



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.

MINE NAME: M. Larson Pit #1	MINE/PROSPECTING ID#: M-2018-006	MINERAL: Sand and gravel	COUNTY: Logan
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Jared L. Ebert	INSP. DATE: April 18, 2018	INSP. TIME: 11:50
OPERATOR: Ritchey's Redi-Mix Concrete, Inc.	OPERATOR REPRESENTATIVE: Jerry Ritchey	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Pre-operation Inspection	BOND CALCULATION TYPE: None	BOND AMOUNT: No Bond Held	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 23, 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>NA</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>NA</u>
(HB) HYDROLOGIC BALANCE----- <u>NA</u>	(BG) BACKFILL & GRADING----- <u>NA</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>NA</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>NA</u>	(FW) FISH & WILDLIFE----- <u>NA</u>	(RV) REVEGETATION---- <u>NA</u>
(SM) SIGNS AND MARKERS----- <u>NA</u>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>NA</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>NA</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</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 M. Larson Pit #1, application No. M-2018-006. The applicant for this proposed operation is Ritchey's Redi-Mix Concrete, Inc. I, Jared Ebert with the Colorado Division of Reclamation, Mining and Safety (DRMS) conducted the inspection. Mr. Jerry Ritchey with Ritchey's Redi-Mix Concrete, Inc. accompanied me during the inspection. The landowner, Mr. Marlin Larson was also present during the inspection. The weather was sunny and windy at the time of the inspection.

This is a proposed 112c mining operation for sand and gravel. The proposed permit area is 25.1 acres in size. The applicant is proposing to mine the site in five distinct phases as depicted on the "Exhibit E - Site Map" submitted with the application. The permit area encompasses an intermittent creek known as Coyote Creek. Mr. Ritchey had marked what he believed the permit boundary should be with metal T-Posts. Using the Arc Collector software, the Division collected points at each corner marker set by Mr. Ritchey. Based on the Division's measurements, the area Mr. Ritchey has marked is about 22.02 acres in size not including the proposed access road. The Division has estimated the location of the permit boundary based on the maps submitted with the application. The Division has included a map with this report that depicts the location of the proposed permit boundary based on the Division's estimate and the boundary that was marked at the site. It does not appear the marked boundary is correct. The Division recommends the applicant re-surveys and re-marks the proposed permit area.

The proposed access road will be located east of County Road 91. This road will run due west into the proposed mine area. It appears this corridor has been used by vehicles recently, however this area is part of Mr. Larson's farm field. The proposed Phase 1 and 2 mine area encompass Coyote Creek. The creek area is a shallow and broad area, primarily vegetated with grass with sparse shrubs and trees established. It does not appear that this stream runs frequently given the dense grassy vegetation that has established. Mr. Ritchey indicated they would like to mine in the Phase 2 area first instead of the Phase 1 area. Since the application is still under review, Mr. Ritchey's consultant can make the necessary changes to the proposed mining sequence with their adequacy review response documents. The Phase 3, 4 and 5 area encompass Mr. Larson's farm field.

The mine application notice sign was posted at the entrance to the mine site.

Financial Warranty:

The operation has not begun yet and the amount of required surety is currently under review.

PHOTOGRAPHS



Figure 1. From southeast corner of the proposed permit area looking northwest



Figure 2. Southwest corner looking north.



Figure 3. From the northwest corner looking east.



Figure 4. From the northwest corner looking southeast.

