


**COLORADO**Division of Reclamation,  
Mining and Safety

Department of Natural Resources

**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> Lamb Lakes	<b>MINE/PROSPECTING ID#:</b> M-2018-039	<b>MINERAL:</b> Aggregate	<b>COUNTY:</b> Larimer
<b>INSPECTION TYPE:</b> Pre-operation Inspection	<b>INSPECTOR(S):</b> Jared L. Ebert	<b>INSP. DATE:</b> September 19, 2018	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> North Weld County Water District	<b>OPERATOR REPRESENTATIVE:</b> Richard Raines, Tri-Districts	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Pre-operation Inspection	<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> September 25, 2018	

**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>	(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 and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

This was a pre-operation inspection of the Lamb Lakes site, Division of Reclamation Mining and Safety (DRMS or Division) application number M-2018-039. The applicant for the proposed operation is North Weld County Water District. Mr. Richard Rains with the Tri-districts and Bill Schenderlein with Blue Earth Solutions, LLC, a consultant for the applicant accompanied me during the inspection.

The proposed permit area for the Lamb Lakes site is 128.8 acres and it encompasses a portion of the currently active permitted operations known as the Home Office Mine (DRMS Permit No. M-1977-439). The proposed permit area encompasses three previously mined pits that have been inactive for many years. The three pits are currently not sealed and are filled with groundwater. The application for the Lamb Lakes operation designates each pit from north to south as Lamb A, Lamb B and Lamb C. Please see the Exhibit C-2 map included in the application as a reference. In summary, the proposed operation will consist of some additional excavation in the bottom of the current pit areas and the installation of a slurry wall around the pits. The slurry wall will seal these pits so they may be used for water storage by the applicant and landowners. The proposed post-mine land use for the site is Developed Water Resources.

The Author Ditch is located along the west and south side of the Lamb Lakes. This ditch was flowing at the time of the inspection and it appears to be un-lined. During the inspection we drove around each of the three existing pits. The slopes above the water line for each of the pits varied over the landscape but overall appeared to be graded to a 3H:1V ratio and were stable. The pit slopes were stabilized with grasses and forbs. Also, many trees and shrubs have established around the pits. The trees primarily consisted of cottonwoods, elms and Russian olives. Willow bushes were abundantly established around the pits.

The structures identified on the Exhibit C map appears to be accurate. The only structure observed that was not depicted on the Exhibit C map was a culvert that was observed at the southwest corner of the Lamb C pit. This culvert was below the water surface and protrudes into the pit. We could not locate where the other end of the culvert daylighted as the southern end of the site is fenced off. A two track trail allows access around each of the pits. At various points around the site social trails were observed leading into the site. At many of these points "No Trespassing" signs have been posted.

The proposed operation is currently under review by the Division. The Division will issue a decision on the application by October 23, 2018 unless the applicant requests an extension of the decision date. DRMS received a number of objections to the proposed application and have set the matter for a hearing before the Mined Land Reclamation Board (Board). This hearing is currently scheduled to occur during the November 14 and 15, 2018 Board meeting. However, these dates may be subject to change if the applicant requests an extension of the decision date.

**PHOTOGRAPHS**



Figure 1. Arthur Ditch, from the northwest corner of Lamb A looking south.



Figure 2. From the southeast corner of Lamb A pit looking west.



**Figure 3. From the south end of Lamb A looking north.**



**Figure 4. Poudre Trail bisecting Lamb A and Lamb B pits. From the east end of the site looking west.**





Figure 5. From the northeast corner of Lamb B looking west.



Figure 6. No trespassing sign on the west side of the site.



Figure 7. From the southwest end of Lamb C looking north.

**Inspection Contact Address**

Richard Raines, Tri-Districts  
North Weld County Water District  
4424 Laporte Avenue  
Fort Collins, CO 80521

Enclosure: None

EC: Eric Reckentine, North Weld County Water District. [ericr@NWCWD.org](mailto:ericr@NWCWD.org)  
Bill Schenderlein, Blue Earth Solutions, LLC. [bill@blueearthsolutions.net](mailto:bill@blueearthsolutions.net)