




**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.

<b>MINE NAME:</b> Betz Borrow Pit	<b>MINE/PROSPECTING ID#:</b> M-2018-048	<b>MINERAL:</b> Borrow material for construction	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Monitoring	<b>WEATHER:</b> Clear	<b>INSP. DATE:</b> July 20, 2023	<b>INSP. TIME:</b> 10:50
<b>OPERATOR:</b> SEMA Construction, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Tyson Geist	<b>TYPE OF OPERATION:</b> 111 - Construction by Government Agency	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$74,925.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>INSPECTOR(S):</b> Robert Zuber, P.E.	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> August 14, 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>Y</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>NA</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</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>NA</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>Y</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 Rob Zuber 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 December 16, 2021. Tyson Geist with SEMA Construction, Inc. was present during the inspection. The weather was warm and clear, and the ground was partially muddy.

The Betz Borrow Pit 111 permit application was approved and issued by the Division on November 12, 2018. The site was approved for 29.99 total acres with 26.01 acres of planned disturbance related to the North I-25 Express Lane project. Per maps in the permit, the size of the site appears to be slightly larger than 30 acres. Given the status of the site (well into reclamation as described below), the Division will not require conversion to a 112 permit at this time.

The Division holds a reclamation bond in the amount of \$74,925.00. This amount appears adequate to reclaim the existing disturbance at the site, but this will be checked by the Division in the near future. If necessary, the Division will increase the Financial Warranty for this permit via a Surety Increase action.

The site was inactive during the inspection. Backfilling and grading operations have been completed. A low spot with a puddle of water (apparently from a storm the day before the inspection) was seen near the west boundary, but does not appear to be problematic. Topsoil spreading was completed in 2023. Some of the site has been seeded, and the rest will likely be completed in 2023, per Tyson Geist. No equipment was onsite.

The approved Mining Plan defines a 200-foot offset distance from the hydrocarbon well that was located on the property. The well has been plugged and abandoned, and the surrounding area has been reclaimed by the company, which is Occidental Petroleum Corporation, per Tyson Geist.

The approved post-mining land use for the site is rangeland. Much of the vegetation on the site consisted of desirable grasses, however, large bare spots were observed, and non-desirable species were also seen. These included thistle, kochia, curly dock, and cheatgrass. Only a small amount of thistle was observed. Tyson Geist indicated that weeds at the site are controlled with mowing and spraying (spraying done by the landowner).

The mine identification sign was in place and contained the required information. Boundary markers were not observed or appeared to be in the wrong locations. They apparently had been moved by the landowner or knocked down. Tyson Geist had his surveyor replace the markers after the inspection, and photos are included in this report.

Other photographs taken during the inspection are attached to illustrate some of the site conditions. If you need additional information or have any questions, please contact Rob Zuber by telephone at 720.601.2276 or by email at [rob.zuber@state.co.us](mailto:rob.zuber@state.co.us).

**PHOTOGRAPHS**



**Northeast corner looking west**



**Southeast corner looking northwest**



**Large bare area near southwest corner**



**Boundary marker at northwest corner**





**Boundary marker on east side**



**Entrance sign**

**Inspection Contact Address**

Tyson Geist  
SEMA Construction, Inc.  
7353 S Eagle St  
Centennial, CO 80112

CC: Michael Cunningham, DRMS