

DMR Copy of Record

Permit

Permit #:

CO0027154

Major:

Yes

Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27  
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27  
APX 20 MI SW OF STEAMBOAT SPGS  
ROUTT COUNTY, CO 80467

Permitted Feature:

002  
External Outfall

Discharge:

002-A  
MINE 1, POND T TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

05/28/23

Status:

NetDMR Validated

Considerations for Form Completion

ALTERNATE LIMITS FOR TSS (MLOC=O) APPLY IF 10YR/24HR PRECIP EVENT CLAIMED. ALTERNATE LIMITS FOR IRON &SETTLEABLE SOLIDS (MLOC=O) APPLY ONLY IF <=10YR,24HR PRECIP. EVENT CLAIMED. OIL & GREASE - SEE I.C.19,PAGE 16.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

| Parameter |                                          | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |                  |             |                  |              | Quality or Concentration |                  |             |                  |             |                  |           | # of Ex. | Frequency of Analysis | Sample Type          |
|-----------|------------------------------------------|---------------------|----------|-------------|-------------|---------------------|------------------|-------------|------------------|--------------|--------------------------|------------------|-------------|------------------|-------------|------------------|-----------|----------|-----------------------|----------------------|
| Code      | Name                                     |                     |          |             |             | Qualifier 1         | Value 1          | Qualifier 2 | Value 2          | Units        | Qualifier 1              | Value 1          | Qualifier 2 | Value 2          | Qualifier 3 | Value 3          | Units     |          |                       |                      |
| 00400     | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |              | >=                       | 6.5 MINIMUM      |             |                  | <=          | 9.0 MAXIMUM      | 12 - SU   |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |              |                          | C - No Discharge |             |                  |             | C - No Discharge |           |          |                       |                      |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |              |                          |                  | <=          | 35.0 30DA AVG    | <=          | 70.0 DAILY MX    | 19 - mg/L |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |              |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                       |                      |
| 00530     | Solids, total suspended                  | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |              |                          |                  |             | Req Mon 30DA AVG |             | Req Mon DAILY MX | 19 - mg/L |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |              |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                       |                      |
| 00545     | Solids, settleable                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |              |                          |                  |             | Req Mon 30DA AVG | <=          | 0.5 DAILY MX     | 25 - mL/L |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |              |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                       |                      |
| 00545     | Solids, settleable                       | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |              |                          |                  |             | Req Mon 30DA AVG |             | Req Mon DAILY MX | 25 - mL/L |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |              |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                       |                      |
| 01045     | Iron, total [as Fe]                      | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |              |                          |                  | <=          | 3500.0 30DA AVG  | <=          | 7000.0 DAILY MX  | 28 - ug/L |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |              |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                       |                      |
| 01045     | Iron, total [as Fe]                      | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |              |                          |                  |             | Req Mon 30DA AVG |             | Req Mon DAILY MX | 28 - ug/L |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |              |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                       |                      |
| 03582     | Oil and grease                           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 77/77 - Contingent    | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |              |                          |                  |             |                  | <=          | 10.0 INST MAX    | 19 - mg/L |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |              |                          |                  |             |                  |             | C - No Discharge |           |          |                       |                      |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 99/99 - Continuous    | RC - Recorder (auto) |
|           |                                          |                     |          |             | Permit Req. |                     | Req Mon 30DA AVG |             | Req Mon DAILY MX | 03 - MGD     |                          |                  |             |                  |             |                  |           |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     | C - No Discharge |             | C - No Discharge |              |                          |                  |             |                  |             |                  |           |          |                       |                      |
| 84066     | Oil and grease visual                    | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 01/07 - Weekly        | VI - VISUAL          |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             | Req Mon INST MAX | 9P - N=0;Y=1 |                          |                  |             |                  |             |                  |           |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             | C - No Discharge |              |                          |                  |             |                  |             |                  |           |          |                       |                      |

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

|                       |                                      |
|-----------------------|--------------------------------------|
| Report Last Saved By  |                                      |
| Twentymile Coal LLC   |                                      |
| User:                 | MBLOMQUIST@PEABODYENERGY.COM         |
| Name:                 | Miranda Kawcak                       |
| E-Mail:               | mblomquist@peabodyenergy.com         |
| Date/Time:            | 2023-05-26 08:48 (Time Zone: -06:00) |
| Report Last Signed By |                                      |
| User:                 | MBLOMQUIST@PEABODYENERGY.COM         |
| Name:                 | Miranda Kawcak                       |
| E-Mail:               | mblomquist@peabodyenergy.com         |
| Date/Time:            | 2023-05-27 07:51 (Time Zone: -06:00) |

