




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: Diehl Borrow Pit	MINE/PROSPECTING ID#: M-2018-054	MINERAL: Borrow material for	COUNTY: Larimer
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: April 9, 2024	INSP. TIME: 13:00
OPERATOR: SEMA Construction, Inc.	OPERATOR REPRESENTATIVE: Misty Gothard	TYPE OF OPERATION: 111 - Construction by Government Agency	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$88,112.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Nikie Gagnon	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: June 10, 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>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>N</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>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 courtesy inspection of the Diehl Borrow Pit conducted by Nikie Gagnon of the Division of Reclamation, Mining and Safety (Division). Misty Gothard representing the SEMA Construction (Operator), accompanied the Division. The Operator requested an inspection to observe the revegetation to determine if the site is ready for a release. The borrow pit is located approximately 8.5 miles north of Wellington, along the frontage road adjacent to I-25. A mine sign was posted at the entrance and the site is surrounded by fencing.

The Diehl Pit was operated for a roadway project that was completed in 2020 and the site is undergoing reclamation. Mining was conducted in two areas, north and south of an ephemeral drainage that bisects the site. The ephemeral drainage was dry during this inspection. Slopes have been graded to 3H:1V or less across the entire site and both mining areas have been topsoiled and reseeded.

Access Roads:

In December 2023, the Division approved a Technical Revision (TR2) to leave the graveled north and south access points from the I-25 Frontage Road for use by the landowner.

Reclamation Success:

This site was last inspected in May 2023. At that time, native grasses were established across the pit floor and slopes on the south side of the permit area. The Division noted a bare strip of land above the pit that appeared to be a compacted haul road and recommended reworking and reseeding the road. During this inspection, the Operator stated they reworked the bare areas in the fall of 2023. The strip of haul road is still evident, however, bunch grass was noted sprouting in a few spots. The Division observed straw mulch in the reseeded area. It appears wind may have blown away some of the seed and mulch, but it is too early in the season to determine the success of the reseeding. The Operator should monitor the revegetated strip later in the growing season and determine if more work should be done.

In 2023, the Division noted downy brome and kochia as the dominant species on the northern side of the permit area and recommended that the Operator conduct weed control and reseed the pit. During this inspection, stalks of wheatgrass, switchgrass, and little bluestem from the previous growing season were observed in the floor of the pit. The eastern pit slopes are still patchy and bare, and the soil was observed to contain more gravel. The Operator will need to monitor the northern side later in the growing season and determine if more work should be done to ensure the greatest possibility of success in plant establishment.

As of the date of this inspection, the site is not ready for release. The Operator should continue to monitor revegetation success across the entire site and reseed and mulch areas as necessary. Additionally, the Operator will need to keep up with weed management and erosion control at the site until disturbed areas are stabilized with the desired vegetation.

PHOTOGRAPHS



Photo 1: Looking southeast across the reclaimed pit on the south side of the permit area.



Photo 2: Looking north from the entrance across the reclaimed pit on the south side.



Photo 3: Strip of bare and patchy revegetation above the pit in the southern side of the permit area.



Photo 4: Strip of land on the southern side of the permit recently reseeded and mulched.



Photo 5: Looking southeast at stalks of native grasses from previous growing season observed in the southern permit area, above the pit.



Photo 6: Looking north across the northern permit area. Vegetation is patchy on the eastern slope.



Photo 7: Little bluestem and western wheatgrass from the previous season noted on the floor of the pit on the north side of the permit area.



Photo 8: Vegetation in a low spot on the floor of the pit on the north side of the permit area.



Photo 9: Looking down the southern edge of the northern mining area where a haul road led to the pit. Vegetation is patchy and the soil is more gravelly here.

Inspection Contact Address

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