twice Per Month GR - GRAB |
| 01323 Selenium, potentially dissolved            | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon 30DA AVG C - No Discharge          | 28 - ug/L    | 02/20 - Twice Per Month GR - GRAB |
| 03592 Oil and grease                             | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | <=                             | 10.0 INST MAX C - No Discharge             | 19 - mg/L    | 7/7/77 - Contingent GR - GRAB     |
| 04262 Chromium, trivalent total recoverable      | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon DAILY MX C - No Discharge          | 28 - ug/L    | 02/20 - Twice Per Month GR - GRAB |
| 50050 Flow, in conduit or thru treatment plant   | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | 0.23 30DA AVG C - No Discharge | Req Mon DAILY MX 03 - MGD C - No Discharge |              | 01/20 - Monthly IN - INSTAN       |
| 50060 Chlorine, total residual                   | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | <=                             | 0.5 INST MAX C - No Discharge              | 19 - mg/L    | 01/20 - Monthly GR - GRAB         |
| 50286 Mercury, total [low level]                 | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon 30DA AVG C - No Discharge          | 28 - ug/L    | 02/20 - Twice Per Month GR - GRAB |
| 51040 E. coli                                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI | <=                             | 2000.0 30DA GM C - No Discharge            | 13 - #/100mL | 02/20 - Twice Per Month GR - GRAB |
| 51202 Sulfide-hydrogen sulfide [undissociated]   | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon 30DA AVG C - No Discharge          | 19 - mg/L    | 02/20 - Twice Per Month GR - GRAB |
| 61020 Sulfate                                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODI |                                | Req Mon 30DA AVG C - No Discharge          | 19 - mg/L    | 02/20 - Twice Per Month GR - GRAB |



|       |                       |                    |   |    |                               |                                                      |                |                                  |
|-------|-----------------------|--------------------|---|----|-------------------------------|------------------------------------------------------|----------------|----------------------------------|
| 82057 | Boron, total          | 1 - Effluent Gross | 0 | -- | Sample Permit Req: Value NOOI | Req Mon 30DA AVG C - No Discharge                    | 19 - mgl       | 0230 - Twice Per Month OR - CRAB |
| 84066 | Oil and grease visual | 1 - Effluent Gross | 0 | -- | Sample Permit Req: Value NOOI | Req Mon INST MAX AB - abet=0,grat=1 C - No Discharge | 0120 - Monthly | VI - VISUAL                      |

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:

NPOULOS1031

Name: Nicole Poulos

E-Mail: npoulos@archsc.com

Date/Time: 2022-01-10 11:18 (Time Zone: -07:00)

Report Last Signed By

JWILCZEK

User: Jessica Wilczek

Name: jwilczek@archsc.com

E-Mail: 2022-01-12 05:11 (Time Zone: -07:00)

Date/Time:



DMR Copy of Record

Permit #:C00038776

Major:No

Permitted Feature:007  
Internal Outfall

Report Dates & Status:From 12/01/21 to 12/31/21

Monitoring Period:From 12/01/21 to 12/31/21

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

Principal Executive Officer:

First Name:

Last Name:

No Data Indicator (NOD):

Form NOD:

Permittee:Mountain Coal Co LLC

Permittee Address:5174 Hwy 133  
Somerset, CO 81434

Discharge:007-A  
Domestic WWTP Polishing Pond

DMR Due Date:01/28/22

Status:

Telephone:

Facility:WEST ELK MINE

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

NeiDMR Validated

| Code  | Parameter Name                           | Monitoring Location | Season & Param. NOD | 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               |             |
| 00310 | BOD, 5-day, 20 deg C                     | 1 - Effluent Gross  | 0                   | Sample              | 1.012462      |                            |         |             |                       |             |
|       |                                          |                     |                     | Permit Req.         | 5.0 30DA AVG  | Req Mon DAILY MX 26 - lb/d |         |             |                       |             |
|       |                                          |                     |                     | Value NOD           |               |                            |         |             |                       |             |
| 00330 | Solids, total suspended                  | 1 - Effluent Gross  | 0                   | Sample              | 0.45330664    |                            |         |             |                       |             |
|       |                                          |                     |                     | Permit Req.         | 12.0 30DA AVG | Req Mon DAILY MX 26 - lb/d |         |             |                       |             |
|       |                                          |                     |                     | Value NOD           |               |                            |         |             |                       |             |
| 00610 | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross  | 0                   | Sample              |               |                            |         |             |                       |             |
|       |                                          |                     |                     | Permit Req.         |               |                            |         |             |                       |             |
|       |                                          |                     |                     | Value NOD           |               |                            |         |             |                       |             |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0                   | Sample              | 0.006544      |                            |         |             |                       |             |
|       |                                          |                     |                     | Permit Req.         | 0.02 30DA AVG | Req Mon DAILY MX 03 - MGD  |         |             |                       |             |
|       |                                          |                     |                     | Value NOD           |               |                            |         |             |                       |             |

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 errors.

