




**COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY**  
**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> Hatchery Pit	<b>MINE/PROSPECTING ID#:</b> M-2014-043	<b>MINERAL:</b> Gravel, sand and bor for construction	<b>COUNTY:</b> Adams
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Tyler V. O'Donnell	<b>INSP. DATE:</b> October 6, 2014	<b>INSP. TIME:</b> 09:00
<b>OPERATOR:</b> Albert Frei & Sons Inc.	<b>OPERATOR REPRESENTATIVE:</b> Ben Frei	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> To be Determined	
<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> December 9, 2014	

**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>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>NA</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>Y</u>	(SB) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <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 pre-operation inspection was conducted in response to a request for a new 112c permit application (M-2014-034) that the Division of Reclamation, Mining and Safety (DRMS) received on August 1, 2014. This pre-operation inspection was conducted by Tyler O'Donnell of DRMS. Albert Frei and Sons, Inc., the Operator, was represented by Ben Frei during the inspection. Steve O'Brian with Environment, Inc, the consultant for Albert Frei and Sons, Inc., was also present during the inspection.

The 112c permit application for the Hatchery Pit was called complete on August 27, 2014. The Hatchery Pit is located approximately 3.5 miles north of Commerce City, Colorado just west of I-76 and north of 88th. The Hatchery Pit is proposed as a 53.17-acre pit for the removal of construction materials, primarily sand and gravel. The proposed post-mining land use is rangeland and or industrial commercial.

The sky was clear. The ground was dry with the exception of the old mining area and the trench in the center of the site. The site was surrounded by industrial/commercial land uses. The public notice required by Rule 1.6.2(b) was posted at the entrance of the site. The proposed Hatchery Pit sits on South Platte River Alluvium and a terrace gravel deposit along the eastern portion of the site. The site was previously used as a sod farm, homestead, and ancillary facilities for a fish hatchery. The northwest portion of the site had previously been mined. The current vegetation on the proposed mine site consisted of: grasses, forbs, shrubs, trees, annual weeds and noxious weeds. The soil consists of large rocks and cobble up to the land surface. The majority of the growth medium had been removed by previous mining and sod farming activities.

### **Inspection Contact Address**

Ben Frie  
Albert Frei & Sons Inc.  
P.O. Box 700  
Henderson, CO 80640

cc: Steve O'Brian  
Environment, Inc.  
7985 Vance Dr., #205A  
Arvada, CO 80003

**PHOTOGRAPHS**



**Photo 1:** Old sod farm area on top of the terrace deposit.



**Photo 2:** Old sod farm area on top of the terrace deposit.



**Photo 3:** Lower alluvial deposit. Old homestead in the background.



**Photo 4:** Lower alluvial deposit.



**Photo 5:** Lower alluvial deposit. Historic mining disturbance in the background.



**Photo 6:** Public notice required by Rule 1.6.2(b) posted at the entrance of the site.