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Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

| Parameter |                                          | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |                  |             |                  |          | Quality or Concentration |             |             |                                                       |             |                                                       |           |   | # of Ex.       | Frequency of Analysis | Sample Type |
|-----------|------------------------------------------|---------------------|----------|-------------|-------------|---------------------|------------------|-------------|------------------|----------|--------------------------|-------------|-------------|-------------------------------------------------------|-------------|-------------------------------------------------------|-----------|---|----------------|-----------------------|-------------|
| Code      | Name                                     |                     |          |             |             | Qualifier 1         | Value 1          | Qualifier 2 | Value 2          | Units    | Qualifier 1              | Value 1     | Qualifier 2 | Value 2                                               | Qualifier 3 | Value 3                                               | Units     |   |                |                       |             |
| 00400     | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          | =                        | 8.2         |             |                                                       | =           | 8.5                                                   | 12 - SU   | 0 | 01/07 - Weekly | GR - GRAB             |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          | >=                       | 6.5 MINIMUM |             |                                                       | <=          | 9.0 MAXIMUM                                           | 12 - SU   |   |                |                       |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                |                       |             |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | =           | 34.0                                                  | =           | 52.0                                                  | 19 - mg/L | 0 | 01/07 - Weekly | GR - GRAB             |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             | <=          | 35.0 30DA AVG                                         | <=          | 70.0 DAILY MX                                         | 19 - mg/L |   |                |                       |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                |                       |             |
| 00530     | Solids, total suspended                  | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   | 01/07 - Weekly | GR - GRAB             |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 19 - mg/L |   |                |                       |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |   |                |                       |             |
| 00545     | Solids, settleable                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | <           | 0.103                                                 | =           | 0.11                                                  | 25 - mL/L | 0 | 01/07 - Weekly | GR - GRAB             |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      | <=          | 0.5 DAILY MX                                          | 25 - mL/L |   |                |                       |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                |                       |             |
| 00545     | Solids, settleable                       | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   | 01/07 - Weekly | GR - GRAB             |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 25 - mL/L |   |                |                       |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |   |                |                       |             |
| 01045     | Iron, total [as Fe]                      | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | =           | 1364.0                                                | =           | 2440.0                                                | 28 - ug/L | 0 | 01/07 - Weekly | GR - GRAB             |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             | <=          | 3500.0 30DA AVG                                       | <=          | 7000.0 DAILY MX                                       | 28 - ug/L |   |                |                       |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                |                       |             |
| 01045     | Iron, total [as Fe]                      | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   | 01/07 - Weekly | GR - GRAB             |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 28 - ug/L |   |                |                       |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |   |                |                       |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 0.119            | =           | 0.155            | 03 - MGD |                          |             |             |                                                       |             |                                                       |           | 0 | 01/07 - Weekly | IN - INSTAN           |             |
|           |                                          |                     |          |             | Permit Req. |                     | Req Mon 30DA AVG |             | Req Mon DAILY MX | 03 - MGD |                          |             |             |                                                       |             |                                                       |           |   |                |                       |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                |                       |             |

Submission Note

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

Edit Check Errors

|                                                                                |                                      |
|--------------------------------------------------------------------------------|--------------------------------------|
| No errors.                                                                     |                                      |
| <b>Comments</b>                                                                |                                      |
| Permit modification approved to monitor flow instantaneously on a weekly basis |                                      |
| <b>Attachments</b>                                                             |                                      |
| No attachments.                                                                |                                      |
| <b>Report Last Saved By</b>                                                    |                                      |
| <b>Twentymile Coal LLC</b>                                                     |                                      |
| User:                                                                          | MBLOMQUIST@PEABODYENERGY.COM         |
| Name:                                                                          | Miranda Kawcak                       |
| E-Mail:                                                                        | mblomquist@peabodyenergy.com         |
| Date/Time:                                                                     | 2023-05-26 08:58 (Time Zone: -06:00) |
| <b>Report Last Signed By</b>                                                   |                                      |
| User:                                                                          | MBLOMQUIST@PEABODYENERGY.COM         |
| Name:                                                                          | Miranda Kawcak                       |
| E-Mail:                                                                        | mblomquist@peabodyenergy.com         |
| Date/Time:                                                                     | 2023-05-27 07:51 (Time Zone: -06:00) |

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004  
External Outfall

Discharge:

004-A  
MINE 1, POND C TO FOIDEL CREEK

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

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Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