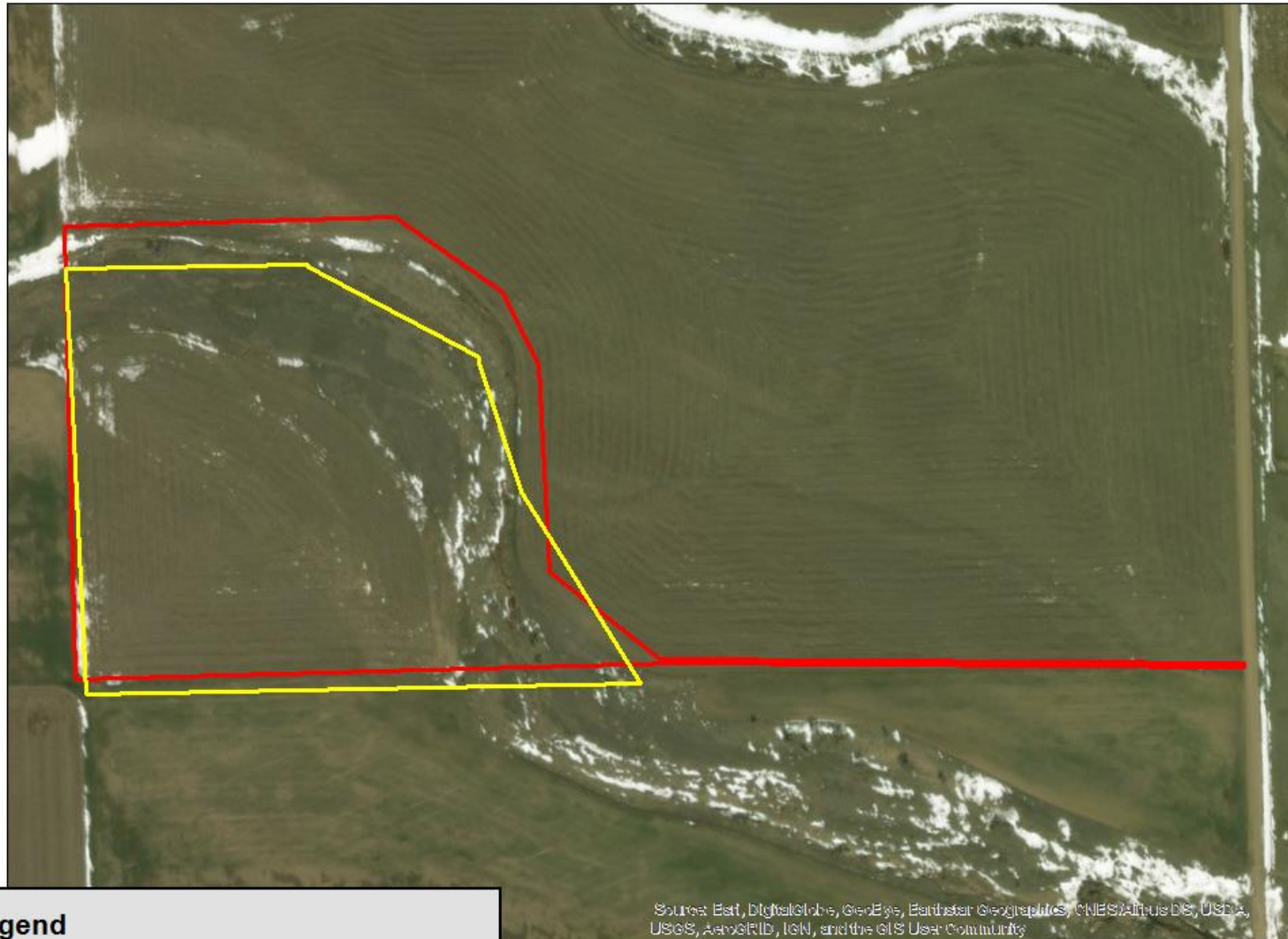


Figure 5. From the north bank of Coyote Creek looking northwest.





Figure 6. From the access road from County Road 91 looking west.

M. Larson Pit #1, Application No. M-2018-006
Pre-Operation Inspection, 18 April 2018



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend

-  18April2018_MarkedBoundary
-  MLarsonPit_PermitBoundary_DRMS_Estimate

0 250 500 1,000 Feet

Jared Ebert, DRMS
Data Collected, 18 April 2018
Map Created 23 April 2018

Inspection Contact Address

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