




**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> Knox Pit	<b>MINE/PROSPECTING ID#:</b> M-2017-036	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Larimer
<b>INSPECTION TYPE:</b> Preoperation Inspection	<b>INSPECTOR(S):</b> Jared L. Ebert	<b>INSP. DATE:</b> November 22, 2017	<b>INSP. TIME:</b> 09:50
<b>OPERATOR:</b> Loveland Ready-Mix Concrete, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Stephanie Fancher-English	<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> November 29, 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-----	NA	(FN) FINANCIAL WARRANTY-----	NA	(RD) ROADS-----	NA
(HB) HYDROLOGIC BALANCE-----	NA	(BG) BACKFILL & GRADING-----	NA	(EX) EXPLOSIVES-----	NA
(PW) PROCESSING WASTE/TAILING----	NA	(SF) PROCESSING FACILITIES-----	NA	(TS) TOPSOIL-----	NA
(MP) GENL MINE PLAN COMPLIANCE-	NA	(FW) FISH & WILDLIFE-----	NA	(RV) REVEGETATION----	NA
(SM) SIGNS AND MARKERS-----	Y	(SP) STORM WATER MGT PLAN----	NA	(RS) RECL PLAN/COMP--	NA
(ES) OVERBURDEN/DEV. WASTE-----	NA	(SC) EROSION/SEDIMENTATION---	NA	(ST) STIPULATIONS-----	NA
(AT) ACID OR TOXIC MATERIALS-----	NA	(OD) OFF-SITE DAMAGE-----	NA		

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 proposed mining operation known as the Knox Pit. Loveland Ready-Mix Concrete, Inc. (LRM) submitted a 112c reclamation permit application for the site on September 7, 2017. The application was considered complete and filed for review on September 18, 2017. The proposed permit area for the site is 127 acres located within the un-incorporate town of Laporte, Colorado in Larimer County. In accordance with Rule 3.2(7), all operations applying for a regular permit shall be inspected after the application is filed and prior to Board consideration. I, Jared Ebert with the Colorado Division of Reclamation, Mining and Safety (Division or DRMS) conducted the inspection. Mrs. Stephanie Fancher-English with LRM accompanied me during the inspection.

Two public notice signs were posted at the two entrances to the proposed permit area in accordance with Rule 1.6.2(1)(b).

The southwest corner of the site consists of an access road that leads to a silo used as a cell tower. A small grove of trees are established in this area and amongst the trees there appears to be a corral and several pieces of agricultural equipment.

The southwest quarter of the site is bisected by overhead powerlines and a small two track road that leads to the Little Cache La Poudre Ditch. The majority of this quarter of the site is a gently sloping pasture that appears to have been recently harvested or mowed. A portion of the Taylor and Gill Ditch is located within the permit area on the west side of this parcel and runs along with western boundary. Also, there appears to be a small lateral extending from the ditch to the east into the proposed permit area. This ditch is not included in Exhibit S of the permit application, nor is it identified on the Exhibit C Maps. LRM will need to add this structure to the Exhibit C maps in accordance with Rule 6.4.3. Adjustments to the mining and reclamation plan may be necessary to account for this ditch. Also, LRM will need to provide the required documentation for the Taylor and Gill Ditch required for Exhibit S in accordance with Rule 6.4.19.

The Little Cache La Poudre ditch nearly bisects the entire 127 acre site. This is an unlined ditch that runs from west to east. Within the permit area there are four bridges over the ditch and a box culvert located within the ditch.

The northwest and northeast quarters of the site are similar to the southwest quarter, consisting of recently harvested or mowed pasture land. Cows were observed grazing within this area. Several barbed wire fences split up this parcel.

The southeast quarter of the site consists of several homes and many outbuildings/garages/barn type structures that are owned by LRM. Portions of this area is used as a horse pasture. The northern part of the eastern half of this quarter appears to have been utilized as a storage area for various types of garbage, trash and various types of debris. LRM has contracted with a neighbor to remove this debris.

## **PHOTOGRAPHS**



Figure 1. Notice Sign located at the southwest entrance to the site.



Figure 2. Notice sign located at the southeast entrance to the site.





**Figure 3.** From the southwest entrance looking east.



**Figure 4.** Silo/Cell Tower located in the southwest corner of the site.



Figure 5. Grove of trees in the southwest corner of the site.



Figure 6. Agricultural equipment located in the southwest corner of the site.





**Figure 7. Small lateral of the Taylor and Gill Ditch.**



**Figure 8. Pasture located in the southwest corner of the site.**



**Figure 9. Taylor and Gill Ditch.**



**Figure 10. Little Cache La Poudre Ditch.**





Figure 11. Pasture located in the northwest quarter of the site.



Figure 12. Pasture located in the northeast quarter of the site.





**Figure 13. LRM property located within the southeast quarter of the site.**

**Inspection Contact Address**

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