| Parameter |                                          | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |                  |             |                  |          | Quality or Concentration |             |             |                                                       |             |                                                       |           |   | # of Ex.                             | Frequency of Analysis               | Sample Type |
|-----------|------------------------------------------|---------------------|----------|-------------|-------------|---------------------|------------------|-------------|------------------|----------|--------------------------|-------------|-------------|-------------------------------------------------------|-------------|-------------------------------------------------------|-----------|---|--------------------------------------|-------------------------------------|-------------|
| Code      | Name                                     |                     |          |             |             | Qualifier 1         | Value 1          | Qualifier 2 | Value 2          | Units    | Qualifier 1              | Value 1     | Qualifier 2 | Value 2                                               | Qualifier 3 | Value 3                                               | Units     |   |                                      |                                     |             |
| 00400     | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          | =                        | 7.4         |             |                                                       | =           | 8.0                                                   | 12 - SU   | 0 | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          | >=                       | 6.5 MINIMUM |             |                                                       | <=          | 9.0 MAXIMUM                                           | 12 - SU   |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | <           | 7.5                                                   | =           | 10.0                                                  | 19 - mg/L | 0 | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             | <=          | 35.0 30DA AVG                                         | <=          | 70.0 DAILY MX                                         | 19 - mg/L |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
| 00530     | Solids, total suspended                  | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 19 - mg/L |   | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |   |                                      |                                     |             |
| 00545     | Solids, settleable                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | <           | 0.095                                                 | <           | 0.1                                                   | 25 - mL/L | 0 | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      | <=          | 0.5 DAILY MX                                          | 25 - mL/L |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
| 00545     | Solids, settleable                       | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 25 - mL/L |   | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |   |                                      |                                     |             |
| 01045     | Iron, total [as Fe]                      | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | =           | 289.0                                                 | =           | 454.0                                                 | 28 - ug/L | 0 | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             | <=          | 3500.0 30DA AVG                                       | <=          | 7000.0 DAILY MX                                       | 28 - ug/L |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
| 01045     | Iron, total [as Fe]                      | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 28 - ug/L |   | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |   |                                      |                                     |             |
| 03582     | Oil and grease                           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   | 77/77 - Contingent                   | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       | <=          | 10.0 INST MAX                                         | 19 - mg/L |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             | 9 - Conditional Monitoring - Not Required This Period |           |   |                                      |                                     |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 0.0185           | =           | 0.029            | 03 - MGD |                          |             |             |                                                       |             |                                                       |           | 0 | 01/07 - Weekly<br>99/99 - Continuous | IN - INSTAN<br>RC - Recorder (auto) |             |
|           |                                          |                     |          |             | Permit Req. |                     | Req Mon 30DA AVG |             | Req Mon DAILY MX | 03 - MGD |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |



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29515 RCR #27  
APX 20 MI SW OF STEAMBOAT SPGS  
ROUTT COUNTY, CO 80467

Permitted Feature:

005  
External Outfall

Discharge:

005-A  
MINE 1, POND D TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

05/28/23

Status:

NetDMR Validated

Considerations for Form Completion

ALTERNATE LIMITS FOR TSS (MLOC=O) APPLY IF 10YR,24HR PRECIP EVENT CLAIMED. ALTERNATE LIMITS FOR IRON &SETTLEABLE SOLIDS (MLOC=O) APPLY ONLY IF <=10YR/24HR PRECIP. EVENT CLAIMED. OIL & GREASE - SEE I.C.19,PAGE 16.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

| Parameter |                                          | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |               |             |                  |          | Quality or Concentration |             |               |                                                       |               |                                                       |                | # of Ex. | Frequency of Analysis                              | Sample Type          |
|-----------|------------------------------------------|---------------------|----------|-------------|-------------|---------------------|---------------|-------------|------------------|----------|--------------------------|-------------|---------------|-------------------------------------------------------|---------------|-------------------------------------------------------|----------------|----------|----------------------------------------------------|----------------------|
| Code      | Name                                     |                     |          |             |             | Qualifier 1         | Value 1       | Qualifier 2 | Value 2          | Units    | Qualifier 1              | Value 1     | Qualifier 2   | Value 2                                               | Qualifier 3   | Value 3                                               | Units          |          |                                                    |                      |
| 00400     | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               |             |                  |          | =                        | 7.9         |               |                                                       | =             | 8.4                                                   | 12 - SU        | 0        | 01/07 - Weekly<br>02/30 - Twice Per Month          | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          | >=                       | 6.5 MINIMUM |               |                                                       | <=            | 9.0 MAXIMUM                                           | 12 - SU        |          |                                                    | GR - GRAB            |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |               |                                                       |               |                                                       |                |          |                                                    |                      |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               |             |                  |          |                          |             | =             | 25.5                                                  | =             | 37.0                                                  | 19 - mg/L      | 0        | 01/07 - Weekly                                     | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          |                          | <=          | 35.0 30DA AVG | <=                                                    | 70.0 DAILY MX | 19 - mg/L                                             | 01/07 - Weekly |          | GR - GRAB                                          |                      |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |               |                                                       |               |                                                       |                |          |                                                    |                      |
| 00530     | Solids, total suspended                  | O - See Comments    | 0        | --          | Sample      |                     |               |             |                  |          |                          |             |               | Req Mon 30DA AVG                                      |               | Req Mon DAILY MX                                      | 19 - mg/L      |          | 01/07 - Weekly                                     | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          |                          |             |               |                                                       |               |                                                       |                |          |                                                    |                      |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |               | 9 - Conditional Monitoring - Not Required This Period |               | 9 - Conditional Monitoring - Not Required This Period |                |          |                                                    |                      |
| 00545     | Solids, settleable                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               |             |                  |          |                          |             | <             | 0.1                                                   | <             | 0.1                                                   | 25 - mL/L      | 0        | 01/07 - Weekly                                     | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          |                          |             |               | Req Mon 30DA AVG                                      | <=            | 0.5 DAILY MX                                          | 25 - mL/L      |          |                                                    | GR - GRAB            |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |               |                                                       |               |                                                       |                |          |                                                    |                      |
| 00545     | Solids, settleable                       | O - See Comments    | 0        | --          | Sample      |                     |               |             |                  |          |                          |             |               | Req Mon 30DA AVG                                      |               | Req Mon DAILY MX                                      | 25 - mL/L      |          | 01/07 - Weekly                                     | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          |                          |             |               |                                                       |               |                                                       |                |          |                                                    |                      |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |               | 9 - Conditional Monitoring - Not Required This Period |               | 9 - Conditional Monitoring - Not Required This Period |                |          |                                                    |                      |
| 00980     | Iron, total recoverable                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               |             |                  |          |                          |             | =             | 668.0                                                 | =             | 938.0                                                 | 28 - ug/L      | 0        | 02/30 - Twice Per Month<br>02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          |                          |             | <=            | 1000.0 30DA AVG                                       |               | Req Mon DAILY MX                                      | 28 - ug/L      |          |                                                    | GR - GRAB            |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |               |                                                       |               |                                                       |                |          |                                                    |                      |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 2.207         | =           | 2.396            | 03 - MGD |                          |             |               |                                                       |               |                                                       |                | 0        | 01/07 - Weekly<br>99/99 - Continuous               | IN - INSTAN          |
|           |                                          |                     |          |             | Permit Req. | <=                  | 4.55 30DA AVG |             | Req Mon DAILY MX | 03 - MGD |                          |             |               |                                                       |               |                                                       |                |          |                                                    | RC - Recorder (auto) |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |               |                                                       |               |                                                       |                |          |                                                    |                      |

