

DMR Copy of Record

Permit

Permit #:

CO0048233

Major:

No

Permittee:

Minrec Inc

Permittee Address:

627 24 1/2 Rd Unit H  
Grand Junction, CO 81505

Facility:

NORTH THOMPSON CREEK MINES

Facility Location:

APPROX 8 MI S OF TOWN  
ON NORTH THOMPSON CRK ROAD  
PITKIN COUNTY, CO 81623

Permitted Feature:

001  
External Outfall

Discharge:

001-A  
Discharge to North Thompson Creek

Report Dates & Status

Monitoring Period:

From 02/01/19 to 02/28/19

DMR Due Date:

03/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Oil and grease - see I.A.1, pg 3. Antidegradation limits begin effective 1-1-12.

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      |          |                         |                      |
| 00010     | Temperature, water deg. centigrade       | 1 - Effluent Gross | 0           | -- | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
|           |                                          |                    |             |    | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon MX WK AV |             |                  | 04 - deg C |          | 99/99 - Continuous      | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             | C - No Discharge |             |                  |            |          |                         |                      |
| 00400     | pH                                       | 1 - Effluent Gross | 0           | -- | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
|           |                                          |                    |             |    | Permit Req.         |         |                  |         |                  | >=                       | 6.5 MINIMUM      |             |                  | <=          | 9 MAXIMUM        | 12 - SU    |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          | C - No Discharge |             |                  |             | C - No Discharge |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 00745     | Sulfide, total [as S]                    | 1 - Effluent Gross | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon 30DA AVG |             |                  | 19 - mg/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             | C - No Discharge |             |                  |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 01002     | Arsenic, total [as As]                   | 1 - Effluent Gross | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon 30DA AVG |             |                  | 28 - ug/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             | C - No Discharge |             |                  |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 01022     | Boron, total [as B]                      | 1 - Effluent Gross | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon 30DA AVG |             |                  | 19 - mg/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             | C - No Discharge |             |                  |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 01046     | Iron, dissolved [as Fe]                  | 1 - Effluent Gross | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon 30DA AVG |             |                  | 28 - ug/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             | C - No Discharge |             |                  |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 01303     | Zinc, potentially dissolved              | 1 - Effluent Gross | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon 30DA AVG |             | Req Mon DAILY MX | 28 - ug/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             | C - No Discharge |             | C - No Discharge |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 01304     | Silver, potentially dissolved            | 1 - Effluent Gross | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon 30DA AVG |             | Req Mon DAILY MX | 28 - ug/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             | C - No Discharge |             | C - No Discharge |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 01306     | Copper, potentially dissolved            | 1 - Effluent Gross | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon 30DA AVG |             | Req Mon DAILY MX | 28 - ug/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             | C - No Discharge |             | C - No Discharge |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 01309     | Arsenic, potentially dissolved           | 1 - Effluent Gross | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             |                  |             | Req Mon DAILY MX | 28 - ug/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             |                  |             | C - No Discharge |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 01319     | Manganese, potentially dissolvd          | 1 - Effluent Gross | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon 30DA AVG |             | Req Mon DAILY MX | 28 - ug/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             | C - No Discharge |             | C - No Discharge |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 01319     | Manganese, potentially dissolvd          | P - See Comments   | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon ROLL AVG |             |                  | 28 - ug/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             | C - No Discharge |             |                  |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 04262     | Chromium, trivalent total recoverable    | 1 - Effluent Gross | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             |                  |             | Req Mon DAILY MX | 28 - ug/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             |                  |             | C - No Discharge |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 04262     | Chromium, trivalent total recoverable    | P - See Comments   | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon ROLL AVG |             |                  | 28 - ug/L  |          | 02/30 - Twice Per Month | GR - GRAB            |
|           |                                          |                    |             |    | Value NODI          |         |                  |         |                  |                          |                  |             | C - No Discharge |             |                  |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0           | -- | Permit Req.         | <=      | .058 30DA AVG    |         | Req Mon DAILY MX | 03 - MGD                 |                  |             |                  |             |                  |            |          | 99/99 - Continuous      | RC - Recorder (auto) |
|           |                                          |                    |             |    | Value NODI          |         | C - No Discharge |         | C - No Discharge |                          |                  |             |                  |             |                  |            |          |                         |                      |
|           |                                          |                    |             |    | Sample              |         |                  |         |                  |                          |                  |             |                  |             |                  |            |          |                         |                      |
| 71900     | Mercury, total [as Hg]                   | 1 - Effluent Gross | 0           | -- | Permit Req.         |         |                  |         |                  |                          |                  |             | Req Mon 30DA AVG |             |                  | 28 - ug/L  |          | 02/30 - Twice Per Month | GR - GRAB            |

|                                                                                                                                                                                                                            |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------|---|----|-------------|--|--|--|--|--|--|--|--|------------------|--|--|-----------|--|-------------------------|-----------|
|                                                                                                                                                                                                                            |                        |                  |   |    | Value NODI  |  |  |  |  |  |  |  |  | C - No Discharge |  |  |           |  |                         |           |
|                                                                                                                                                                                                                            |                        |                  |   |    | Sample      |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| 71900                                                                                                                                                                                                                      | Mercury, total [as Hg] | P - See Comments | 0 | -- | Permit Req. |  |  |  |  |  |  |  |  | Req Mon ROLL AVG |  |  | 28 - ug/L |  | 02/30 - Twice Per Month | GR - GRAB |
|                                                                                                                                                                                                                            |                        |                  |   |    | Value NODI  |  |  |  |  |  |  |  |  | C - No Discharge |  |  |           |  |                         |           |
| <b>Submission Note</b>                                                                                                                                                                                                     |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| 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. |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| <b>Edit Check Errors</b>                                                                                                                                                                                                   |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| No errors.                                                                                                                                                                                                                 |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| <b>Comments</b>                                                                                                                                                                                                            |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
|                                                                                                                                                                                                                            |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| <b>Attachments</b>                                                                                                                                                                                                         |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| No attachments.                                                                                                                                                                                                            |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| <b>Report Last Saved By</b>                                                                                                                                                                                                |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| <b>Minrec Inc</b>                                                                                                                                                                                                          |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| User: minrecinc@gmail.com                                                                                                                                                                                                  |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| Name: Stan Muhr                                                                                                                                                                                                            |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| E-Mail: minrecinc@gmail.com                                                                                                                                                                                                |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| Date/Time: 2019-03-18 12:29 (Time Zone: -06:00)                                                                                                                                                                            |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| <b>Report Last Signed By</b>                                                                                                                                                                                               |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| User: minrecinc@gmail.com                                                                                                                                                                                                  |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| Name: Stan Muhr                                                                                                                                                                                                            |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| E-Mail: minrecinc@gmail.com                                                                                                                                                                                                |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |
| Date/Time: 2019-03-18 12:29 (Time Zone: -06:00)                                                                                                                                                                            |                        |                  |   |    |             |  |  |  |  |  |  |  |  |                  |  |  |           |  |                         |           |