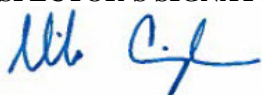




**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

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> Goose Haven Reservoir #2	<b>MINE/PROSPECTING ID#:</b> M-2010-071	<b>MINERAL:</b> Borrow material	<b>COUNTY:</b> Boulder
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Michael A. Cunningham	<b>INSP. DATE:</b> October 7, 2016	<b>INSP. TIME:</b> 13:00
<b>OPERATOR:</b> The City of Lafayette	<b>OPERATOR REPRESENTATIVE:</b> Jon File	<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> No Bond Held	
<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 15, 2016	

**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>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</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>N</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(CI) COMPLETE INSP---- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</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 inspection was conducted by Michael Cunningham of the Division of Reclamation, Mining and Safety (Division). Jon File with Rock Products, Inc., the company contracted to construct the reservoir, was present for the inspection. No representative from the City of Lafayette attended the inspection. The Goose Haven Reservoir # 2 mine is located two miles north of the City of Lafayette on the west side of U.S. Highway 287. The commodities of interest are sand and gravel. The operation is permitted for 232 acres and the post-mining land use is developed water resource.

The purpose of this inspection was to follow up on the previous inspection conducted on July 30, 2015. During the 2015 inspection, the Division found the Operator had deviated from the approved Mining Plan. Specifically, the Operator had changed the method of lining the reservoir from slurry wall to clay liner. In addition, the Operator created a second reservoir in the processing area which was not a part of the approved Mining Plan. The Division cited a problem for failure to follow the approved Mining Plan and required the Operator to submit an Amendment Application by August 7, 2015. The Operator submitted an incomplete Amendment Application to the Division on August 5, 2015. The Amendment Application was filed for review on August 24, 2015. The Division mailed the first Adequacy Letter for the Amendment Application on October 10, 2015. To date, the Division has not received a response to the October 10, 2015 Letter.

The initial review time frame for an Amendment Application is 90 days from the date the application is filed for review. Pursuant to Rule 1.4.1(9), the Operator may request an extension of the decision date, not to exceed 365 days from the date the application was filed. At the request of the City of Lafayette, the decision date was extended out to 365 days from the filing date. The Division will grant one final extension of the corrective action date. If the Amendment Application is not in an approvable form by the new decision date, then the application will be denied. In addition, the Division will set the matter before the Mined Land Reclamation Board for consideration of a possible violation for failure to follow the approved Mining Plan. Notice of the extension of the decision date for the Amendment Application will be sent under separate cover.

The site conditions at the Goose Haven Reservoir are mostly the same as they were during the 2015 inspection. The Operator has removed the majority of the overburden from the processing area which was situated within the 100 year flood plain of Bullhead Gulch. Mining within the southern cell is nearing completion. The Operator is removing the remaining product stockpiles and dressing the pit slopes. The Operator notified the Division that construction of the keyway for the clay liner would occur in the next several months. The Division informed the Operator that no portion of the clay liner may be constructed until such time as the Amendment Application is approved. Any work on the clay liner prior to the approval of the Amendment Application will result in enforcement actions.

This concluded the inspection.

### **Inspection Contact Address**

Brad Dallam  
The City of Lafayette  
2420 Alcott Street  
Denver, CO 80211

CC: Wally Erickson, DRMS

## PHOTOGRAPHS



1. Remaining overburden, adjacent to the processing area.



2. Overview of the southern reservoir.