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Permit

Permit #:

COG850001

Major:

No

Permitted Feature:

003  
External Outfall

Permittee:

GCC Energy LLC

Permittee Address:

PO Box 100  
Tijeras, NM 87059

Discharge:

003-A  
SURFACE RUNNOFF TO HAY GULCH

Facility:

KING COAL MINE

Facility Location:

4424 COUNTY ROAD 120  
LA PLATA COUNTY, CO 81326

Report Dates & Status

Monitoring Period:

From 04/01/24 to 06/30/24

DMR Due Date:

07/28/24

Status:

NetDMR Validated

Considerations for Form Completion

SETTLEABLE SOLIDS LIMIT WAIVED FOR10-YR, 24 HR PRECIP EVENT SUBJECT TO BURDEN OF PROOF REQUIREMENTS INPART I.B.6. ANY ADDITIONAL DATA SHALL BE SUPPLIED TO THE DIVISION WITHIN 48 HOURS.

Principal Executive Officer

First Name:

Sarah

Last Name:

Vance

Title:

Environmental Manager

Telephone:

970-259-0271

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      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 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 DAILY MX    | 19 - mg/L |          |                         |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |              |                          |                  |             | C - No Discharge |             | C - No Discharge |           |          |                         |                      |
| 00545     | Solids, settleable                       | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |              |                          |                  |             | Req Mon 30DA AVG | <=          | 0.5 DAILY MX     | 25 - mL/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  |             |                  | 28 - ug/L |          |                         |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |              |                          |                  |             | C - No Discharge |             |                  |           |          |                         |                      |
| 03582     | Oil and grease                           | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 77/77 - Contingent      | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |              |                          |                  |             |                  | <=          | 10.0 DAILY MX    | 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 |              |                          |                  |             |                  |             |                  |           |          |                         |                      |
| 70295     | Solids, total dissolved                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |                  |             |                  |              |                          |                  |             |                  |             |                  |           |          | 01/90 - Quarterly       | GR - GRAB            |
|           |                                          |                     |          |             | Permit Req. |                     |                  |             |                  |              |                          |                  |             | Req Mon 30DA AVG |             | Req Mon DAILY MX | 19 - mg/L |          |                         |                      |
|           |                                          |                     |          |             | Value NODI  |                     |                  |             |                  |              |                          |                  |             | C - No Discharge |             | 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 | 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  |                                      |
| GCC Energy LLC        |                                      |
| User:                 | EGDUMD2023                           |
| Name:                 | Michael Dickson                      |
| E-Mail:               | mdickson@gcc.com                     |
| Date/Time:            | 2024-07-11 18:23 (Time Zone: -06:00) |
| Report Last Signed By |                                      |
| User:                 | EGDUMD2023                           |
| Name:                 | Michael Dickson                      |
| E-Mail:               | mdickson@gcc.com                     |
| Date/Time:            | 2024-07-25 06:40 (Time Zone: -06:00) |