

DMR Copy of Record

Permit

Permit #:

CO0042161

Major:

No

Permittee:

Twentymile Coal Company

Permittee Address:

29515 CR 27  
Oak Creek, CO 80467

Facility:

FOIDEL CREEK MINE

Facility Location:

29515 CR 27  
OAK CREEK, CO 80467

Permitted Feature:

001  
External Outfall

Discharge:

001-A  
POND DISCHARGE TO FISH CREEK

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

07/28/23

Status:

NetDMR Validated

Considerations for Form Completion

OIL & GREASE GRAB SAMPLE REQUIERD IF VISIBLE SHEEN IS OBSERVED - SEE I.C.18. SALINITY MONITORING - SEEI.B.2. QTRTRY SAMPLING INSTRUCTIONS - I.C.10. REPORT RESULTS ON MARCH, JUNE, SEPT. AND DEC DRMS. 30DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD REPORTED

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Twentymile Coal Company

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| User:                               | MBLOMQUIST@PEABODYENERGY.COM         |
| Name:                               | Miranda Kawcak                       |
| E-Mail:                             | mblomquist@peabodyenergy.com         |
| Date/Time:                          | 2023-07-28 09:42 (Time Zone: -06:00) |
| <i><b>Report Last Signed By</b></i> |                                      |
| User:                               | MBLOMQUIST@PEABODYENERGY.COM         |
| Name:                               | Miranda Kawcak                       |
| E-Mail:                             | mblomquist@peabodyenergy.com         |
| Date/Time:                          | 2023-07-28 21:36 (Time Zone: -06:00) |

DMR Copy of Record

Permit

Permit #:

CO0042161

Major:

No

Permittee:

Twentymile Coal Company

Permittee Address:

29515 CR 27  
Oak Creek, CO 80467

Facility:

FOIDEL CREEK MINE

Facility Location:

29515 CR 27  
OAK CREEK, CO 80467

Permitted Feature:

001  
External Outfall

Discharge:

001-W  
ACUTE WET TESTING FOR 001A

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

07/28/23

Status:

NetDMR Validated

Considerations for Form Completion

SEE PART I.A.4, PP 6-8 FOR DETAILSO F TEST PROCEDURE. REPORT LC50 -STAT. POINT ESTIMATE WHICH IS LETHALTO 50% OF TEST ORGANISMS AND ATTACH ACUTE TOXICITY REPORT FORM TO DMR.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

| Code  | Parameter                                    | Monitoring Location | Season # | Param. NODI |             | Quantity or Loading |         |             |         |       | Quality or Concentration |                  |             |         |             |         | # of Ex. | Frequency of Analysis | Sample Type |
|-------|----------------------------------------------|---------------------|----------|-------------|-------------|---------------------|---------|-------------|---------|-------|--------------------------|------------------|-------------|---------|-------------|---------|----------|-----------------------|-------------|
|       | Name                                         |                     |          |             |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1              | Value 1          | Qualifier 2 | Value 2 | Qualifier 3 | Value 3 | Units    |                       |             |
| TAM3C | LC50 Static Renewal 48Hr Acute Daphnia magna | 1 - Effluent Gross  | 1        | --          | Sample      |                     |         |             |         |       |                          |                  |             |         |             |         |          | 01/90 - Quarterly     | GR - GRAB   |
|       |                                              |                     |          |             | Permit Req. |                     |         |             |         |       | >=                       | 81.0001 MN VALUE |             |         |             |         | 23 - %   |                       |             |
|       |                                              |                     |          |             | Value NODI  |                     |         |             |         |       |                          | C - No Discharge |             |         |             |         |          |                       |             |

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Twentymile Coal Company

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2023-07-28 09:44 (Time Zone: -06:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2023-07-28 21:36 (Time Zone: -06:00)

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Twentymile Coal Company

Permittee Address:

29515 CR 27  
Oak Creek, CO 80467

Facility:

FOIDEL CREEK MINE

Facility Location:

29515 CR 27  
OAK CREEK, CO 80467

Permitted Feature:

002  
External Outfall

Discharge:

002-A  
DOMESTIC WASTE TO EMERALD SPGS

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

07/28/23

Status:

NetDMR Validated

Considerations for Form Completion

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE GRAB SAMPLE REQUIRED IFVISIBLE SHEEN IS OBSERVED.

