




**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.

<b>MINE NAME:</b> Geisert Pit	<b>MINE/PROSPECTING ID#:</b> M-1978-210	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Peter Hays	<b>INSP. DATE:</b> October 6, 2021	<b>INSP. TIME:</b> 11:30
<b>OPERATOR:</b> Weld County Public Works	<b>OPERATOR REPRESENTATIVE:</b> Jeff York	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$0.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> October 21, 2021	

**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>NA</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>N</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>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**

The Geisert 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 January 19, 2017. The site is owned by Central Colorado Water Conservancy District (CCWCD), which operates the two reservoirs. Mr. Jeff York with Weld County was present during the inspection.

The site was originally divided into five (5) areas; Areas A, B, C, D and E. Areas A, B, D and E were released by the Division on December 6, 2016. Area C remains in the permit. The area is 70.81 acres and contains the Geisert East and West Cells. Mining activities concluded on October 30, 2015 according to the 2021 annual report submitted by the Operator. The approved post-mining land use is developed water resource. A slurry wall was installed around both mining cells; East and West Cells. The Operator stated the slurry wall was approved by the Division of Water Resources in 2012. The Division will require the Operator to submit proof of the approved slurry wall prior to Division consideration of any future final release requests. A survey of the East and West Cells slopes will be required as part of the final release request to confirm the required 3H:1V slopes, if the slopes are not visible due the presence of water at the time of the final release inspection.

The Division approved technical revision no. 4 (TR-04) on November 18, 2016 which updated the Reclamation Plan to include the future uses of the property and indicate the pump station and associated infrastructure for the water storage reservoirs.

The site vegetation consisted of annual and noxious weeds with limited native grass species. The Operator reported weed treatment for kochia and bind weed occurred earlier this year and treatment of Canada thistle and knapweed occurred the week before this inspection. The vegetation along the western and southwestern shoreline of the West Cell consisted of well-established vegetation. The vegetation on the remaining shorelines of the East and West Cells consisted of bare ground and weeds with little to no native grasses. The Division recommends the Operator controls the weeds and re-seeds the shorelines with the approved seed mixture for the site. The landowner, CCWCD, appears to be using the west shoreline of the East Cell, the east shoreline of the West Cell and the south shoreline of the East Cell as an access road to the pump house. The Operator stated they would contact CCWCD regarding access to the site and submit a technical revision to update the Reclamation Plan if a permanent access road is required by the landowner.

No financial warranty is held of the site. The required mine identification sign was posted and the site boundaries were well defined 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 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](mailto:peter.hays@state.co.us).

### **Inspection Contact Address**

Jeff York  
Weld County Public Works  
1111 H Street  
Greeley, CO 80632

Ec: Jared Ebert, DRMS

## PHOTOGRAPHS



Geisert Pit mine sign



View of the East Cell north shoreline looking west from the northeast corner of the cell





View of the East Cell east shoreline looking south from the northeast corner of the cell



View of the East Cell west shoreline looking south from the northwest corner of the cell





View of the West Cell north shoreline looking west from the northeast corner of the cell



View of the West Cell east shoreline looking south from the northeast corner of the cell





View of the West Cell west shoreline looking north from the southwest corner of the cell



View of the West Cell south shoreline looking east from the southwest corner of the cell





View of the West Cell south shoreline looking west from the southeast corner of the cell



View of the East Cell south shoreline looking east from the southwest corner of the cell