

DMR Copy of Record

Permit

Permit #:

CO0048275

Major:

Yes

Permittee:

Peabody Sage Creek Mining LLC

Permittee Address:

29515 RCR 27  
Oak Creek, CO 80467

Facility:

SAGE CREEK MINE COMPLEX

Facility Location:

36600 CR 27  
HAYDEN, CO 81639

Permitted Feature:

007  
External Outfall

Discharge:

007-A  
Stormwater Runoff to Grassy Creek

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

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            |          |                              |             |           |
| 00400     | pH                                        | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |                  |                    |                  |                  |                  |                  |          | 02/30 - Twice Per Month      | 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      |                     |                  |             |                  |          |                          |                  |                    |                  |                  |                  |                  |          | 02/30 - Twice Per Month      | GR - GRAB   |           |
|           |                                           |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          | <=               | 35.0 30DA AVG      | <=               | 70.0 MX 7D AV    | 19 - mg/L        |                  |          |                              |             |           |
|           |                                           |                     |          |             | Value NODI  |                     |                  |             |                  |          | C - No Discharge         |                  |                    | C - No Discharge |                  |                  |                  |          |                              |             |           |
| 00980     | Iron, total recoverable                   | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |                  |                    |                  |                  |                  |                  |          | 02/30 - Twice Per Month      | GR - GRAB   |           |
|           |                                           |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          | <=               | 1000.0 30DA AVG    | <=               | 6000.0 DAILY MX  | 28 - ug/L        |                  |          |                              |             |           |
|           |                                           |                     |          |             | Value NODI  |                     |                  |             |                  |          | C - No Discharge         |                  |                    | C - No Discharge |                  |                  |                  |          |                              |             |           |
| 01303     | Zinc, potentially dissolved               | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |                  |                    |                  |                  |                  |                  |          | 01/PT - Once Per Permit Term | GR - GRAB   |           |
|           |                                           |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |                  |                    |                  |                  | Req Mon DAILY MX | 28 - ug/L        |          |                              |             |           |
|           |                                           |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |                  |                    |                  | C - No Discharge |                  |                  |          |                              |             |           |
| 01306     | Copper, potentially dissolved             | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |                  |                    |                  |                  |                  |                  |          | 01/PT - Once Per Permit Term | GR - GRAB   |           |
|           |                                           |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |                  |                    |                  |                  | Req Mon DAILY MX | 28 - ug/L        |          |                              |             |           |
|           |                                           |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |                  |                    |                  | C - No Discharge |                  |                  |          |                              |             |           |
| 01313     | Cadmium, potentially dissolvd             | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |                  |                    |                  |                  |                  |                  |          | 01/PT - Once Per Permit Term | GR - GRAB   |           |
|           |                                           |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |                  |                    |                  |                  | Req Mon DAILY MX | 28 - ug/L        |          |                              |             |           |
|           |                                           |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |                  |                    |                  | C - No Discharge |                  |                  |          |                              |             |           |
| 01314     | Chromium, trivalent, potentially dissolvd | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |                  |                    |                  |                  |                  |                  |          | 01/PT - Once Per Permit Term | GR - GRAB   |           |
|           |                                           |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |                  |                    |                  |                  | Req Mon DAILY MX | 28 - ug/L        |          |                              |             |           |
|           |                                           |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |                  |                    |                  | C - No Discharge |                  |                  |          |                              |             |           |
| 01323     | Selenium, potentially dissolvd            | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |                  |                    |                  |                  |                  |                  |          | 02/30 - Twice Per Month      | GR - GRAB   |           |
|           |                                           |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |                  |                    |                  |                  | Req Mon 30DA AVG | Req Mon DAILY MX |          |                              |             | 28 - ug/L |
|           |                                           |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |                  |                    |                  | C - No Discharge | C - No Discharge |                  |          |                              |             |           |
| 50050     | Flow, in conduit or thru treatment plant  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |                  |                    |                  |                  |                  |                  |          | 02/30 - Twice Per Month      | IN - INSTAN |           |
|           |                                           |                     |          |             | Permit Req. |                     | Req Mon 30DA AVG |             | Req Mon DAILY MX | 03 - MGD |                          |                  |                    |                  |                  |                  |                  |          |                              |             |           |
|           |                                           |                     |          |             | Value NODI  |                     | C - No Discharge |             | C - No Discharge |          |                          |                  |                    |                  |                  |                  |                  |          |                              |             |           |
| 50092     | Mercury, total low level                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |                  |                    |                  |                  |                  |                  |          | 01/PT - Once Per Permit Term | GR - GRAB   |           |
|           |                                           |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          |                  |                    |                  |                  | Req Mon DAILY MX | 28 - ug/L        |          |                              |             |           |
|           |                                           |                     |          |             | Value NODI  |                     |                  |             |                  |          |                          |                  |                    |                  | C - No Discharge |                  |                  |          |                              |             |           |
| 84066     | Oil and grease visual                     | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |          |                          |                  |                    |                  |                  |                  |                  |          | 02/30 - Twice Per Month      | VI - VISUAL |           |
|           |                                           |                     |          |             | Permit Req. |                     |                  |             |                  |          |                          | Req Mon INST MAX | AB - abst=0,prst=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