Submission Note

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

Edit Check Errors

No errors.

Comments

Permit modification approved to monitor flow instantaneously on a weekly basis

Attachments

No attachments.

|                       |                                      |
|-----------------------|--------------------------------------|
| Report Last Saved By  |                                      |
| Twentymile Coal LLC   |                                      |
| User:                 | MBLOMQUIST@PEABODYENERGY.COM         |
| Name:                 | Miranda Kawcak                       |
| E-Mail:               | mblomquist@peabodyenergy.com         |
| Date/Time:            | 2023-05-26 09:04 (Time Zone: -06:00) |
| Report Last Signed By |                                      |
| User:                 | MBLOMQUIST@PEABODYENERGY.COM         |
| Name:                 | Miranda Kawcak                       |
| E-Mail:               | mblomquist@peabodyenergy.com         |
| Date/Time:            | 2023-05-27 07:52 (Time Zone: -06:00) |

DMR Copy of Record

Permit

Permit #:

CO0027154

Major:

Yes

Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27  
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27  
APX 20 MI SW OF STEAMBOAT SPGS  
ROUTT COUNTY, CO 80467

Permitted Feature:

006  
External Outfall

Discharge:

006-A  
MINE 1, POND E TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

05/28/23

Status:

NetDMR Validated

Considerations for Form Completion

ALTERNATE LIMITS FOR TSS (MLOC=O) APPLY IF 10YR/24HR PRECIP EVENT CLAIMED. ALTERNATE LIMITS FOR IRON &SETTLEABLE SOLIDS (MLOC=O) APPLY ONLY IF <=10YR,24HR PRECIP. EVENT CLAIMED. OIL & GREASE - SEE I.C.19,PAGE 16.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

| Parameter |                                          | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |                  |             |                  |          | Quality or Concentration |             |             |                                                       |             |                                                       |           |   | # of Ex.                             | Frequency of Analysis               | Sample Type |
|-----------|------------------------------------------|---------------------|----------|-------------|-------------|---------------------|------------------|-------------|------------------|----------|--------------------------|-------------|-------------|-------------------------------------------------------|-------------|-------------------------------------------------------|-----------|---|--------------------------------------|-------------------------------------|-------------|
| Code      | Name                                     |                     |          |             |             | Qualifier 1         | Value 1          | Qualifier 2 | Value 2          | Units    | Qualifier 1              | Value 1     | Qualifier 2 | Value 2                                               | Qualifier 3 | Value 3                                               | Units     |   |                                      |                                     |             |
| 00400     | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          | =                        | 8.1         |             |                                                       | =           | 8.5                                                   | 12 - SU   | 0 | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          | >=                       | 6.5 MINIMUM |             |                                                       | <=          | 9.0 MAXIMUM                                           | 12 - SU   |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | =           | 12.0                                                  | =           | 15.0                                                  | 19 - mg/L | 0 | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             | <=          | 35.0 30DA AVG                                         | <=          | 70.0 DAILY MX                                         | 19 - mg/L |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
| 00530     | Solids, total suspended                  | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 19 - mg/L |   | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |   |                                      |                                     |             |
| 00545     | Solids, settleable                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | <           | 0.1                                                   | <           | 0.1                                                   | 25 - mL/L | 0 | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      | <=          | 0.5 DAILY MX                                          | 25 - mL/L |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
| 00545     | Solids, settleable                       | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 25 - mL/L |   | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |   |                                      |                                     |             |
| 01045     | Iron, total [as Fe]                      | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | =           | 483.8                                                 | =           | 1100.0                                                | 28 - ug/L | 0 | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             | <=          | 3500.0 30DA AVG                                       | <=          | 7000.0 DAILY MX                                       | 28 - ug/L |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
| 01045     | Iron, total [as Fe]                      | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 28 - ug/L |   | 01/07 - Weekly                       | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |   |                                      |                                     |             |
| 03582     | Oil and grease                           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   | 77/77 - Contingent                   | GR - GRAB                           |             |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       | <=          | 10.0 INST MAX                                         | 19 - mg/L |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
|           |                                          |                     |          |             |             |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 0.026            | =           | 0.078            | 03 - MGD |                          |             |             |                                                       |             |                                                       |           | 0 | 01/07 - Weekly<br>99/99 - Continuous | IN - INSTAN<br>RC - Recorder (auto) |             |
|           |                                          |                     |          |             | Permit Req. |                     | Req Mon 30DA AVG |             | Req Mon DAILY MX | 03 - MGD |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |   |                                      |                                     |             |



