




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: Signal Reservoir No. 1 Expansion	MINE/PROSPECTING ID#: M-2017-013	MINERAL: Clay (general)	COUNTY: Adams
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott Russell and DJ Cunningham	INSP. DATE: December 27, 2019	INSP. TIME: 12:00
OPERATOR: Todd Creek Village Metropolitan District	OPERATOR REPRESENTATIVE: Don Summers	TYPE OF OPERATION: 111	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$75,000.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 14, 2020

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>N</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>N</u>
(SM) SIGNS AND MARKERS----- <u>PB</u> <u>PB</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

PROBLEMS/POSSIBLE VIOLATIONS

INSPECTION TOPIC: Signs & Markers

COMPLIANCE PROBLEM #1: The mine identification sign was not posted at the entrance of the mine site. This is a problem for failure to post a mine identification sign as required by Rule 3.1.12(1).

CORRECTIVE ACTIONS: The operator shall, at the entrance of the mine site, post a sign which shall be clearly visible from the access road with the following: the name of the operator, name of the operation, a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board; and the permit number. The operator shall submit photo documentation that a proper sign has been posted by the corrective action date.

CORRECTIVE ACTION DUE DATE: February 13, 2020

INSPECTION TOPIC: Signs & Markers

COMPLIANCE PROBLEM #2: The affected area boundary markers are missing or incorrectly placed. This is a problem for failure to maintain boundary markers around the affected area as required by Rule 3.1.12(2).

CORRECTIVE ACTIONS: The operator shall conduct a survey and replace the boundary markers in the correct location(s). The operator shall provide proof to the Division that this has been done by the corrective action date.

CORRECTIVE ACTION DUE DATE: February 13, 2020

OBSERVATIONS

This inspection was conducted as part of the Division's routine monitoring program for permitted operations. Elliott Russell, with the Division, conducted the inspection while Don Summers, representing the Operator, accompanied the inspection. DJ Cunningham, also with the Division, accompanied the inspection too.

The Signal Reservoir No. 1 Expansion is a construction materials 111 permit associated with a reservoir expansion project. The permit is approved to affect 30 acres within the footprint of an existing reservoir controlled by Todd Creek Village Metropolitan District. Signal Reservoir No. 1, which was dry at the time of the inspection, is just northwest of Signal Reservoir No. 2, which was full at the time of the inspection. The site is located in northern Adams, County, approximately 4.5 miles east of Interstate I-25, just south of E 168th Avenue. Operations have yet to commence, however, Mr. Summers indicated that they hope to start the project this next year.

Financial Warranty: The Division holds a \$75,000.00 bond for the site. The financial warranty was reviewed as a part of the inspection and the Division has determined the bond is adequate.

Signs and Markers: The permit sign was not posted at the entrance to the site as required by Rule 3.1.12(1). The Division could not clearly see the permit boundary markers. As the Operator indicated the project will likely commence this next year, the Division will require the Operator to establish the permit boundary makers as required by Rule 3.1.12(2). Both of these issues have been cited as compliance problems requiring corrective action.

This concludes the Division's Inspection Report; a subset of photographs taken during the time of the inspection are included below. 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 x8132**, or by email at elliott.russell@state.co.us.

PHOTOGRAPHS



Photo 1. Site overview; looking northwest.



Photo 2. Site overview; looking west.



Photo 3. Signal Reservoir No. 2 embankment (left) and Signal Reservoir No. 1 (right); looking southwest.

Inspection Contact Address

Don Summers
Todd Creek Village Metropolitan District
10450 E. 159th Court
Brighton, CO 80602

CC: Jason Musick with DRMS
DJ Cunningham with DRMS