Peabody Sage Creek Mining LLC

User:

TNSUMMERS

|                              |                                      |
|------------------------------|--------------------------------------|
| Name:                        | Troy Summers                         |
| E-Mail:                      | tsummers@wwcengineering.com          |
| Date/Time:                   | 2020-04-21 17:55 (Time Zone: -06:00) |
| <b>Report Last Signed By</b> |                                      |
| User:                        | MBLOMQUIST@PEABODYENERGY.COM         |
| Name:                        | Miranda Kawcak                       |
| E-Mail:                      | mblomquist@peabodyenergy.com         |
| Date/Time:                   | 2020-04-27 11:38 (Time Zone: -06:00) |

DMR Copy of Record

Permit

Permit #:

CO0048275

Major:

Yes

Permittee:

Peabody Sage Creek Mining LLC

Permittee Address:

29515 RCR 27  
Oak Creek, CO 80467

Facility:

SAGE CREEK MINE COMPLEX

Facility Location:

36600 CR 27  
HAYDEN, CO 81639

Permitted Feature:

006  
External Outfall

Discharge:

006-Q  
Quarterly Discharge for 006A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

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 |                           |                       |             |
| 70295     | Solids, total dissolved | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          | =                | 3935.0      |           | 19 - mg/L         | 0       | 06/90 - Six Every Quarter | GR - GRAB             |             |
|           |                         |                     |          |             | Permit Req. |                     |         |             |         |       |                          | Req Mon 30DA AVG |             | 19 - mg/L | 01/90 - Quarterly |         | GR - GRAB                 |                       |             |
|           |                         |                     |          |             | Value NODI  |                     |         |             |         |       |                          |                  |             |           |                   |         |                           |                       |             |

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Peabody Sage Creek Mining LLC

User:

TNSUMMERS

Name:

Troy Summers

E-Mail:

tsummers@wwcengineering.com

Date/Time:

2020-04-21 17:54 (Time Zone: -06:00)

Report Last Signed By

MBLOMQUIST@PEABODYENERGY.COM

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-04-27 11:38 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0048275

Major:

Yes

Permittee:

Peabody Sage Creek Mining LLC

Permittee Address:

29515 RCR 27  
Oak Creek, CO 80467

Facility:

SAGE CREEK MINE COMPLEX

Facility Location:

36600 CR 27  
HAYDEN, CO 81639

Permitted Feature:

006  
External Outfall

Discharge:

006-A  
Spoil Spring Discharge to Cow Camp Creek

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

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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| 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      |                     |               |             |                  |          | =                        | 7.51        |             |                  | =           | 7.53          | 12 - SU   | 0        | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          | >=                       | 6.5 MINIMUM |             |                  | <=          | 9.0 MAXIMUM   | 12 - SU   |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |             |                  |             |               |           |          |                         |             |
| 00980     | Iron, total recoverable                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               |             |                  |          |                          |             | <           | 80.0             |             |               | 28 - ug/L | 0        | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          |                          |             | <=          | 1000.0 30DA AVG  |             |               | 28 - ug/L |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |             |                  |             |               |           |          |                         |             |
| 01323     | Selenium, potentially dissolvd           | 1 - Effluent Gross  | 3        | --          | Sample      |                     |               |             |                  |          |                          |             | =           | 3.65             | =           | 4.5           | 28 - ug/L | 0        | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |          |                          |             |             | Req Mon 30DA AVG | <=          | 18.4 DAILY MX | 28 - ug/L |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |          |                          |             |             |                  |             |               |           |          |                         |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 3        | --          | Sample      | =                   | 0.0399        | =           | 0.0413           | 03 - MGD |                          |             |             |                  |             |               |           | 0        | 02/30 - Twice Per Month | IN - INSTAN |
|           |                                          |                     |          |             | Permit Req. | <=                  | 0.04 30DA AVG |             | Req Mon DAILY MX | 03 - MGD |                          |             |             |                  |             |               |           |          | 02/30 - Twice Per Month | IN - INSTAN |
|           |                                          |                     |          |             | 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

SSSPG1

Attachments

No attachments.