DMR Copy of Record

Permit

Permit #:

CO0027154

Major:

Yes

Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27  
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27  
APX 20 MI SW OF STEAMBOAT SPGS  
ROUTT COUNTY, CO 80467

Permitted Feature:

007  
External Outfall

Discharge:

007-A  
MINE 1, POND F TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

05/28/23

Status:

NetDMR Validated

Considerations for Form Completion

ALTERNATE LIMITS FOR TSS & IRON (MLOC=O) APPLY IF 10YR,24HR PRECIP. EVENT CLAIMED. ALTERNATE LIMITS FORSETTLEABLE SOLIDS (MLOC=O) APPLY ONLY IF >10YR,24HR PRECIP EVENT CLAIMED. OIL & GREASE - SEE I.C.19,PAGE 16.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

| Parameter |                                          | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |               |             |                  |          | Quality or Concentration |             |             |                                                       |             |                                                       |           | # of Ex. | Frequency of Analysis                      | Sample Type          |
|-----------|------------------------------------------|---------------------|----------|-------------|-------------|---------------------|---------------|-------------|------------------|----------|--------------------------|-------------|-------------|-------------------------------------------------------|-------------|-------------------------------------------------------|-----------|----------|--------------------------------------------|----------------------|
| Code      | Name                                     |                     |          |             |             | Qualifier 1         | Value 1       | Qualifier 2 | Value 2          | Units    | Qualifier 1              | Value 1     | Qualifier 2 | Value 2                                               | Qualifier 3 | Value 3                                               | Units     |          |                                            |                      |
| 00400     | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               |             |                  |          | =                        | 7.4         |             |                                                       | =           | 7.8                                                   | 12 - SU   | 0        | 01/07 - Weekly<br>02/30 - Twice Per Month  | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          | >=                       | 6.5 MINIMUM |             |                                                       | <=          | 9.0 MAXIMUM                                           | 12 - SU   |          |                                            | GR - GRAB            |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                                            |                      |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               |             |                  |          |                          |             | =           | 11.0                                                  | =           | 12.0                                                  | 19 - mg/L | 0        | 01/07 - Weekly<br>01/30 - Monthly          | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          |                          |             | <=          | 35.0 30DA AVG                                         | <=          | 70.0 DAILY MX                                         | 19 - mg/L |          |                                            | GR - GRAB            |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                                            |                      |
| 00530     | Solids, total suspended                  | O - See Comments    | 0        | --          | Sample      |                     |               |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 19 - mg/L |          | 01/30 - Monthly                            | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                                            |                      |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |          |                                            |                      |
| 00980     | Iron, total recoverable                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               |             |                  |          |                          |             | =           | 666.0                                                 | =           | 1110.0                                                | 28 - ug/L | 0        | 02/30 - Twice Per Month<br>01/30 - Monthly | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          |                          |             | <=          | 1000.0 30DA AVG                                       |             | Req Mon DAILY MX                                      | 28 - ug/L |          |                                            | GR - GRAB            |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                                            |                      |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 0.027         | =           | 0.027            | 03 - MGD |                          |             |             |                                                       |             |                                                       |           | 0        | 01/07 - Weekly<br>99/99 - Continuous       | IN - INSTAN          |
|           |                                          |                     |          |             | Permit Req. | <=                  | 2.97 30DA AVG |             | Req Mon DAILY MX | 03 - MGD |                          |             |             |                                                       |             |                                                       |           |          |                                            | RC - Recorder (auto) |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                                            |                      |

Submission Note

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

Edit Check Errors

No errors.

