




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

The Division of Reclamation, Mining and Safety 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> Green/Croissant Sand and Gravel Mine	<b>MINE/PROSPECTING ID#:</b> M-2001-022	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Surety Release Inspection	<b>WEATHER:</b> Clear	<b>INSP. DATE:</b> October 6, 2022	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Loveland Ready-Mix Concrete, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Stephanie Fancher-English	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Surety Release Requested	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$209,700.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>INSPECTOR(S):</b> Peter Hays	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> October 13, 2022	

**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>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</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 Green/Croissant Mine was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) to evaluate the final financial and performance warranties release request (SL2) filed with the Division on September 19, 2022. The Division is required by Rule 4.17.2(2) to inspect the site within sixty (60) days of the request to determine if the Permittee complied with all applicable requirements. Mrs. Stephanie Fancher-English with Loveland Ready Mix was present during the inspection.

The site is a construction materials regular (112) operation permitted for 42.4 acres. The Division approve three (3) acreage reduction requests (AR2, AR3 and AR4) reducing the permit acreage from 208.98 to the current acreage. The remaining acreage is the leased property owned by the Dustin and Jamie Christensen (Cell 4). The post-mining land use for the Christensen's property is pasture and wildlife habitat.

The mining activity in Cell 4 is complete and the cell is in final reclamation. The site vegetation consisted of well-established blue grama and pubescent wheatgrass. The grasses are included in the approved seed mixture for the site. The upland areas were recently mowed by the landowner. Additional grass species were observed, however they were difficult to identify due to the recent mowing activity. One (1) annual weed, kochia, was observed during the inspection. No noxious weeds were observed during the inspection.

The western access road has seen substantial use by the landowners during the construction of their residence in the southwest corner of the property since the last inspection. The landowners planted trees along the eastern access road to their residence. The landowners installed a boat ramp and dock in the northeast corner of the lake. A fishing shed was observed along the southern shoreline. Tire tracks from vehicles and ATVs were observed along the shoreline, which is preventing the establishment of vegetation around the lake.

The approved Reclamation Plan requires the Cell 4 slopes to be reclaimed to a 3H:1V slope. The slopes were surveyed by the landowner and the Operator during the previous final release request for the site (SL1). The Division reviewed the data from both surveys and determined the slopes met the required 3H:1V grade. Shoreline cutting typical of wave action erosion, approximately six (6) to twelve (12) inches in height, was observed during the inspection. Willows, cattails and other wetland species have volunteered along the shoreline. The presence of the vegetation will stabilize the shoreline and prevent erosion. No other erosion features were observed during the inspection. Overall, the site appeared stable and was being utilized by the landowner as their residence and for recreational activities.

**The Division will approve the final financial and performance warranties release request (SL2) based on the observations from this inspection.**

The financial warranty in the amount of \$209,700.00 will be released by the Division within thirty (30) days pursuant to Rule 4.17.2(5). No comments were received by the Division during the public comment period for the release request from the landowner or other state agencies.

Photographs taken during the inspection are attached. If you need additional information or have any questions, please contact me at the Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at 303.866.3567 x 8124, or by email at peter.hays@state.co.us.

## PHOTOGRAPHS



View of the northern portion of the western shoreline



View of the vegetation along the western shoreline





View of the southern portion of the western shoreline



View of the southern shoreline from the southwest corner looking east





View of the southern shoreline looking west



View of the fishing shed and tire tracks along the southern shoreline





View of the southeast corner of the site



View of the southern portion of the eastern shoreline





View of the northern portion of the eastern shoreline



View of the boat dock in the northeast corner of the lake



View of the northern shoreline from the northeast corner looking west



View of the northern shoreline, west of the boat dock, looking west





View of the northeast shoreline looking north

**Inspection Contact Address**

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