




**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

|   |   |  |                             |
|---|---|--|-----------------------------|
| <b>MINE NAME:</b><br>Goddard Pit #1                       | <b>MINE/PROSPECTING ID#:</b><br>M-2018-050  | <b>MINERAL:</b><br>Sand and gravel and (general)                     | <b>COUNTY:</b><br>Sedgwick  |
| <b>INSPECTION TYPE:</b><br>Surety Release Inspection      | <b>INSPECTOR(S):</b><br>Brock Bowles  | <b>INSP. DATE:</b><br>May 14, 2021                                   | <b>INSP. TIME:</b><br>10:00 |
| <b>OPERATOR:</b><br>Town of Julesburg                     | <b>OPERATOR REPRESENTATIVE:</b><br>Greg Nein  | <b>TYPE OF OPERATION:</b><br>111 - Construction by Government Agency |                             |
| <b>REASON FOR INSPECTION:</b><br>Surety Release Requested | <b>BOND CALCULATION TYPE:</b>   | <b>BOND AMOUNT:</b><br>\$0.00  |                             |
| <b>DATE OF COMPLAINT:</b><br>NA                           | <b>POST INSP. CONTACTS:</b><br>None   | <b>JOINT INSP. AGENCY:</b><br>None                                   |                             |
| <b>WEATHER:</b><br>Clear                                  | <b>INSPECTOR'S SIGNATURE:</b><br> | <b>SIGNATURE DATE:</b><br>May 20, 2021                               |                             |

**GENERAL INSPECTION TOPICS**

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

|  |  |                                 |
|--|--|---------------------------------|
| (AR) RECORDS----- <u>N</u>                 | (FN) FINANCIAL WARRANTY----- <u>N</u>    | (RD) ROADS----- <u>N</u>        |
| (HB) HYDROLOGIC BALANCE----- <u>Y</u>      | (BG) BACKFILL & GRADING----- <u>Y</u>    | (EX) EXPLOSIVES----- <u>N</u>   |
| (PW) PROCESSING WASTE/TAILING---- <u>N</u> | (SF) PROCESSING FACILITIES----- <u>N</u> | (TS) TOPSOIL----- <u>Y</u>      |
| (MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>   | (FW) FISH & WILDLIFE----- <u>N</u>       | (RV) REVEGETATION---- <u>Y</u>  |
| (SM) SIGNS AND MARKERS----- <u>Y</u>       | (SP) STORM WATER MGT PLAN---- <u>N</u>   | (RS) RECL PLAN/COMP-- <u>Y</u>  |
| (ES) OVERBURDEN/DEV. WASTE----- <u>N</u>   | (SC) EROSION/SEDIMENTATION--- <u>Y</u>   | (ST) STIPULATIONS----- <u>N</u> |
| (AT) ACID OR TOXIC MATERIALS----- <u>N</u> | (OD) OFF-SITE DAMAGE----- <u>N</u>       |                                 |

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

The Goddard Pit #1 was inspected by Brock Bowles of the Division of Reclamation, Mining and Safety (Division) to evaluate the final performance warranty release request (SL-01) filed by the Operator on March 18, 2021. Mr. Greg Nein (operator) was present during the inspection. The weather conditions during the inspection were clear, warm and the ground was dry.

The Goddard Pit is a 111 construction materials site permitted for 9.9 acres. The approved post-mining land use is pastureland. No financial warranty is held for this site because the operator is the Town of Julesburg, CO.

The mine entrance sign was in place facing CR 28 (photo 1). The permit area was fenced and no livestock was in the reclaimed area. Some old cow pies were seen indicating the area has been grazed, probably within the last year.

The pit slopes were graded to approximately 3h:1v or greater. A couple sections of the backfilled slopes on the east side of the permit area appeared to have settled a little resulting in a small bench on the top of the backfills (photo 2). These small benches were 6 inches or less in height. The vegetation above and below the bench was well established. There were no rills, gullies or other signs of erosion on the benches or backfilled areas. The benches appeared to be stable.

The vegetation was well established and the cover was similar to that of the surrounding areas (Rule 3.1.10(1)). Several different grass species were noted but species identification was not possible because the seed heads were not developed. Several forb species were seen including lavenderleaf sundrops (photo 3), plains stoneseed (photo 4), sand lily, blazing star, alfalfa, wavyleaf dandelion, milkvetch, four-nerve daisy, fringed sage and rubber rabbitbrush. The vegetation was dense in most places especially the low areas (photo 5). There were a few areas where the vegetation was not as well established (photo 6). These areas accounted for a small percentage of the overall permitted area.

There were a couple of small patches of cheatgrass, but the amount of cheatgrass was significantly less than the areas outside the reclamation. A few thistle rosettes were noted in the reclamation (photo 7). It appears these thistles may be wavyleaf thistles, which are native and common to the Julesburg area. The thistles should be monitored later in the spring once the flowers bloom to verify they are not a noxious species.

Overall the reclamation appeared to be stable. There were no rills, gullies or other signs of erosion on the mine site. The remains of last year's grass seed heads were seen and at least 6 forb species were flowering indicating that the vegetation is capable of self-regeneration (Rule 3.1.10(1)).

No objections to the full reclamation responsibility release request were received by the Division.

The Division will recommend approval of the final performance and financial warranties release request (SL-01) based on the observations from this inspection.

**PHOTOGRAPHS**



Photo 1 – Mine entrance sign facing CR 28



Photo 2 – Small benches from backfill settling





Photo 3 – Lavenderleaf sundrops



Photo 4 – Plains stoneseed





Photo 5 – Grasses well established



Photo 6 – Vegetation thin spot in southwest corner





Photo 7 – Wavyleaf thistle, needs to be verified when the plant flowers.

**Inspection Contact Address**

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Ecc: Michael Cunningham, DRMS