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: NPOLUCOS1031

Name: Nicole Poules

E-Mail: npoules@archsc.com

Date/Time: 2022-01-10 12:57 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archsc.com

Date/Time: 2022-01-12 05:11 (Time Zone: -07:00)



# DMR Copy of Record

|                                                                                                                                      |  |                                                                                                                                                       |  |                                                                                                           |  |
|--------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------|--|
| <b>Permit #:</b> C00038776<br><b>Major:</b> No<br><b>Permitted Feature:</b> 008 External Outfall                                     |  | <b>Permittee:</b> Mountain Coal Co LLC<br><b>Permittee Address:</b> 5174 Hwy 133, Somerset, CO 81434<br><b>Discharge:</b> 008-AA Loadout Runoff (MB4) |  | <b>Facility:</b> WEST ELK MINE<br><b>Facility Location:</b> HWY 133, E OF TOWN, GUNNISON COUNTY, CO 81434 |  |
| <b>Report Dates &amp; Status:</b> From 12/01/21 to 12/31/21<br><b>Monitoring Period:</b> 01/28/22<br><b>Status:</b> NeedMR 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: \_\_\_\_\_  
 No Data Indicator (NODI) \_\_\_\_\_  
 Form NODI: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Telephone: \_\_\_\_\_

| Code  | Parameter Name               | Monitoring Location | Season & Param. NODI | Sample Permit Req.            | 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 Ex. Frequency of Analysis | Sample Type |
|-------|------------------------------|---------------------|----------------------|-------------------------------|-------------|---------|---------------------|-------------|---------|-------|-------------|---------|-------------|---------|-------------|---------|-----------|--------------------------------|-------------|
| 00094 | Conductivity                 | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         | 7B - dS/m | 02/30 - Twice Per Month        | GR - GRAB   |
| 00400 | pH                           | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         | 12 - SU   | 01/30 - Monthly                | GR - GRAB   |
| 00440 | Bicarbonate Ion- [as HCO3]   | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         |           | 02/30 - Twice Per Month        | GR - GRAB   |
| 00530 | Solids, total suspended      | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         | 19 - mg/L | 01/30 - Monthly                | GR - GRAB   |
| 00918 | Calcium, total recoverable   | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         | 19 - mg/L | 02/30 - Twice Per Month        | GR - GRAB   |
| 00921 | Magnesium, total recoverable | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         | 19 - mg/L | 02/30 - Twice Per Month        | GR - GRAB   |
| 00923 | Sodium, total recoverable    | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         | 19 - mg/L | 02/30 - Twice Per Month        | GR - GRAB   |
| 00931 | Sodium adsorption ratio      | EG - Effluent Gross | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         | Ratio     | 02/30 - Twice Per Month        | CA - CALCTD |
| 00931 | Sodium adsorption ratio      | P - See Comments    | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         | Ratio     | 02/30 - Twice Per Month        | CA - CALCTD |
| 00940 | Chloride [as Cl]             | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         | 19 - mg/L | 02/30 - Twice Per Month        | GR - GRAB   |
| 00978 | Arsenic, total recoverable   | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         | 28 - ug/L | 02/30 - Twice Per Month        | GR - GRAB   |
| 00980 | Iron, total recoverable      | 1 - Effluent Gross  | 0                    | Sample Permit Req. Value NODI |             |         |                     |             |         |       |             |         |             |         |             |         | 28 - ug/L | 01/30 - Monthly                | GR - GRAB   |
| 01046 | Iron, dissolved [as Fe]      | 1 - Effluent Gross  | 0                    | Sample Permit Req.            |             |         |                     |             |         |       |             |         |             |         |             |         | 28 - ug/L | 02/30 - Twice Per Month        | GR - GRAB   |

[illegible]