Comments

Permit modification approved to monitor flow instantaneously on a weekly basis

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

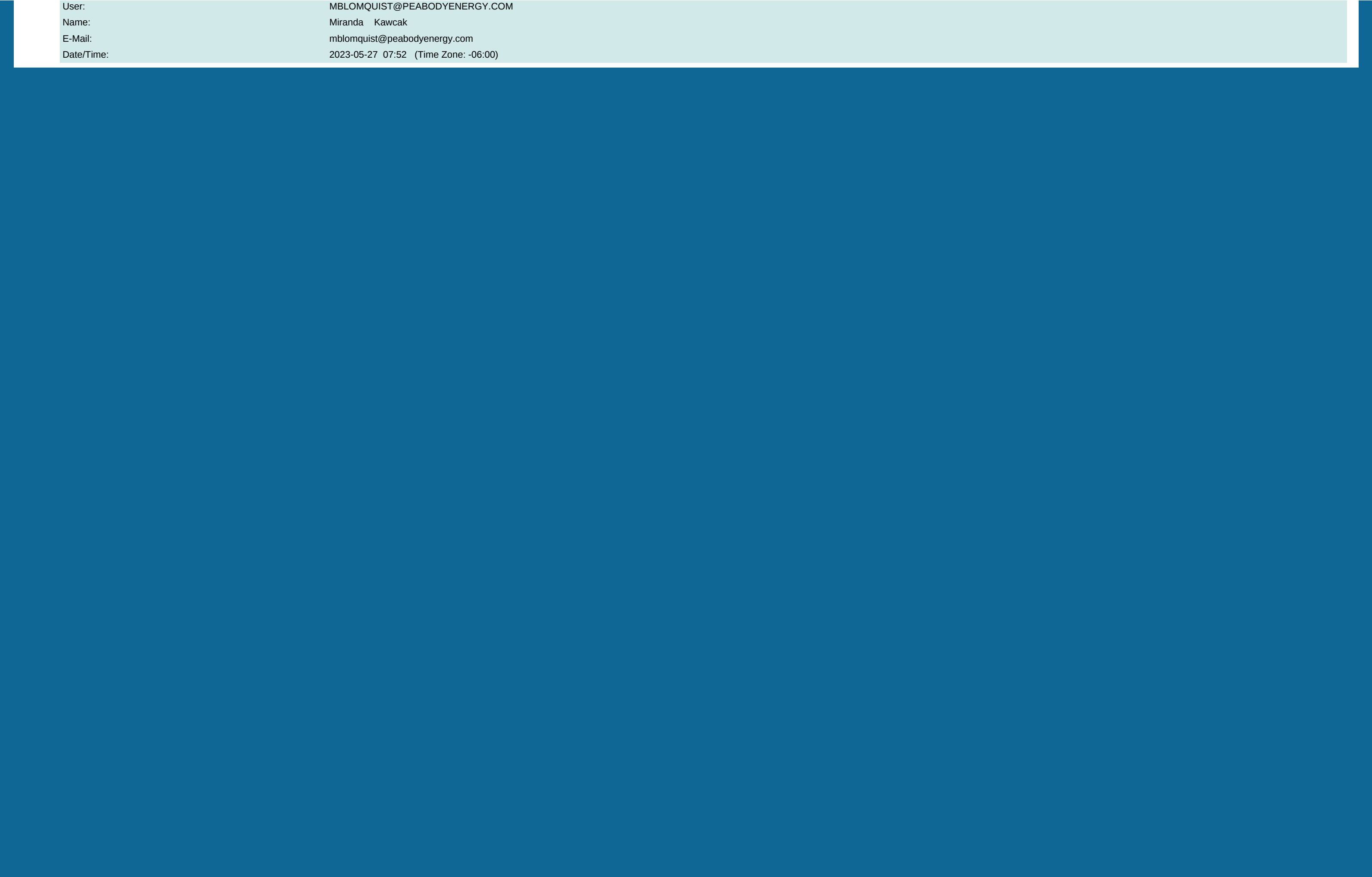
E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2023-05-26 09:10 (Time Zone: -06:00)

Report Last Signed By



DMR Copy of Record

Permit

Permit #:

CO0027154

Major:

Yes

Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27  
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27  
APX 20 MI SW OF STEAMBOAT SPGS  
ROUTT COUNTY, CO 80467

Permitted Feature:

008  
External Outfall

Discharge:

008-A  
MINE 1, POND G TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

05/28/23

Status:

NetDMR Validated

Considerations for Form Completion

ALTERNATE LIMITS FOR TSS (MLOC=O) APPLY IF 10YR,24HR PRECIP EVENT CLAIMED. ALTERNATE LIMITS FOR IRON &SETTLEABLE SOLIDS (MLOC=O) APPLY ONLY IF <=10YR,24HR PRECIP. EVENT CLAIMED. OIL & GREASE - SEE I.C.19,PAGE 16.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

