

DMR Copy of Record

Permit

Permit #:

CO0038342

Major:

No

Permittee:

McClane Canyon Mining, LLC

Permittee Address:

P.O. Box 98  
Loma, CO 81524

Facility:

MCCLANE CANYON MINE

Facility Location:

3148 HIGHWAY 139  
APPX 20MI N OF TOWN  
GARFIELD COUNTY, CO 81524

Permitted Feature:

001  
External Outfall

Discharge:

001-A  
Sedi Pond Discharge to East Salt Creek

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Total iron limits will be waived and settleable solids limits applied for <=10YR, 24HR precip event; total iron limits will be waived for >10YR, 24HR precip event - attach documentation.

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

McClane Canyon Mining, LLC

User:

jimstover

Name:

Jim Stover

E-Mail:

jestover@bresnan.net

Date/Time:

2020-09-10 14:45 (Time Zone: -06:00)

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GARFIELD COUNTY, CO 81524

Permitted Feature:

002  
External Outfall

Discharge:

002-A  
Undergournd Mine to East Salt Creek

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

30 day average is highest monthly average reported during period reported. Oil and grease - see I.C.1.a. SAR - report adjusted @ MLOC=P.

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      |          |                         |             |
| 00094     | Conductivity                  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |         |             |                  |                  |                  |            |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                               |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon 30DA AVG |                  |                  | 7B - dS/m  |          |                         |             |
|           |                               |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             | C - No Discharge |                  |                  |            |          |                         |             |
| 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 |                  |            |          |                         |             |
| 00440     | Bicarbonate ion- [as HCO3]    | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |         |             |                  |                  |                  |            |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                               |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon 30DA AVG |                  | Req Mon DAILY MX | 19 - mg/L  |          |                         |             |
|           |                               |                     |          |             | 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. |                     |         |             |         |       |                          |         | <=          | 30.0 30DA AVG    | <=               | 70.0 DAILY MX    | 19 - mg/L  |          |                         |             |
|           |                               |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             | C - No Discharge |                  | C - No Discharge |            |          |                         |             |
| 00918     | Calcium, total recoverable    | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |         |             |                  |                  |                  |            |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                               |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon 30DA AVG |                  | Req Mon DAILY MX | 19 - mg/L  |          |                         |             |
|           |                               |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             | C - No Discharge |                  | C - No Discharge |            |          |                         |             |
| 00921     | Magnesium, total recoverable  | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |         |             |                  |                  |                  |            |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                               |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon 30DA AVG |                  | Req Mon DAILY MX | 19 - mg/L  |          |                         |             |
|           |                               |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             | C - No Discharge |                  | C - No Discharge |            |          |                         |             |
| 00923     | Sodium, total recoverable     | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |         |             |                  |                  |                  |            |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                               |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon 30DA AVG |                  | Req Mon DAILY MX | 19 - mg/L  |          |                         |             |
|           |                               |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             | C - No Discharge |                  | C - No Discharge |            |          |                         |             |
| 00931     | Sodium adsorption ratio       | P - See Comments    | 0        | --          | Sample      |                     |         |             |         |       |                          |         |             |                  |                  |                  |            |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                               |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         |             | Req Mon 30DA AVG |                  | Req Mon DAILY MX | 1U - Ratio |          |                         |             |
|           |                               |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             | C - No Discharge |                  | C - No Discharge |            |          |                         |             |
| 00978     | Arsenic, total recoverable    | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |         |             |                  |                  |                  |            |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                               |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | <=          | 100.0 30DA AVG   |                  |                  | 28 - ug/L  |          |                         |             |
|           |                               |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             | 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  | <=               | 7000.0 DAILY MX  | 28 - ug/L  |          |                         |             |
|           |                               |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             | C - No Discharge |                  | C - No Discharge |            |          |                         |             |
| 01303     | Zinc, potentially dissolved   | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |         |             |                  |                  |                  |            |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                               |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | <=          | 428.0 30DA AVG   | <=               | 564.0 DAILY MX   | 28 - ug/L  |          |                         |             |
|           |                               |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             | C - No Discharge |                  | C - No Discharge |            |          |                         |             |
| 01306     | Copper, potentially dissolved | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |         |             |                  |                  |                  |            |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                               |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | <=          | 29.0 30DA AVG    | <=               | 50.0 DAILY MX    | 28 - ug/L  |          |                         |             |
|           |                               |                     |          |             | Value NODI  |                     |         |             |         |       |                          |         |             | C - No Discharge |                  | C - No Discharge |            |          |                         |             |
| 01313     | Cadmium, potentially dissolvd | 1 - Effluent Gross  | 0        | --          | Sample      |                     |         |             |         |       |                          |         |             |                  |                  |                  |            |          | 02/30 - Twice Per Month | GR - GRAB   |
|           |                               |                     |          |             | Permit Req. |                     |         |             |         |       |                          |         | <=          | 1.2 30DA AVG     | <=               | 9.1 DAILY MX     | 28 - ug/L  |          |                         |             |
|           |                               |                     |          |             |             |                     |         |             |         |       |                          |         |             |                  |                  |                  |            |          |                         |             |