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

*Edit Check Errors*

|                       |                                      |
|-----------------------|--------------------------------------|
| No errors.            |                                      |
| Comments              |                                      |
| No Discharge          |                                      |
| Attachments           |                                      |
| No attachments.       |                                      |
| Report Last Saved By  |                                      |
| Mountain Coal Co LLC  |                                      |
| User:                 | NPOULOS1031                          |
| Name:                 | Nicole Poulos                        |
| E-Mail:               | npoulos@archsc.com                   |
| Date/Time             | 2022-01-10 11:18 (Time Zone: -07:00) |
| Report Last Signed By |                                      |
| User:                 | JWILCZEK                             |
| Name:                 | Jessica Wilczek                      |
| E-Mail:               | jwilczek@archsc.com                  |
| Date/Time:            | 2022-01-12 05:11 (Time Zone: -07:00) |





## 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:

005  
External Outfall

Discharge:

005-W  
Acute WET Testing for 005A

### Report Dates & Status

Monitoring Period: From 10/01/21 to 12/31/21

DMR Due Date:

07/28/22

Status:

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

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NOD)

Form NOD:

| Code  | Parameter Name                               | Monitoring Location | Season # | Param. NOD | Sample Permit Rule Value NOD | Quantity or Loading<br>Qualifier 1 Value 1<br>Qualifier 2 Value 2 Units | Qualifier 1                        | Quantity or Concentration<br>Qualifier 2 Value 2<br>Qualifier 3 Value 3 Units | # of Ex. Frequency of Analysis | Sample Type |
|-------|----------------------------------------------|---------------------|----------|------------|------------------------------|-------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------|--------------------------------|-------------|
| TAM3C | LC50 Static Renewal 48Hr Acute Daphnia magna | 1 - Effluent Gross  | 0        | -          | Sample Permit Rule Value NOD | >=                                                                      | 100.0 NM VALUE<br>C - No Discharge | 23 - %                                                                        | 07/90 - Quarterly              | GR - GRAB   |
| TAM3C | LC50 Static 96Hr Acute Pimephales            | 1 - Effluent Gross  | 0        | -          | Sample Permit Rule Value NOD | >=                                                                      | 100.0 NM VALUE<br>C - No Discharge | 23 - %                                                                        | 07/90 - Quarterly              | GR - GRAB   |

### Submission Note

If a parameter row does not contain any values for the Sample not 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:

2022-01-10 11:17 (Time Zone: -07:00)

Report Last Signed By

User:

JWL CZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2022-01-12 05:11 (Time Zone: -07:00)



DMR Copy of Record

Permit:  
Permit #:  
Major:

CO0038776  
No

Permittee:  
Permittee Address:

Mountain Coal Co LLC  
5174 Hwy 133  
Sorensen, CO 81434

Facility:  
Facility Location:

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

Permitted Feature:  
External Outfall

Discharge:  
005-Q  
Quarterly Monitoring for 005A

Report Dates & Status  
Monitoring Period:  
Considerations for Form Completion  
Quarterly monitoring - see Appendix B, #35, pg 64.  
Principal Executive Officer

DMR Due Date:  
01/26/22

Status:  
Not DMR Validated

First Name:  
Last Name:  
No Data Indicator (NOD)

Title:  
  
Telephone:

Form NOD:  
Code  
Parameter  
Monitoring Location  
Season  
NOD1  
Sample  
Permit Req  
Value NOD1

Quantity or Loading  
Quotient 1 Value 1  
Quotient 2 Value 2  
Quotient 3 Value 3  
Units  
# of Ex. Frequency of Analysis Sample Type

