




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.

MINE NAME: Perry Pit	MINE/PROSPECTING ID#: M-1990-098	MINERAL: Sand and gravel	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter Hays	INSP. DATE: November 30, 2021	INSP. TIME: 13:00
OPERATOR: Northern Colorado Constructors	OPERATOR REPRESENTATIVE: Chris Zadel	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program		BOND CALCULATION TYPE: \$313,987.00	
DATE OF COMPLAINT: NA		JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: December 3, 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>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</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>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>N</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

The Perry Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. Mr. Chris Zadel with Northern Colorado Constructors, Inc. (NCCI) was present during the inspection. The site was previously inspected by the Division on May 5, 2016. A map based on the observations from this inspection and the latest available Google Earth image is attached for reference.

The site is an 112c operation permitted for 118 acres. The site was inactive at the time of the inspection. The Operator reported the last activity at the site occurred on August 27, 2021 in the 2021 annual report. The approved post-mining land use is developed water resource with the construction of a 56 acre reservoir. The Division of Water Resources (SEO) originally approved the slurry wall leak test on June 9, 2006. The slurry wall was breached at two locations during the 2013 flood event. The SEO approved the repaired slurry wall on December 17, 2014.

Mining activities are complete at the site. The Operator has been selling the remaining topsoil stockpiles at the site over the last few years. The Operator intends to spread the remaining topsoil stockpile around the reservoir shoreline and potentially on the eastern upland portion of the site. The Operator is checking to see if the additional material on the eastern portion would affect the floodplain elevation.

The reservoir is owned by Consolidated Mutual Water Company and operated by the City of Fort Lupton. The reservoir was partially full of water and evidence of water removal based on horizontal shoreline erosion features were observed during the inspection. The shoreline of the reservoir appeared to be rough graded at approximately a 3H:1V slope. The Division will require the Operator to submit a topographic survey verifying the final 3H:1V slope prior to consideration for any future final release requests. The Operator intends to complete the topsoiling and seeding of the site by next spring. The three (3) inlet/outlet structures approved under technical revision no. 3 are installed and appeared to be properly constructed by the Operator.

The site vegetation consisted mainly of annual and noxious weeds, including cheat grass and kochia. Equipment and debris was observed south of the topsoil stockpile. The Operator is aware of the requirement to control the noxious weeds and remove the equipment and debris from the site. The mine sign and boundary markers were observed as required by Rule 3.1.12.

The Division currently holds a reclamation bond in the amount of \$313,987.00, which is adequate to reclaim the site based on the observations from this inspection.

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



Perry Pit mine sign



View of the remaining topsoil stockpile



View of the east shoreline from the NE corner looking south



View of the SE pit side spillway looking north



View of the south shoreline from the SW corner looking east



View of the east shoreline from the SW corner looking north



View of the north shoreline from the NW corner looking east

Inspection Contact Address

Chris Zadel
Northern Colorado Constructors
9075 Weld County Road 10
Fort Lupton, CO 80621

Enclosure – Inspection Map




Ec: Jared Ebert, DRMS

Perry Pit

M-1990-098

November 30, 2021 Inspection Map

Legend

-  Inlet/Outlet Spillways
-  NCCI Perry Pit
-  Topsoil Stockpile

