




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: Dunn Pit	MINE/PROSPECTING ID#: M-2021-059	MINERAL: Aggregate	COUNTY: Weld
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Peter Hays	INSP. DATE: December 16, 2021	INSP. TIME: 10:00
OPERATOR: Loveland Ready-Mix Concrete, Inc.	OPERATOR REPRESENTATIVE: Stephanie Fancher-English	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Pre-Operation Inspection	BOND CALCULATION TYPE: None	BOND AMOUNT: No Bond Held
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 4, 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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>N</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

This was a pre-operational inspection of the proposed Dunn Pit conducted by Peter Hays and Rob Zuber with the Division of Reclamation, Mining and Safety (Division/DRMS). Ms. Stephanie Fancher-English with Loveland Ready-Mix Concrete, Inc. was present during the inspection.

The 112 construction materials permit application was received by the Division on September 13, 2021. The application was deemed complete on November 1, 2021. The Applicant published public notice as required by Rule 1.6.2(d) for four consecutive weeks. The last notice was published on November 24, 2021. The public comment period for the application ended on December 14, 2021. No letters of objection to the application were received by the Division during the public comment period. The notice sign was observed during the inspection as required by Rule 1.6.2(b).

The Dunn Pit is a proposed 114.25 acre construction materials site with approximately 76 acres disturbed by mining excavation and approximately 38 acres for boundary offsets, the access road, the Big Thompson River corridor and stormwater management areas. The proposed mine site is currently used as pastureland for cattle grazing. The site is located approximately 1 mile northwest of Milliken, CO in Weld County.

The mine site is proposed to be mined to bedrock utilizing an excavator to wet mine the site. The mining areas will not be dewatered during the mining activities. The mining activities are proposed in three (3) cells ranging in size from 11 to 36 acres. The mined slopes are proposed to be excavated at 1.5H:1V. The mined material will be stockpiled to allow the material to drain. The drained material will be transported off-site by trucks. No processing will occur at the site. The depth of the sand and gravel deposit ranges from 25 to 28 feet with 1 to 2 feet of topsoil above the deposit. The bedrock is weathered shale. A bridge crossing is planned to be constructed over the Big Thompson River to access the north side of the site.

The proposed post-mining land use for the site is wildlife habitat with the construction of three (3) groundwater ponds. The construction of 2.55 acres of new wetlands during reclamation is possible. The Applicant has contacted the Army Corps of Engineers to discuss the need for a 404 permit. The disturbed areas above the waterline of the ponds will be topsoiled and revegetated with an upland seed mixture. A wetland seed mixture is also proposed to be used if the wetland areas are constructed by the Applicant.

The proposed mine site was observed during the inspection. The site was observed from WCR 48.5 and the interior of the site was observed from the existing oil and gas road and by traveling off-road across the site. The site vegetation consisted of a pastureland with areas of well-established trees and grasses. Cattle were observed grazing the land during the inspection. All utilities along WCR 48.5 appear to have been identified by the Applicant.

The Division's permit application adequacy review letter was sent to the Applicant on January 4, 2022. The current decision date for the application is March 1, 2022, following the approval of a decision date extension request from the Applicant on January 19, 2022.

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.

Inspection Contact Address

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Loveland Ready-Mix Concrete, Inc.
644 N. Namaqua Road
Loveland, CO 80539

Ec: Jared Ebert, DRMS

PHOTOGRAPHS



View of notice sign posted along CR 48.5



View of the southeast portion of the site from CR 48.5 looking east



View of the southeast portion of the site from CR 48.5 looking north



View of the southeast portion of the site from CR 48.5 looking west



View of the Big Thompson River looking west (upstream)



View of the site from the southeast corner looking northwest



View of the site from the southwest corner looking east



View of the site from the southwest corner looking north



View of the site from the northwest corner looking east



View of the site from the north side looking south

Dunn Pit

M-2021-059

December 16, 2021 PreOp Inspection Map

Legend



Dunn Pit



Dunn Pit Permit Boundary



Dunn Pit

d 48 1/2

County Rd 48 1/2

W Co Rd 48 1/2

W Co Rd 48 1/2

257

Google Earth



1000 ft