| Parameter |                                          | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |                  |             |                  |          | Quality or Concentration |             |             |                                                       |             |                                                       |           | # of Ex. | Frequency of Analysis | Sample Type          |
|-----------|------------------------------------------|---------------------|----------|-------------|-------------|---------------------|------------------|-------------|------------------|----------|--------------------------|-------------|-------------|-------------------------------------------------------|-------------|-------------------------------------------------------|-----------|----------|-----------------------|----------------------|
| Code      | Name                                     |                     |          |             |             | Qualifier 1         | Value 1          | Qualifier 2 | Value 2          | Units    | Qualifier 1              | Value 1     | Qualifier 2 | Value 2                                               | Qualifier 3 | Value 3                                               | Units     |          |                       |                      |
| 00400     | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          | =                        | 8.0         |             |                                                       | =           | 8.9                                                   | 12 - SU   | 0        | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          | >=                       | 6.5 MINIMUM |             |                                                       | <=          | 9.0 MAXIMUM                                           | 12 - SU   |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                       |                      |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | =           | 16.0                                                  | =           | 17.0                                                  | 19 - mg/L | 0        | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             | <=          | 35.0 30DA AVG                                         | <=          | 70.0 DAILY MX                                         | 19 - mg/L |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                       |                      |
| 00530     | Solids, total suspended                  | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 19 - mg/L |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |          |                       |                      |
| 00545     | Solids, settleable                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | <           | 0.1                                                   | <           | 0.1                                                   | 25 - mL/L | 0        | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      | <=          | 0.5 DAILY MX                                          | 25 - mL/L |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                       |                      |
| 00545     | Solids, settleable                       | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 25 - mL/L |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |          |                       |                      |
| 01045     | Iron, total [as Fe]                      | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             | =           | 1175.0                                                | =           | 1330.0                                                | 28 - ug/L | 0        | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             | <=          | 3500.0 30DA AVG                                       | <=          | 7000.0 DAILY MX                                       | 28 - ug/L |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                       |                      |
| 01045     | Iron, total [as Fe]                      | O - See Comments    | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             | Req Mon 30DA AVG                                      |             | Req Mon DAILY MX                                      | 28 - ug/L |          | 01/07 - Weekly        | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             | 9 - Conditional Monitoring - Not Required This Period |             | 9 - Conditional Monitoring - Not Required This Period |           |          |                       |                      |
| 03582     | Oil and grease                           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          | 77/77 - Contingent    | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |             |             |                                                       | <=          | 10.0 INST MAX                                         | 19 - mg/L |          |                       |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                       |                      |
|           |                                          |                     |          |             |             |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                       |                      |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 0.217            | =           | 0.355            | 03 - MGD |                          |             |             |                                                       |             |                                                       |           | 0        | 01/07 - Weekly        | IN - INSTAN          |
|           |                                          |                     |          |             | Permit Req. |                     | Req Mon 30DA AVG |             | Req Mon DAILY MX | 03 - MGD |                          |             |             |                                                       |             |                                                       |           |          | 99/99 - Continuous    | RC - Recorder (auto) |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |             |             |                                                       |             |                                                       |           |          |                       |                      |

|       |                       |                    |   |    |             |  |  |   |                  |              |  |  |  |  |  |  |  |                |             |
|-------|-----------------------|--------------------|---|----|-------------|--|--|---|------------------|--------------|--|--|--|--|--|--|--|----------------|-------------|
| 84066 | Oil and grease visual | 1 - Effluent Gross | 0 | -- | Sample      |  |  | = | 0.0              | 9P - N=0;Y=1 |  |  |  |  |  |  |  | 01/07 - Weekly | VI - VISUAL |
|       |                       |                    |   |    | Permit Req. |  |  |   | Req Mon INST MAX | 9P - N=0;Y=1 |  |  |  |  |  |  |  | 01/07 - Weekly | VI - VISUAL |
|       |                       |                    |   |    | Value NODI  |  |  |   |                  |              |  |  |  |  |  |  |  |                |             |

Submission Note

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Edit Check Errors

No errors.

Comments

Permit modification approved to monitor flow instantaneously on a weekly basis

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

User: MBLQMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2023-05-26 09:12 (Time Zone: -06:00)

Report Last Signed By

User: MBLQMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2023-05-27 07:52 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0027154

Major:

Yes

Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27  
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27  
APX 20 MI SW OF STEAMBOAT SPGS  
ROUTT COUNTY, CO 80467

Permitted Feature:

MON  
External Outfall

Discharge:

MON-7  
MINE 1, POND F TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

05/28/23

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

| Parameter |                                           | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |         |             |         |       | Quality or Concentration |         |                  |         |             |                  | # of Ex.  | Frequency of Analysis | Sample Type     |           |
|-----------|-------------------------------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|---------|------------------|---------|-------------|------------------|-----------|-----------------------|-----------------|-----------|
| Code      | Name                                      |                     |          |             |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1              | Value 1 | Qualifier 2      | Value 2 | Qualifier 3 | Value 3          | Units     |                       |                 |           |
| 01002     | Arsenic, total [as As]                    | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | <       | 0.4              |         | <           | 0.4              | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |
| 01303     | Zinc, potentially dissolved               | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | <       | 20.0             |         | <           | 20.0             | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |
| 01314     | Chromium, trivalent, potentially dissolvd | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | <       | 0.5              |         | <           | 0.5              | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |
| 01318     | Lead, potentially dissolvd                | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | =       | 0.44             |         | =           | 0.44             | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |
| 01322     | Nickel, potentially dissolved             | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | <       | 8.0              |         | <           | 8.0              | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |
| 01323     | Selenium, potentially dissolvd            | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | =       | 1.27             |         | =           | 1.27             | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2023-05-26 09:16 (Time Zone: -06:00)

Report Last Signed By

User:

