



STATE OF
COLORADO

Ridley - DNR, Hunter <hunter.ridley@state.co.us>

Inspection Report, Myrin Pit, M-1979-148

1 message

Ridley - DNR, Hunter <hunter.ridley@state.co.us>

Tue, Jul 11, 2023 at 7:58
AM

To: Machia Cox - CDOT <machia.cox@state.co.us>

Cc: "McDermott - CDOT, William" <william.mcdermott@state.co.us>

Ky Cox,

Please find attached the Division's report for the Myrin Pit inspection on June 27, 2023. Please let me know if you have any follow up questions.

Kind regards,
Hunter Ridley
Environmental Protection Specialist



COLORADO
Division of Reclamation,
Mining and Safety
Department of Natural Resources

P 720.868.7757 | F 303.832.8106

Physical: 1313 Sherman Street, Room 215, Denver, CO 80203

Mailing: DRMS Room 215, 1001 E 62nd Ave, Denver, CO 80216

hunter.ridley@state.co.us | <https://drms.colorado.gov>




Insp_Report_6_27_Myrin.pdf
3767K



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.

MINE NAME: Myrin Pit	MINE/PROSPECTING ID#: M-1979-148	MINERAL: Sand and gravel	COUNTY: Routt
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: June 27, 2023	INSP. TIME: 13:00
OPERATOR: Colorado Department of Transportation	OPERATOR REPRESENTATIVE: Ky Cox	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: N/A	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Hunter Ridley	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 11, 2023	

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>Y</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>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</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>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

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety (Division) regular monitoring program. The Myrin Pit is a 110c permitted site that includes a total of 6.8 permitted acres. It is located approximately two miles northwest of Toponas, Colorado and is accessed from the Highway 131. Ky Cox represented Colorado Department of Transportation (CDOT) at the inspection and accompanied Hunter Ridley of the Division on the inspection.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The sign is located on the gate as you pull off of Highway 131 onto the access road (Photo 1). T-posts delineate the permit boundary (Photo 2).

The site is utilized on an as need basis. No activity had occurred at the pit yet as of this year, but the Operator representative stated that the pit was scheduled to be in use this season. The pit has one main highwall that is sloped at approximately 3H:1V (Photo 3). Material is dozed down in to stockpiles and is then crushed. There is one main stockpile located at the foot of the highwall. The stockpile and highwall is partially stabilized with volunteer vegetation (Photo 5). A well vegetated topsoil stockpile is located directly south of the highwall (Photo 4). No erosion problems were observed. No equipment, fuel or structures were observed.

The northern hillside and southeastern half of the pit have been previously reclaimed, but are unreleased. Vegetative cover is good in most of these areas, however a few large patches of bare ground are seen where cattle have overgrazed (Photos 6 and 7). These areas will need to be addressed prior to formal release. The operator representative stated that weeds are sprayed annually by the county.

This pit is operated by a government agency and therefore no bond is held by DRMS. No problems or violations were noted during this inspection.

Photographs taken during the inspection have been included below. Responses to this inspection report should be directed to: Hunter Ridley at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 720-868-7757 or via email at hunter.ridley@state.co.us

PHOTOGRAPHS



Photo 1: Mine signage was located at the entrance to the access road which leads to the pit.



Figure 2: View northwest of partially reclaimed pit slope, t-posts are staked on the hill to delineate permit boundary lines.



Figure 3: View west directly into the pit, a stockpile sits at the bottom of the mining slope.



Photo 4: View south of the vegetated topsoil pile.



Figure 5: View west of the edge of the permit boundary and the partially vegetated highwall.



Figure 6: View southeast of one of the larger bare spots of the reclaimed area, this is due to overgrazing.



Figure 7: View northwest towards the highwall of the bare spot in the partially reclaimed area, a patch of cheat grass is noted to be growing here.

Inspection Contact Address

Ky Cox
Colorado Department of Transportation
260 Ranney Street
Craig, CO 81625

Enclosure

CC: Michael Cunningham, DRMS
William Mcdermott, CDOT