|       |                                          |                    |   |    |             |    |                  |  |                  |                    |  |  |    |                  |    |                  |           |  |                         |             |
|-------|------------------------------------------|--------------------|---|----|-------------|----|------------------|--|------------------|--------------------|--|--|----|------------------|----|------------------|-----------|--|-------------------------|-------------|
|       |                                          |                    |   |    | Value NODI  |    |                  |  |                  |                    |  |  |    | C - No Discharge |    | C - No Discharge |           |  |                         |             |
| 01318 | Lead, potentially dissolvd               | 1 - Effluent Gross | 0 | -- | Sample      |    |                  |  |                  |                    |  |  |    |                  |    |                  |           |  |                         |             |
|       |                                          |                    |   |    | Permit Req. |    |                  |  |                  |                    |  |  | <= | 11.0 30DA AVG    | <= | 281.0 DAILY MX   | 28 - ug/L |  | 02/30 - Twice Per Month | GR - GRAB   |
|       |                                          |                    |   |    | Value NODI  |    |                  |  |                  |                    |  |  |    | C - No Discharge |    | C - No Discharge |           |  |                         |             |
| 01323 | Selenium, potentially dissolvd           | 1 - Effluent Gross | 0 | -- | Sample      |    |                  |  |                  |                    |  |  |    |                  |    |                  |           |  |                         |             |
|       |                                          |                    |   |    | Permit Req. |    |                  |  |                  |                    |  |  | <= | 4.6 30DA AVG     | <= | 18.0 DAILY MX    | 28 - ug/L |  | 02/30 - Twice Per Month | GR - GRAB   |
|       |                                          |                    |   |    | Value NODI  |    |                  |  |                  |                    |  |  |    | C - No Discharge |    | C - No Discharge |           |  |                         |             |
| 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  |    |                  |  |                  |                    |  |  |    |                  |    | C - No Discharge |           |  |                         |             |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Sample      |    |                  |  |                  |                    |  |  |    |                  |    |                  |           |  |                         |             |
|       |                                          |                    |   |    | Permit Req. | <= | 0.216 30DA AVG   |  | Req Mon DAILY MX | 03 - MGD           |  |  |    |                  |    |                  |           |  | 02/30 - Twice Per Month | IN - INSTAN |
|       |                                          |                    |   |    | Value NODI  |    | C - No Discharge |  | C - No Discharge |                    |  |  |    |                  |    |                  |           |  |                         |             |
| 84066 | Oil and grease visual                    | 1 - Effluent Gross | 0 | -- | Sample      |    |                  |  |                  |                    |  |  |    |                  |    |                  |           |  |                         |             |
|       |                                          |                    |   |    | Permit Req. |    |                  |  | Req Mon INST MAX | AB - abst=0;prst=1 |  |  |    |                  |    |                  |           |  | 01/07 - Weekly          | VI - VISUAL |
|       |                                          |                    |   |    | Value NODI  |    |                  |  | C - No Discharge |                    |  |  |    |                  |    |                  |           |  |                         |             |

**Submission Note**

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**Edit Check Errors**

No errors.

**Comments**

**Attachments**

No attachments.

**Report Last Saved By**

**McClane Canyon Mining, LLC**

User: jimstover

Name: Jim Stover

E-Mail: jestover@bresnan.net

Date/Time: 2020-09-10 14:45 (Time Zone: -06:00)

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Name: Jim Stover

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004  
External Outfall

Discharge:

004-A  
Surface Runoff from Haul Road

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