Report Last Saved By

Peabody Sage Creek Mining LLC

User:

TNSUMMERS

Name:

Troy Summers

E-Mail:

tsummers@wwcengineering.com

Date/Time:

2020-04-21 17:51 (Time Zone: -06:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-04-27 11:38 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0048275

Major:

Yes

Permittee:

Peabody Sage Creek Mining LLC

Permittee Address:

29515 RCR 27  
Oak Creek, CO 80467

Facility:

SAGE CREEK MINE COMPLEX

Facility Location:

36600 CR 27  
HAYDEN, CO 81639

Permitted Feature:

005  
External Outfall

Discharge:

005-Q  
Quarterly Discharge for 005A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

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

SSSPG2, Discharge Flow 1/6 Quarterly Events.

Attachments

No attachments.

Report Last Saved By

Peabody Sage Creek Mining LLC

User:

TNSUMMERS

Name:

Troy Summers

E-Mail:

tsummers@wwcengineering.com

Date/Time:

2020-04-21 17:47 (Time Zone: -06:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-04-27 11:38 (Time Zone: -06:00)

DMR Copy of Record

Permit

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Major:

Yes

Permittee:

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Permittee Address:

29515 RCR 27  
Oak Creek, CO 80467

Facility:

SAGE CREEK MINE COMPLEX

Facility Location:

36600 CR 27  
HAYDEN, CO 81639

Permitted Feature:

005  
External Outfall

Discharge:

005-A  
Spoil Spring Discharge to Cow Camp Creek

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

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04/28/20

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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| 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      |                     |                |             |                  |          | =                        | 7.97        |             |                  | =           | 7.97          | 12 - SU   |          | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                |             |                  |          | >=                       | 6.5 MINIMUM |             |                  | <=          | 9.0 MAXIMUM   | 12 - SU   | 0        | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |          |                          |             |             |                  |             |               |           |          |                         |             |
| 00980     | Iron, total recoverable                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                |             |                  |          |                          |             | =           | 80.0             |             |               | 28 - ug/L |          | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                |             |                  |          |                          |             | <=          | 1000.0 30DA AVG  |             |               | 28 - ug/L | 0        | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |          |                          |             |             |                  |             |               |           |          |                         |             |
| 01323     | Selenium, potentially dissolvd           | 1 - Effluent Gross  | 3        | --          | Sample      |                     |                |             |                  |          |                          |             | =           | 3.0              | =           | 3.0           | 28 - ug/L |          | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |                |             |                  |          |                          |             |             | Req Mon 30DA AVG | <=          | 18.4 DAILY MX | 28 - ug/L | 0        | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |          |                          |             |             |                  |             |               |           |          |                         |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 3        | --          | Sample      | =                   | 0.001          | =           | 0.002            | 03 - MGD |                          |             |             |                  |             |               |           |          | 02/30 - Twice Per Month | IN - INSTAN |
|           |                                          |                     |          |             | Permit Req. | <=                  | 0.033 30DA AVG |             | Req Mon DAILY MX | 03 - MGD |                          |             |             |                  |             |               |           | 0        | 02/30 - Twice Per Month | IN - INSTAN |
|           |                                          |                     |          |             | Value NODI  |                     |                |             |                  |          |                          |             |             |                  |             |               |           |          |                         |             |

Submission Note

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Edit Check Errors

No errors.

Comments

SSSPG2, Discharge Flow 1/2 Monthly Events.

Attachments

No attachments.

Report Last Saved By

Peabody Sage Creek Mining LLC

User:

TNSUMMERS

Name:

Troy Summers

E-Mail:

tsummers@wwcengineering.com

Date/Time:

2020-04-21 17:31 (Time Zone: -06:00)

Report Last Signed By

MBLOMQUIST@PEABODYENERGY.COM

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-04-27 11:38 (Time Zone: -06:00)

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Permit

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Facility Location:

36600 CR 27  
HAYDEN, CO 81639

Permitted Feature:

003  
External Outfall

Discharge:

003-A  
Discharge to Grassy Creek

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TR iron limits waived for >10YR,24HR precip event subject to burden of proof in I.C.1. Oil and grease - see C.1.a, pg 5.