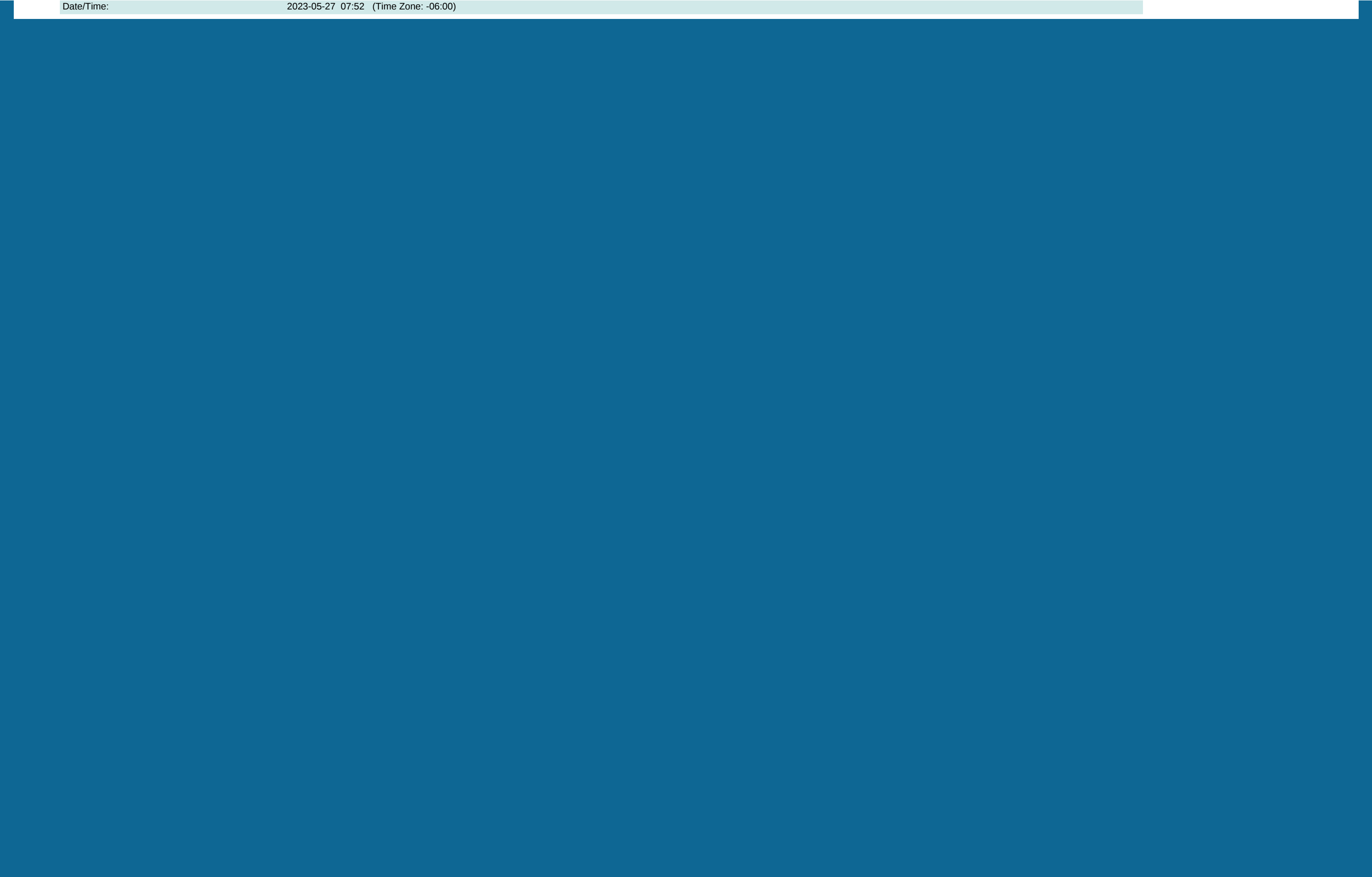
MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com



DMR Copy of Record

Permit

Permit #:

CO0027154

Major:

Yes

Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27  
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27  
APX 20 MI SW OF STEAMBOAT SPGS  
ROUTT COUNTY, CO 80467

Permitted Feature:

MON  
External Outfall

Discharge:

MON-5  
MINE 1, POND D TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

05/28/23

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

| Parameter |                                           | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |         |             |         |       | Quality or Concentration |         |                  |         |             |                  | # of Ex.  | Frequency of Analysis | Sample Type     |           |
|-----------|-------------------------------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|---------|------------------|---------|-------------|------------------|-----------|-----------------------|-----------------|-----------|
| Code      | Name                                      |                     |          |             |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1              | Value 1 | Qualifier 2      | Value 2 | Qualifier 3 | Value 3          | Units     |                       |                 |           |
| 01002     | Arsenic, total [as As]                    | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | =       | 0.78             |         | =           | 0.78             | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |
| 01303     | Zinc, potentially dissolved               | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | <       | 40.0             |         | <           | 40.0             | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |
| 01314     | Chromium, trivalent, potentially dissolvd | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | <       | 1.0              |         | <           | 1.0              | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |
| 01318     | Lead, potentially dissolvd                | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | =       | 0.48             |         | =           | 0.48             | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |
| 01322     | Nickel, potentially dissolvd              | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | =       | 6.96             |         | =           | 6.96             | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |
| 01323     | Selenium, potentially dissolvd            | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | =       | 5.0              |         | =           | 5.0              | 28 - ug/L | 0                     | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | Req Mon 30DA AVG |         |             | Req Mon DAILY MX | 28 - ug/L |                       | 01/30 - Monthly | GR - GRAB |
|           |                                           |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |                  |         |             |                  |           |                       |                 |           |

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

User:

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Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2023-05-26 09:14 (Time Zone: -06:00)

Report Last Signed By

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Name:

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