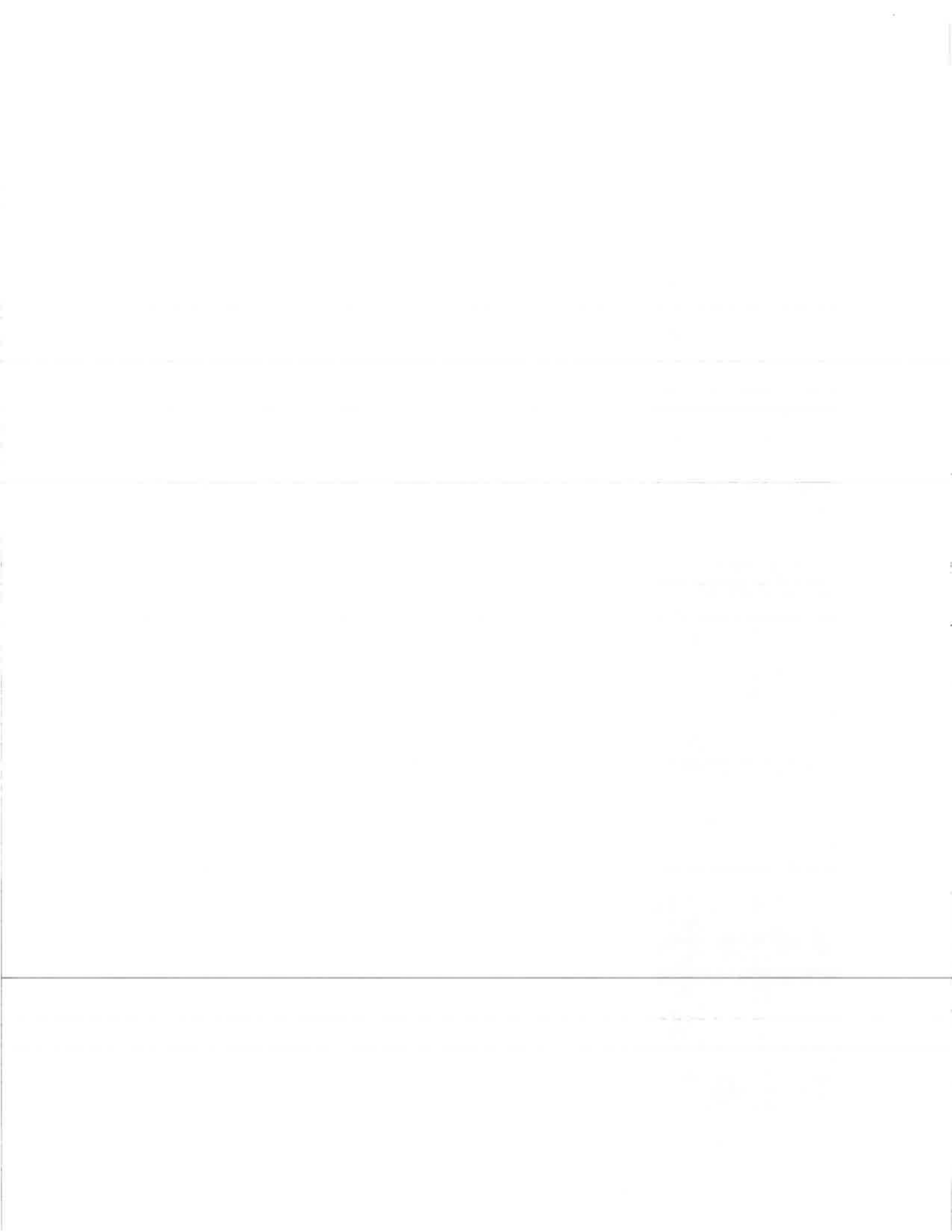
70235  
Solids, total dissolved  
1 - Effluent Gross  
0  
Req Mon ORTR AVG  
C - No Discharge  
Req Mon DAILY MX  
C - No Discharge  
19 - mg/L  
01/90 - Quarterly  
GR - GRAB

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:  
Name:  
E-Mail:  
Date/Time:  
Report Last Signed By  
User:  
Name:  
E-Mail:  
Date/Time:

JWILCZEK  
Jessica Wilczek  
jwilczek@archrsc.com  
2022-01-12 05:11 (Time Zone: -07:00)