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      |                     |                 |             |         |                    |                          | =               | 7.78        |         |                  | =               | 7.79          | 12 - SU                                               |                         | 02/30 - Twice Per Month | GR - GRAB               |                         |             |
|           |                                          |                     |          |             | Permit Req. |                     |                 |             |         |                    | >=                       | 6.5 MINIMUM     |             |         | <=               | 9.0 MAXIMUM     | 12 - SU       | 0                                                     | 02/30 - Twice Per Month | GR - GRAB               |                         |                         |             |
|           |                                          |                     |          |             | Value NODI  |                     |                 |             |         |                    |                          |                 |             |         |                  |                 |               |                                                       |                         |                         |                         |                         |             |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                 |             |         |                    |                          | =               | 6.0         |         |                  | =               | 6.0           | 19 - mg/L                                             |                         | 02/30 - Twice Per Month | GR - GRAB               |                         |             |
|           |                                          |                     |          |             | Permit Req. |                     |                 |             |         |                    | <=                       | 35.0 30DA AVG   |             |         | <=               | 70.0 MX 7D AV   | 19 - mg/L     | 0                                                     | 02/30 - Twice Per Month | GR - GRAB               |                         |                         |             |
|           |                                          |                     |          |             | Value NODI  |                     |                 |             |         |                    |                          |                 |             |         |                  |                 |               |                                                       |                         |                         |                         |                         |             |
| 00980     | Iron, total recoverable                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                 |             |         |                    |                          | =               | 290.0       |         |                  | =               | 380.0         | 28 - ug/L                                             |                         | 02/30 - Twice Per Month | GR - GRAB               |                         |             |
|           |                                          |                     |          |             | Permit Req. |                     |                 |             |         |                    | <=                       | 1000.0 30DA AVG |             |         | <=               | 6000.0 DAILY MX | 28 - ug/L     | 0                                                     | 02/30 - Twice Per Month | GR - GRAB               |                         |                         |             |
|           |                                          |                     |          |             | Value NODI  |                     |                 |             |         |                    |                          |                 |             |         |                  |                 |               |                                                       |                         |                         |                         |                         |             |
| 01323     | Selenium, potentially dissolvd           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                 |             |         |                    |                          | =               | 2.2         |         |                  | =               | 2.7           | 28 - ug/L                                             |                         | 02/30 - Twice Per Month | GR - GRAB               |                         |             |
|           |                                          |                     |          |             | Permit Req. |                     |                 |             |         |                    |                          |                 |             |         | Req Mon 30DA AVG | <=              | 18.4 DAILY MX | 28 - ug/L                                             | 0                       | 02/30 - Twice Per Month | GR - GRAB               |                         |             |
|           |                                          |                     |          |             | Value NODI  |                     |                 |             |         |                    |                          |                 |             |         |                  |                 |               |                                                       |                         |                         |                         |                         |             |
| 03582     | Oil and grease                           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                 |             |         |                    |                          |                 |             |         |                  |                 |               |                                                       |                         |                         |                         |                         |             |
|           |                                          |                     |          |             | Permit Req. |                     |                 |             |         |                    |                          |                 |             |         |                  |                 | <=            | 10.0 INST MAX                                         | 19 - mg/L               |                         | 77/77 - Contingent      | GR - GRAB               |             |
|           |                                          |                     |          |             | Value NODI  |                     |                 |             |         |                    |                          |                 |             |         |                  |                 |               | 9 - Conditional Monitoring - Not Required This Period |                         |                         |                         |                         |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample      | =                   | 0.004           | =           | 0.0053  | 03 - MGD           |                          |                 |             |         |                  |                 |               |                                                       |                         |                         | 02/30 - Twice Per Month | IN - INSTAN             |             |
|           |                                          |                     |          |             | Permit Req. | <=                  | 0.1195 30DA AVG |             |         | Req Mon DAILY MX   | 03 - MGD                 |                 |             |         |                  |                 |               |                                                       |                         |                         | 0                       | 02/30 - Twice Per Month | IN - INSTAN |
|           |                                          |                     |          |             | Value NODI  |                     |                 |             |         |                    |                          |                 |             |         |                  |                 |               |                                                       |                         |                         |                         |                         |             |
| 84066     | Oil and grease visual                    | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                 | =           | 0.0     | AB - abst=0;prst=1 |                          |                 |             |         |                  |                 |               |                                                       |                         |                         | 02/30 - Twice Per Month | VI - VISUAL             |             |
|           |                                          |                     |          |             | Permit Req. |                     |                 |             |         | Req Mon INST MAX   | AB - abst=0;prst=1       |                 |             |         |                  |                 |               |                                                       |                         |                         | 0                       | 02/30 - Twice Per Month | VI - VISUAL |
|           |                                          |                     |          |             | Value NODI  |                     |                 |             |         |                    |                          |                 |             |         |                  |                 |               |                                                       |                         |                         |                         |                         |             |