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        |          |                         |             |
| 00154     | Sulfate [as S]                           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |             | =           | 187.0            |             |                | 19 - mg/L    | 0        | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |             | <=          | 250.0 30DA AVG   |             |                | 19 - mg/L    |          | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |             |             |                  |             |                |              |          |                         |             |
| 00310     | BOD, 5-day, 20 deg. C                    | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 0.288          | =           | 0.561            | 26 - lb/d |                          |             | =           | 10.0             | =           | 15.0           | 19 - mg/L    | 0        | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. | <=                  | 3.8 30DA AVG   | <=          | 5.6 MX 7D AV     | 26 - lb/d |                          |             | <=          | 30.0 30DA AVG    | <=          | 45.0 MX 7D AV  | 19 - mg/L    |          | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |             |             |                  |             |                |              |          |                         |             |
| X00400    | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           | =                        | 7.5         |             |                  | =           | 9.0            | 12 - SU      | 1        | 01/07 - Weekly          | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                |             |                  |           | >=                       | 6.5 MINIMUM |             |                  | <=          | 8.5 MAXIMUM    | 12 - SU      |          | 01/07 - Weekly          | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |             |             |                  |             |                |              |          |                         |             |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |             | =           | 32.0             | =           | 53.0           | 19 - mg/L    |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |             | <=          | 75.0 30DA AVG    | <=          | 110.0 DAILY MX | 19 - mg/L    |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |             |             |                  |             |                |              |          |                         |             |
| 00630     | Nitrite + Nitrate total [as N]           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |             | =           | 2.49             |             |                | 19 - mg/L    |          | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |             | <=          | 10.0 30DA AVG    |             |                | 19 - mg/L    |          | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |             |             |                  |             |                |              |          |                         |             |
| 00940     | Chloride [as Cl]                         | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |             | =           | 41.4             |             |                | 19 - mg/L    | 0        | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |             | <=          | 250.0 30DA AVG   |             |                | 19 - mg/L    |          | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |             |             |                  |             |                |              |          |                         |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 0.0025         | =           | 0.0045           | 03 - MGD  |                          |             |             |                  |             |                |              | 0        | 01/01 - Daily           | IN - INSTAN |
|           |                                          |                     |          |             | Permit Req. | <=                  | 0.015 30DA AVG |             | Req Mon DAILY MX | 03 - MGD  |                          |             |             |                  |             |                |              |          | 01/01 - Daily           | IN - INSTAN |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |             |             |                  |             |                |              |          |                         |             |
| 50060     | Chlorine, total residual                 | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |             | =           | 0.0              | =           | 0.0            | 19 - mg/L    |          | 01/07 - Weekly          | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |             |             | Req Mon 30DA AVG | <=          | 0.5 DAILY MX   | 19 - mg/L    |          | 01/07 - Weekly          | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |             |             |                  |             |                |              |          |                         |             |
| 74055     | Coliform, fecal general                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |           |                          |             | =           | 8.0              |             |                | 13 - #/100mL |          | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |             |             | Req Mon 30DA GM  |             |                | 13 - #/100mL |          | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |             |             |                  |             |                |              |          |                         |             |
| 74055     | Coliform, fecal general                  | P - See Comments    | 0        | --          | Sample      |                     |                |             |                  |           |                          |             | =           | 0.67             |             |                | 13 - #/100mL |          | 01/YR - Annual          | CA - CALCTD |
|           |                                          |                     |          |             | Permit Req. |                     |                |             |                  |           |                          |             | <=          | 2.2 ANNL AVG     |             |                | 13 - #/100mL |          | 01/YR - Annual          | CA - CALCTD |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |           |                          |             |             |                  |             |                |              |          |                         |             |

Submission Note

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Edit Check Errors

| Parameter |      | Monitoring Location | Field                                   | Type | Description                                                                                                       | Acknowledge |
|-----------|------|---------------------|-----------------------------------------|------|-------------------------------------------------------------------------------------------------------------------|-------------|
| Code      | Name |                     |                                         |      |                                                                                                                   |             |
| 00400     | pH   | 1 - Effluent Gross  | Quality or Concentration Sample Value 3 | Soft | The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. | Yes         |