# DMR Copy of Record

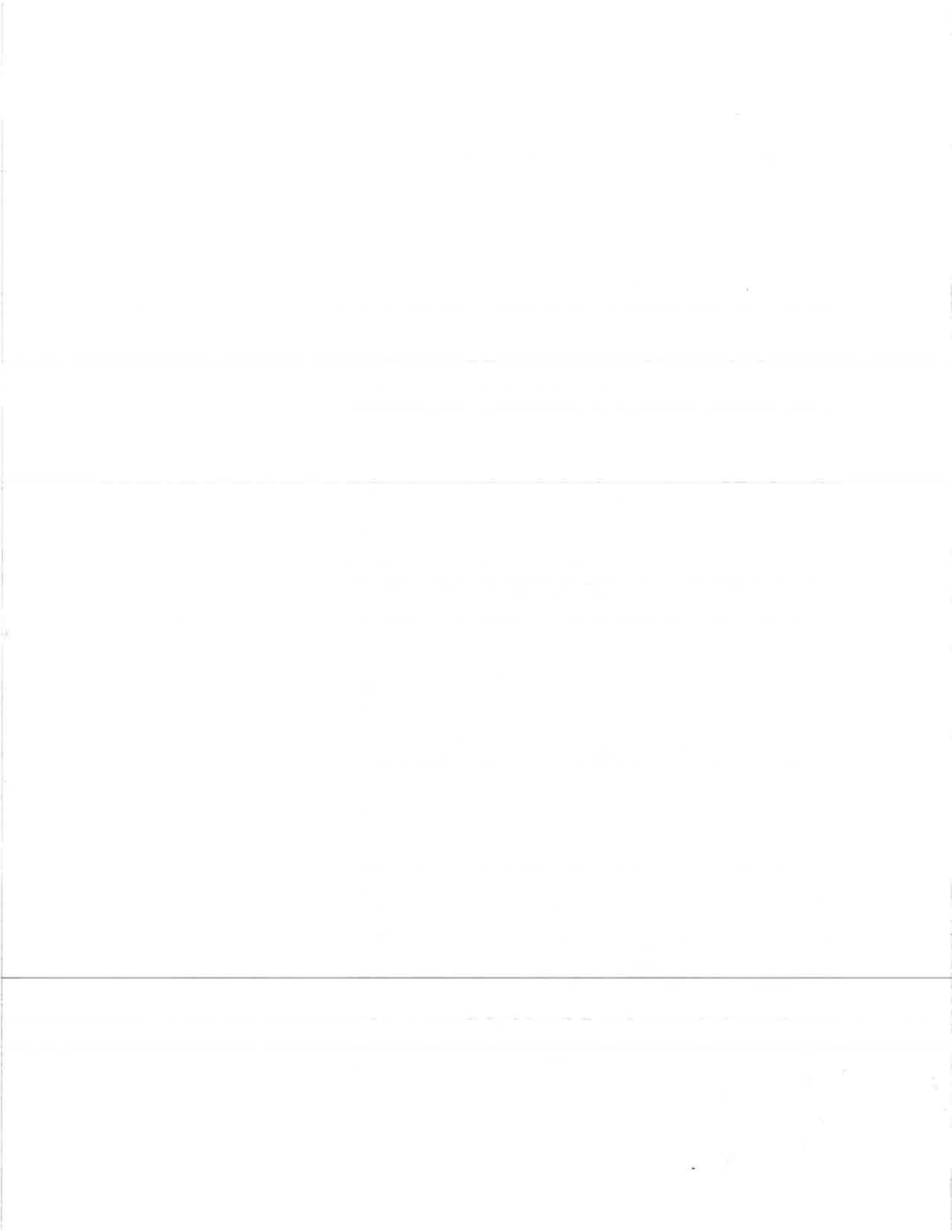
|                                                                                                                                                                                                                                           |                           |                    |                                       |                    |                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|---------------------------------------|--------------------|-------------------------------------------------|
| Permit #:                                                                                                                                                                                                                                 | CO0038776                 | Permittee:         | Mountain Coal Co LLC                  | Facility:          | WEST ELK MINE                                   |
| Major:                                                                                                                                                                                                                                    | No                        | Permittee Address: | 5174 Hwy 133<br>Somerseil, CO 81434   | Facility Location: | Hwy 133, E OF TOWN<br>GUNNISON COUNTY, CO 81434 |
| Permitted Feature:                                                                                                                                                                                                                        | 005<br>External Outfall   | Discharge:         | 005-AA<br>Coal Conveyor Runoff (MB-3) |                    |                                                 |
| Report Dates & Status                                                                                                                                                                                                                     | From 12/01/21 to 12/31/21 | DMR Due Date:      | 01/28/22                              | Status:            | NeiDMR Validated                                |
| 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 I.C.1.a. |                           |                    |                                       |                    |                                                 |
| REPORT CALCULATED SAR AT MLOC=EG, ADJUSTED SAR AT MLOC=P.                                                                                                                                                                                 |                           |                    |                                       |                    |                                                 |
| Principal Executive Officer                                                                                                                                                                                                               |                           |                    |                                       |                    |                                                 |
| First Name:                                                                                                                                                                                                                               |                           | Title:             |                                       | Telephone:         |                                                 |
| Last Name:                                                                                                                                                                                                                                |                           |                    |                                       |                    |                                                 |
| No Data Indicator (NODI)                                                                                                                                                                                                                  |                           |                    |                                       |                    |                                                 |
| Form NODI:                                                                                                                                                                                                                                |                           |                    |                                       |                    |                                                 |

