




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: Betz Borrow Pit	MINE/PROSPECTING ID#: M-2018-048	MINERAL: Borrow material	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter Hays	INSP. DATE: December 16, 2021	INSP. TIME: 11:30
OPERATOR: SEMA Construction, Inc.	OPERATOR REPRESENTATIVE: Gavin Madsen	TYPE OF OPERATION: 111 - Construction by Government Agency	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE:	BOND AMOUNT: \$74,925.00	
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>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</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>Y</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>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

The Betz Borrow 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. The site was previously inspected by the Division on August 5, 2020. Mr. Gavin Madsen with SEMA Construction, Inc. was present during the inspection. A copy of an inspection map created by the Division based on the observations from this inspection is attached for reference.

The Betz Borrow Pit 111 permit application was approved and issued by the Division on November 12, 2018. The site is approved for 29.99 total acres with 26.01 acres of planned disturbance related to the North I-25 Express Lane project. The Division holds a reclamation bond in the amount of \$74,925.00, which appears adequate to reclaim the existing disturbance at the site.

The site was inactive during the inspection, however mining operations have progressed since the last inspection. The approved Mining Plan states the site will be mined from south to north as approved under TR-01 with a maximum excavation depth of 6 feet. An average of 12 inches of topsoil will be stripped and stockpiled along the eastern permit boundary. The topsoil stockpile was observed in the northeast corner of the site during the inspection. The Division estimated the highwall located in the northeast portion of the site at 5 feet in height, which is consistent with the approved Mining Plan. The pit floor was mostly dry at the time of the inspection. The vegetation on the topsoiled pit floor consisted of volunteered vegetation and annual weeds.

The approved Mining Plan defines a 200 foot offset distance from the oil & gas well located on the property. The oil & gas well has been plugged and abandoned by the oil & gas company. The Operator intends to submit a technical revision to modify the Mining Plan to allow mining activities in the location of the former well.

The approved post-mining land use for the site is rangeland. The Operator is performing concurrent reclamation of the site. All perimeter slopes have been regraded to the approved final reclamation slope of 3H:1V, except for the highwall located in the northeast portion of the site. Topsoil was replaced to a depth of approximately 12 inches on the regraded slopes and southern mined area as indicated on the inspection map. The Operator reported 10 acres have been topsoiled to date.

The mine identification sign and boundary markers were observed as required by Rule 3.1.12.

Photographs taken during the inspection are attached. If you need additional information or have any questions, please contact me at 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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Ec: Jared Ebert, DRMS

PHOTOGRAPHS



View of the site from the northeast corner looking west



View of the site from the northeast corner looking southwest



View of the site from the northeast corner looking south at topsoil stockpile



View of the site from the southwest corner looking north



View of the site from the southwest corner looking northeast










View of the site from the southwest corner looking east

Betz 111 Borrow Pit

M2018-048

December 16, 2021 Inspection Map

Legend

-  Approx. AR01 Boundary
-  Betz Borrow Pit
-  Current Mining Disturbance Area
-  Permit Boundary
-  Topsoil Replacement Area
-  Topsoil Stockpile
-  Untitled Polygon

Betz Borrow Pit

Google Earth

600 ft

