




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: Geisert Pit	MINE/PROSPECTING ID#: M-1978-210	MINERAL: Sand and gravel	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: January 19, 2017	INSP. TIME: 14:00
OPERATOR: Weld County	OPERATOR REPRESENTATIVE: Clay Kimmi	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 20, 2017	

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>N</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>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <u>N</u>

Y = Inspected and found in compliance / 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) in response to an acreage reduction request (AR-07) for Cell E filed by the Operator on December 6, 2016. The Division is required by Rule 4.17.2 to inspect the site within 60 days to determine if the Permittee has complied with all applicable requirements of the reclamation plan. Mr. Clay Kimmi with Weld County Public Works Department was present during the inspection.

The Operator submitted an acreage reduction request (AR-07) for Cell E within the Geisert Pit. The site is currently approved for 103.13 acres. The release request is for 8.45 acres. As described in TR-04, Cell E is a pond which is being backfilled by the Operator with clean fill material, typically Class 7 structural fill, imported from other County operated gravel pits to create a parking lot and storage area. The technical revision was approved by the Division on November 18, 2016. The Cell E area was observed to be consistent with the technical revision description during this inspection. The cell is approximately halfway backfilled. The backfill material will be allowed to settle for 1 year prior to paving or building on the area. The evaporation of the exposed groundwater is covered under a water court approved augmentation plan, case number 12CW304. A small pond will remain in the east end of the cell to maintain an overflow and outlet structure located in the southeast corner of the area.

The Division will approved the acreage reduction request (AR-07) for Cell E based on the observations from this inspection.

The Division received comments from the Division of Water Resources (DWR). A copy of the DWR comment letter is attached.

Inspection Contact Address

Mr. Clay Kimmi
Weld County
1111 H Street
Greeley, CO 80632

Enclosure – DWR comment letter

Ec: Wally Erickson, DRMS

PHOTOGRAPHS



Geisert Pit mine sign



View of small pond located in east end of Cell E from SW corner of pond



View of Cell E backfill area from east end of cell looking west



View of Cell E backfill progress looking west



View of Cell E backfill progress looking west



View of Cell E backfill progress looking SE from facilities area



COLORADO

Division of Water Resources

Department of Natural Resources

1313 Sherman Street, Room 821
Denver, CO 80203

RECEIVED

✓ DEC 15 2016

**DIVISION OF RECLAMATION
MINING AND SAFETY**

✓ **Response to Reclamation Permit Partial Acreage Release Request Consideration**

DATE: December 15, 2016
TO: Peter S. Hays, Environmental Protection Specialist
CC: Division 1 Office, District 3 Water Commissioner
FROM: Sarah Brucker, P.E. *SB* ✓
RE: Geisert Pit, File No. M-1978-210 - AR-04, AR-05, AR-06 & AR-07
Applicant/Operator: Weld County Public Works
Phone Number: (970) 356-6496
Section 31, Twp 6 North, Rng 65 West, 6th P.M., Weld County

COMMENTS: The applicant has requested a partial acreage release for the following portions of the Geisert Pit: 12.49 acres designated as Cell A; 16.36 acres designated as Cell B; 6.14 acres designated as Cell D; and 8.45 acres designated as Cell E.

Cell A is unmined and currently used as a parking and storage area. It is proposed to be used as a natural gas facility in the future.

Cell B is a mitigated wetland area. Cell E is currently a ground water pond. The pond is proposed to be backfilled for a future parking lot and storage areas, with a small pond remaining at the east end of Cell E to maintain an overflow and outlet structure. The Board of County Commissioners of Weld County filed an Application for Storage Rights and Plan for Augmentation in Division 1 Water Court under case no. 2012CW304. The Application for Plan for Augmentation was bifurcated on May 6, 2015 into case no. 2012CW304-B, and a decree was entered in case no. 2012CW304-B on February 1, 2016. The augmentation plan replaces evaporative depletions from a surface area of 6.6 acres in Cell 1, with an additional 2.3 acres found to be pre-81 and not requiring replacement. Cell 1 includes the land areas designated as Cell B and Cell E. The total surface area of Cell 1 is limited to no more than 8.9 acres.

Cell D will not be reclaimed or reseeded. It is proposed to be used for future storage and stockpiling of construction materials.

This office has no objection to the subject requests for partial acreage release so long as Weld County operates according to the terms and conditions of its decreed plan for augmentation, including that the total surface area of ground water exposed in Cells B and E does not exceed 8.9 acres (including 2.3 pre-81 acres). You or the applicant may contact the State Engineer's Office with any questions.

