




**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> NCCI Pit #1	<b>MINE/PROSPECTING ID#:</b> M-2001-107	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Surety-Related Inspection	<b>WEATHER:</b> Clear	<b>INSP. DATE:</b> April 3, 2024	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Northern Colorado Constructors, Inc. Aggreg	<b>OPERATOR REPRESENTATIVE:</b> Chris Zadel	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Surety Related	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$486,745.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>INSPECTOR(S):</b> Brock Bowles	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> April 15, 2024	

**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>N</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>N</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>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</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**

This inspection was conducted by Brock Bowles of the Division of Reclamation, Mining and Safety (Division). JC York of J&T Consulting, and Chris Zadel of NCCI, Inc. were present for the inspection. The NCCI Pit #1 is located 2.0 miles northwest of Fort Lupton in Weld County. This site is a 112c gravel pit permitted for 175.63 acres and the post mining land use is developed water resource.

At the time of the inspection, it was cool, sunny and the ground was damp. This inspection was conducted as part of the Acreage Reduction and Surety Reduction process. NCCI submitted the AR1 and SR3 applications on March 5, 2024. AR1 is requesting to reduce the acreage by removing the NCCI pit and SR3 for the work completed on the northern cell. The Division received one comment from the Division of Water Resources. The DWR comment has been forwarded to NCCI and J&T Consulting.

### **Hydrologic Balance:**

The NCCI Pit reservoir was built with a compacted clay liner (photos 1 & 2). The clay liner was leak tested by DWR between August and November 2023. The liner was approved on November 30, 2023. The storage cell contained a small amount of water. The source of the water was from precipitation that was received within the last 72 hours.

A stormwater diversion ditch was in place on the northeast, north and west sides of the reservoir (photo 3). The ditch directs all stormwater around the reservoir to the northwest corner where it is released into a return ditch back to the South Platte River.

### **Gen. Compliance with Mine Plan:**

The land the reservoir is on is owned by the City of Thornton. The reservoir has an area of about 80 acres and is 34 feet deep according to the construction drawings approved by the City of Thornton. The side slopes on all sides are graded to 3h:1v and are covered in gravel (photo 4). No topsoil was applied to the side slopes.

A gravel access road was installed around the perimeter of the reservoir (photo 5). The road is approximately 20 feet wide and slopes away from the reservoir towards the stormwater diversion ditch. This design is consistent with the construction plans.

Fencing materials were being staged in the northwest corner of the reservoir for the security fence installation.

TR8 was approved in February 2022 to import inert material and to use material generated from the reservoir to backfill the north cell. The backfilling of the northern cell is complete. The backfill has been graded to blend in with the surrounding landscape. The southeast portion of the backfilled area is currently being used for processing.

### **Revegetation:**

All areas between the gravel access road and the permit boundary were seeded and mulched in November 2023 (photo 6). The grasses were beginning to sprout.

### **Signs and Markers:**

The mine entrance sign was in place facing CR 25.

AR1 status - DWR submitted comments to DRMS recommending to not approve the AR1 request because of remaining lagged depletions. The DRMS is prepared to deny the AR1 application based on DWRs recommendation. The operator stated they submitted an updated SWSP application to DWR that will address the future lagged depletions. DRMS will hold its decision regarding the AR1 application for 30 days following the inspection (Rule 4.17.2(5)) to allow time for DWR to review the new SWSP application. If DWR has not made a different recommendation by May 3, 2024, the operator can request a decision date extension for AR1 or the Division will deny the AR1 application.

SR3 status - The north cell is the area requested for surety reduction in SR3 for the backfilling work completed. An acreage request was not requested for the north cell area and therefore this area will remain in the permit and is subject to all other conditions and requirements of the permit. The Division will recommend approval for SR3 under separate cover.

### **PHOTOGRAPHS**



Photo 1 – Reservoir western slope facing south.





Photo 2 – Northeast corner of reservoir facing south toward oil well peninsula.



Photo 3 – Western side stormwater diversion ditch, water flows toward picture.





Photo 4 – South slope facing west.



Photo 5 – Gravel access road (left) around perimeter of reservoir.

**Inspection Contact Address**

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