




**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> Andrews #3 (Mock Pit)	<b>MINE/PROSPECTING ID#:</b> M-1998-075	<b>MINERAL:</b> Sand	<b>COUNTY:</b> Elbert
<b>INSPECTION TYPE:</b> Surety Release Inspection	<b>INSPECTOR(S):</b> Peter S. Hays	<b>INSP. DATE:</b> October 11, 2018	<b>INSP. TIME:</b> 12:00
<b>OPERATOR:</b> Lafarge West, Inc. c/o Lafarge North America	<b>OPERATOR REPRESENTATIVE:</b> Christine Felz	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	
<b>REASON FOR INSPECTION:</b> Surety Release Requested	<b>BOND CALCULATION TYPE:</b> Partial Bond	<b>BOND AMOUNT:</b> \$8,117.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Raining	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> October 17, 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>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</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>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</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**

The Andrews #3 (Mock Pit) was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) in response to a final performance and financial warranty release request (SL-01) submitted by Lafarge West, Inc. on September 4, 2018. The Division is required by Rule 4.17.2 to inspect the site to determine if the Permittee has complied with all applicable requirements. The site was previously inspected by the Division on January 26, 2017. Mrs. Christine Felz with Lafarge North America Inc. was present during the inspection. No comments regarding the release request were received by the Division.

**The Division will deny the final financial and performance warranty release request for the permitted area due to the lack of well-established vegetation at the site.**

The site was permitted for 9.73 total acres. The site was divided into 2 pits; Pit #1 is 4.42 acres and Pit #2 was 4.13 acres. The access road accounts for the remaining 1.18 acres within the permit boundary. Pit #2 was release by the Division under an acreage reduction request on April 11, 2017.

The approved post-mining land use for the site is pastureland. Pit #1 is in final reclamation. The pit was regraded to remove the perimeter berm around the mining area, seed and mulched by Arnold's Custom Seeding (Arnold's) in the fall of 2016. The grading blended the pit disturbance into the existing site topography. No highwalls or steep slopes remain at the site. The access road will remain for the landowners use as approved in the Reclamation Plan.

The reclamation vegetation consisted of areas of little to no grasses and contained mostly Kochia. Evidence of drill row seeding and mulching were observed during the inspection. The south end of Pit #1 has self-reclaimed with well-established and diverse volunteer grass species. The Division recommends the reclamation area is reseeded with the approved seed mixture. The Operator stated the use of imprint seeding would be discussed with Arnold's to improve the reclamation success at the site.

The required mine sign was observed on the entrance gate and the site boundaries were delineated with t-posts as required by Rule 3.1.12. The Division currently hold a financial warranty in the amount of \$8,117, which appears adequate to reclaim the site based on this inspection. No noxious weeds were observed during the inspection. The site was stable, no erosion features were observed during the inspection.

Photographs taken during the inspection are attached.

### **Inspection Contact Address**

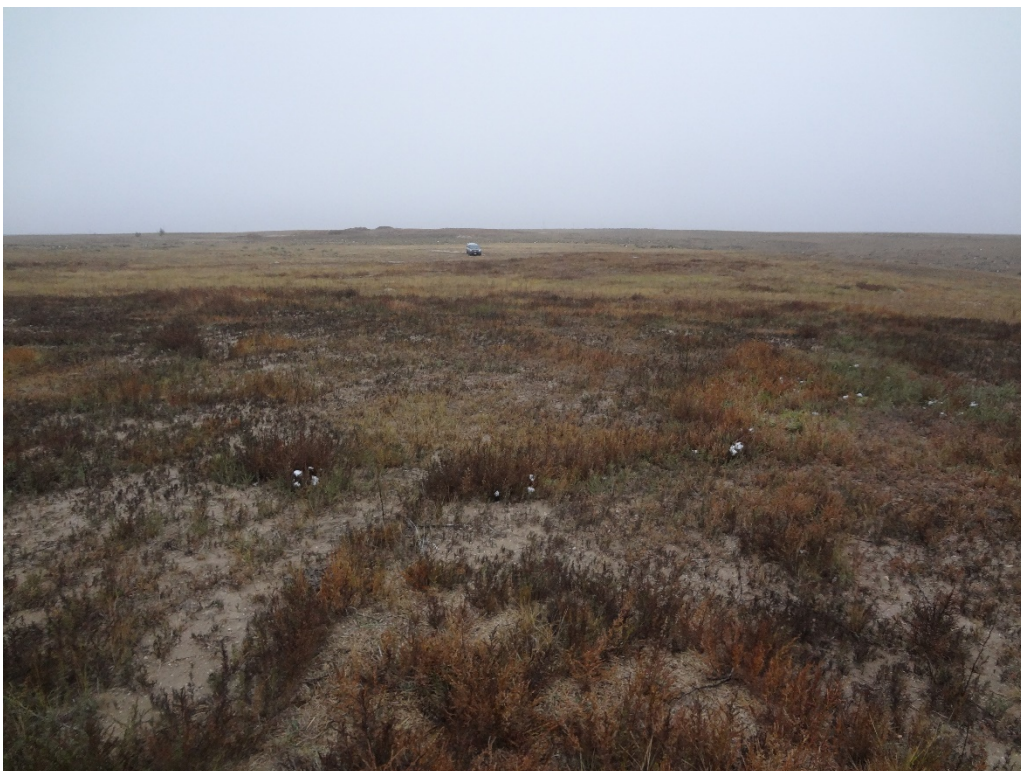
Ms. Christine Felz  
Lafarge North America Inc.  
1687 Cole Blvd, Suite 300  
Golden, CO 80401