| Code  | Parameter Name               | Monitoring Location | Season & Param. NODI | Sample Permit Req. | Qualifier 1 | Value 1 | Quantity or Loading | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Quantity or Concentration | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units      | # of Ex. Frequency of Analysis | Sample Type |
|-------|------------------------------|---------------------|----------------------|--------------------|-------------|---------|---------------------|-------------|---------|-------|-------------|---------|---------------------------|-------------|---------|-------------|---------|------------|--------------------------------|-------------|
| 00094 | Conductivity                 | 1 - Effluent Gross  | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG          |             |         |             |         | 78 - dS/m  | 0230 - Twice Per Month         | GR - GRAB   |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 00400 | pH                           | 1 - Effluent Gross  | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | 6.5 MINIMUM               |             |         |             |         | 12 - SU    | 0130 - Monthly                 | GR - GRAB   |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 00440 | Bicarbonate Ion- [as HCO3]   | 1 - Effluent Gross  | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG          |             |         |             |         | 19 - mg/L  | 0230 - Twice Per Month         | GR - GRAB   |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 00550 | Solids, total suspended      | 1 - Effluent Gross  | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | 35.0 30DA AVG             |             |         |             |         | 19 - mg/L  | 0130 - Monthly                 | GR - GRAB   |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 00018 | Calcium, total recoverable   | 1 - Effluent Gross  | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG          |             |         |             |         | 19 - mg/L  | 0230 - Twice Per Month         | GR - GRAB   |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 00921 | Magnesium, total recoverable | 1 - Effluent Gross  | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG          |             |         |             |         | 19 - mg/L  | 0230 - Twice Per Month         | GR - GRAB   |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 00923 | Sodium, total recoverable    | 1 - Effluent Gross  | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG          |             |         |             |         | 19 - mg/L  | 0230 - Twice Per Month         | GR - GRAB   |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 00931 | Sodium adsorption ratio      | EG - Effluent Gross | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG          |             |         |             |         | 1U - Ratio | 0230 - Twice Per Month         | CA - CALCTD |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 00931 | Sodium adsorption ratio      | P - See Comments    | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG          |             |         |             |         | 1U - Ratio | 0230 - Twice Per Month         | CA - CALCTD |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 00940 | Chloride [as Cl]             | 1 - Effluent Gross  | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG          |             |         |             |         | 19 - mg/L  | 0230 - Twice Per Month         | GR - GRAB   |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 00978 | Arsenic, total recoverable   | 1 - Effluent Gross  | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | Req Mon 30DA AVG          |             |         |             |         | 28 - ug/L  | 0230 - Twice Per Month         | GR - GRAB   |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 00980 | Iron, total recoverable      | 1 - Effluent Gross  | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | 3500.0 30DA AVG           |             |         |             |         | 28 - ug/L  | 0130 - Monthly                 | GR - GRAB   |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |
| 01046 | Iron, dissolved [as Fe]      | 1 - Effluent Gross  | 0                    | Sample Permit Req. |             |         |                     |             |         |       |             |         | 3297.0 30DA AVG           |             |         |             |         | 28 - ug/L  | 0230 - Twice Per Month         | GR - GRAB   |
|       |                              |                     |                      | Value NODI         |             |         |                     |             |         |       |             |         | C - No Discharge          |             |         |             |         |            |                                |             |

[illegible]

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

|                          |                                      |
|--------------------------|--------------------------------------|
| <b>Edit Check Errors</b> |                                      |
| 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:               | 2022-01-10 11:16 (Time Zone: -07:00) |
| Report Last Signed By    |                                      |
| User:                    | JWILCZEK                             |
| Name:                    | Jessica Wilczek                      |
| E-Mail:                  | jwilczek@archsc.com                  |
| Date/Time:               | 2022-01-12 05:11 (Time Zone: -07:00) |





DMR Copy of Record

Permit #: CO0038776

Major: No

Permitted Feature: 008  
External Outfall

Report Dates & Status  
Monitoring Period: From 10/01/21 to 12/31/21  
Considerations for Form Completion  
Quarterly monitoring - see Appendix B, #35, pg 64.  
Principal Executive Officer

Last Name: No Data Indicator (NODI)

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

Discharge: 008-Q  
Quarterly Monitoring for 008A

DMR Due Date: 01/28/22

Status: NotDMR Validated

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

Title:

Telephone:

User: NPOULOST031  
Name: Nicole Poulos  
E-Mail: npoulos@archrsc.com  
Date/Time: 2022-01-10 11:17 (Time Zone: -07:00)

Report Last Signed By: JWILCZEK  
Name: Jessica Wilczek  
E-Mail: jwilczek@archrsc.com  
Date/Time: 2022-01-12 05:11 (Time Zone: -07:00)

| 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 |  |  |
| 70235 | 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

Comments

No Discharge

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