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Peabody Sage Creek Mining LLC

User:

Name:

E-Mail:

Date/Time:

TNSUMMERS

Troy Summers

tsummers@wwcengineering.com

2020-04-21 17:28 (Time Zone: -06:00)

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

MBLOMQUIST@PEABODYENERGY.COM

Miranda Kawcak

mblomquist@peabodyenergy.com

2020-04-27 11:38 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0048275

Major:

Yes

Permittee:

Peabody Sage Creek Mining LLC

Permittee Address:

29515 RCR 27  
Oak Creek, CO 80467

Facility:

SAGE CREEK MINE COMPLEX

Facility Location:

36600 CR 27  
HAYDEN, CO 81639

Permitted Feature:

002  
External Outfall

Discharge:

002-A  
Discharge to Little Grassy Creek

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TR iron limits waived for >10YR,24HR precip event subject to burden of proof in I.C.1. Oil and grease - see C.1.a, pg 5.

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      |                     |               |             |                  |                    | =                        | 7.58        |             |                  | =           | 7.58                                                  | 12 - SU   |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |                    | >=                       | 6.5 MINIMUM |             |                  | <=          | 9.0 MAXIMUM                                           | 12 - SU   | 0        | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |                    |                          |             |             |                  |             |                                                       |           |          |                         |             |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               |             |                  |                    |                          |             | <           | 20.0             | <           | 20.0                                                  | 19 - mg/L |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |                    |                          |             | <=          | 35.0 30DA AVG    | <=          | 70.0 MX 7D AV                                         | 19 - mg/L | 0        | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |                    |                          |             |             |                  |             |                                                       |           |          |                         |             |
| 00980     | Iron, total recoverable                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               |             |                  |                    |                          |             | =           | 40.0             | =           | 40.0                                                  | 28 - ug/L |          | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |                    |                          |             | <=          | 1000.0 30DA AVG  | <=          | 6000.0 DAILY MX                                       | 28 - ug/L | 0        | 01/30 - Monthly         | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |                    |                          |             |             |                  |             |                                                       |           |          |                         |             |
| 01323     | Selenium, potentially dissolvd           | 1 - Effluent Gross  | 3        | --          | Sample      |                     |               |             |                  |                    |                          |             | =           | 2.05             | =           | 3.0                                                   | 28 - ug/L |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |                    |                          |             |             | Req Mon 30DA AVG | <=          | 18.4 DAILY MX                                         | 28 - ug/L | 0        | 02/30 - Twice Per Month | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |                    |                          |             |             |                  |             |                                                       |           |          |                         |             |
| 03582     | Oil and grease                           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               |             |                  |                    |                          |             |             |                  |             |                                                       |           |          |                         |             |
|           |                                          |                     |          |             | Permit Req. |                     |               |             |                  |                    |                          |             |             |                  | <=          | 10.0 INST MAX                                         | 19 - mg/L |          | 77/77 - Contingent      | GR - GRAB   |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |                    |                          |             |             |                  |             | 9 - Conditional Monitoring - Not Required This Period |           |          |                         |             |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 3        | --          | Sample      | =                   | 0.0773        | =           | 0.1117           | 03 - MGD           |                          |             |             |                  |             |                                                       |           |          | 02/30 - Twice Per Month | IN - INSTAN |
|           |                                          |                     |          |             | Permit Req. | <=                  | 0.24 30DA AVG |             | Req Mon DAILY MX | 03 - MGD           |                          |             |             |                  |             |                                                       |           | 0        | 02/30 - Twice Per Month | IN - INSTAN |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |                    |                          |             |             |                  |             |                                                       |           |          |                         |             |
| 84066     | Oil and grease visual                    | 1 - Effluent Gross  | 0        | --          | Sample      |                     |               | =           | 0.0              | AB - abst=0;prst=1 |                          |             |             |                  |             |                                                       |           |          | 02/30 - Twice Per Month | VI - VISUAL |
|           |                                          |                     |          |             | Permit Req. |                     |               |             | Req Mon INST MAX | AB - abst=0;prst=1 |                          |             |             |                  |             |                                                       |           | 0        | 02/30 - Twice Per Month | VI - VISUAL |
|           |                                          |                     |          |             | Value NODI  |                     |               |             |                  |                    |                          |             |             |                  |             |                                                       |           |          |                         |             |

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Peabody Sage Creek Mining LLC

User:

TNSUMMERS

Name:

Troy Summers

E-Mail:

tsummers@wwcengineering.com

Date/Time:

2020-04-21 17:25 (Time Zone: -06:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-04-27 11:38 (Time Zone: -06:00)