Ec: Michael Cunningham, DRMS

## PHOTOGRAPHS



View of the site from the northwest corner looking south



View of the site from the north end looking south



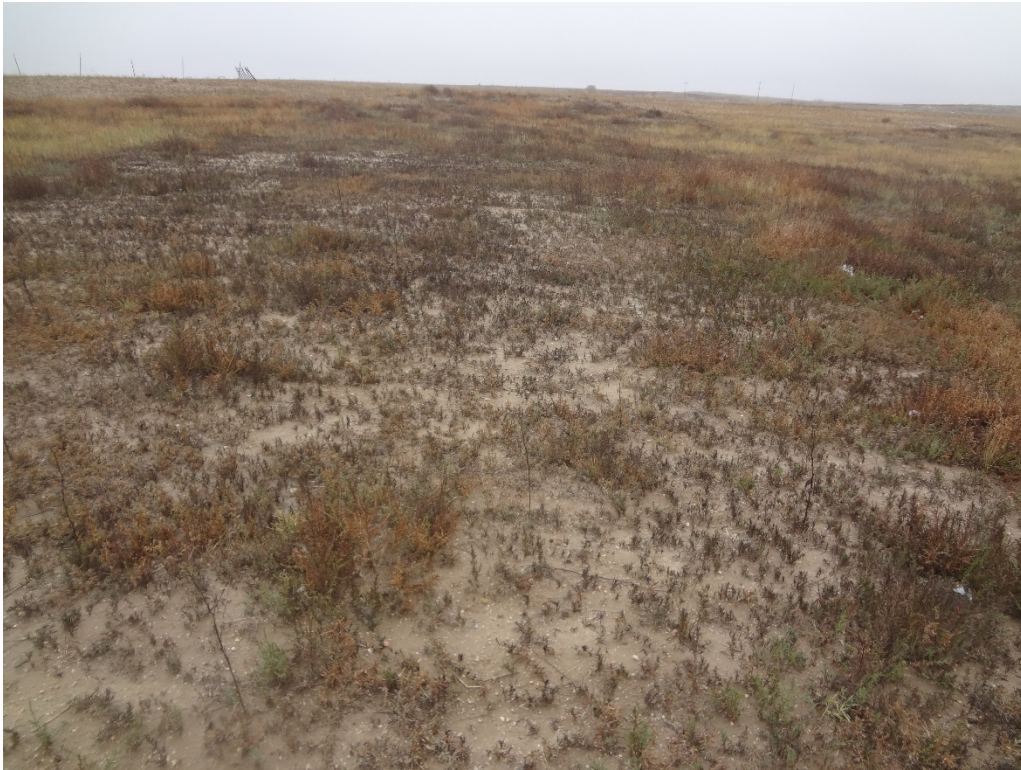


View of the site from the northeast corner looking south



View of vegetation from the south end of the site looking north





View of the vegetation from the southwest corner looking north



Close-up view of reclamation vegetation in the southwest corner of the site