Comments

|                                                    |                                      |
|----------------------------------------------------|--------------------------------------|
| Outfall only discharge the last two weeks of April |                                      |
| <b>Attachments</b>                                 |                                      |
| <i>No attachments.</i>                             |                                      |
| <b>Report Last Saved By</b>                        |                                      |
| <b>Twentymile Coal Company</b>                     |                                      |
| User:                                              | MBLOMQUIST@PEABODYENERGY.COM         |
| Name:                                              | Miranda Kawcak                       |
| E-Mail:                                            | mblomquist@peabodyenergy.com         |
| Date/Time:                                         | 2023-07-28 10:40 (Time Zone: -06:00) |
| <b>Report Last Signed By</b>                       |                                      |
| User:                                              | MBLOMQUIST@PEABODYENERGY.COM         |
| Name:                                              | Miranda Kawcak                       |
| E-Mail:                                            | mblomquist@peabodyenergy.com         |
| Date/Time:                                         | 2023-07-28 21:36 (Time Zone: -06:00) |

DMR Copy of Record

Permit

Permit #:

CO0042161

Major:

No

Permittee:

Twentymile Coal Company

Permittee Address:

29515 CR 27  
Oak Creek, CO 80467

Facility:

FOIDEL CREEK MINE

Facility Location:

29515 CR 27  
OAK CREEK, CO 80467

Permitted Feature:

300  
Influent Structure

Discharge:

300-I  
INFLUENT MEASUREMENTS

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

07/28/23

Status:

NetDMR Validated

Considerations for Form Completion

INFLUENT SAMPLES MUST BE COLLECTED, ANALYZED AND REPORTED MONTHLY REGARDLESS OF WHETHER AN EFFLUENTDISCHARGE OCCURS. HYDRAULIC CAPACITY = 0.015 MGD; ORGANIC CAPACITY = 31.2 LBS BOD-5/DAY.

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     |          |                       |             |
| 00310     | BOD, 5-day, 20 deg. C                    | G - Raw Sewage Influent | 0        | --          | Sample      | =                   | 12.1             | =           | 12.1             | 26 - lb/d |                          |         | =           | 156.0            | =           | 156.0            | 19 - mg/L | 0        | 01/30 - Monthly       | CP - COMPOS |
|           |                                          |                         |          |             | Permit Req. |                     | Req Mon 30DA AVG |             | Req Mon MX 7D AV | 26 - lb/d |                          |         |             | Req Mon 30DA AVG |             | Req Mon MX 7D AV | 19 - mg/L |          | 01/30 - Monthly       | CP - COMPOS |
|           |                                          |                         |          |             | Value NODI  |                     |                  |             |                  |           |                          |         |             |                  |             |                  |           |          |                       |             |
| 50050     | Flow, in conduit or thru treatment plant | G - Raw Sewage Influent | 0        | --          | Sample      | =                   | 0.0127           | =           | 0.0155           | 03 - MGD  |                          |         |             |                  |             |                  |           | 0        | 01/01 - Daily         | CN - CONTIN |
|           |                                          |                         |          |             | Permit Req. |                     | Req Mon 30DA AVG |             | Req Mon DAILY MX | 03 - MGD  |                          |         |             |                  |             |                  |           |          | 01/01 - Daily         | CN - CONTIN |
|           |                                          |                         |          |             | Value NODI  |                     |                  |             |                  |           |                          |         |             |                  |             |                  |           |          |                       |             |

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Twentymile Coal Company

User:

Name:

E-Mail:

Date/Time:

MBLOMQUIST@PEABODYENERGY.COM

Miranda Kawcak

mblomquist@peabodyenergy.com

2023-07-28 10:25 (Time Zone: -06:00)

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

MBLOMQUIST@PEABODYENERGY.COM

Miranda Kawcak

mblomquist@peabodyenergy.com

2023-07-28 21:36 (Time Zone: -06:00)



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Permittee Address:

29515 CR 27  
Oak Creek, CO 80467

Facility:

FOIDEL CREEK MINE

Facility Location:

29515 CR 27  
OAK CREEK, CO 80467

Permitted Feature:

MON  
External Outfall

Discharge:

MON-1  
POND DISCHARGE TO FISH CREEK

Report Dates & Status

Monitoring Period:

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

DMR Due Date:

07/28/23

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

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Comments

Attachments

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Name: Miranda Kawcak  
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