




**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> Longmont Distel Operations	<b>MINE/PROSPECTING ID#:</b> M-1989-029	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Preoperation Inspection	<b>INSPECTOR(S):</b> Peter S. Hays	<b>INSP. DATE:</b> July 14, 2016	<b>INSP. TIME:</b> 09:00
<b>OPERATOR:</b> Aggregate Industries - WCR, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Connie Davis, Brad Schol, Arron Cook	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Pre-Operation Inspection	<b>BOND CALCULATION TYPE:</b> Partial Bond	<b>BOND AMOUNT:</b> \$1,483,800.00	
<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 28, 2016	

**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>	(CI) COMPLETE INSP---- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <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 an amendment application (AM-04) pre-operational inspection of the Longmont Distel Operations site conducted by Peter Hays and Wally Erickson with the Division of Reclamation, Mining and Safety (Division/DRMS). Mrs. Connie Davis with Aggregate Industries, Mr. Bard Schol with the City of Longmont and Mr. Aaron Cook with CH2M were present during the inspection.

The construction materials permit amendment application was received by the Division on March 25, 2016. The application was deemed complete on May 24, 2016. The Applicant published public notice as required by Rule 1.6.2(d) for four consecutive weeks. The last notice was published on May 31, 2016. The public comment for the application ended on June 20, 2016. No objections were received by the Division during the public comment period. The notice sign was observed during the inspection as required by Rule 1.6.2(b). The amendment application was approved by the Division on September 12, 2016.

The amendment application revised the Reclamation Plan to incorporate the captured St. Vrain Creek through the mine site. The restoration project areas were observed from four locations during the inspection.

The Boulder Overflow, East Aggregate and East Hayes restoration areas were observed from the northeast corner of the Distel property. The representative from CH2M stated the northeastern most restoration area was removed from the final design due to the proximity of the eagle nest in the area. The design for the pinch point between the East Aggregate and East Hayes areas was changed to rip-rap on both sides.

The West Hayes and West Aggregate restoration areas were observed from the northwest corner of the Aggregate Industries owned parcel. The West Hayes area will be rip-rapped with soil cover. There will be a gap in the rip-rap due to work not being allowed from the funding source to be used on private property. The West Aggregate area will consist of rip-rap around the corner and north portion of the area. The south portion of the area will be restored with vegetative cover only.

The South Bridge, West Bridge, Bridge/Channel and East Bridge restoration areas were observed from the end of the damaged St. Vrain Trail between the Sherwood and Bigelow properties. The slope in the corner of the South Bridge area and to the south will be regraded to 3H:1V. The topsoil stockpile located east of the South Bridge area will be relocated as part of the restoration project.

The West Peschel and East Peschel restoration areas was observed from the Peschel driveway. The slope of the West Peschel area has been changed to a final 3H:1V slope to protect the driveway. The restoration of the East Peschel area will include soil blanket lifts and root wads. Root wads were stockpiled south of the Peschel driveway near County Line Road.

A final design set of maps with the project revisions was provided by the Operator in response to the Division adequacy letter. Photographs taken during the inspection are attached.

**Inspection Contact Address**

Mrs. Connie Davis  
Aggregate Industries - WCR, Inc.  
1687 Cole Blvd., Ste. 300  
Golden, CO 80401

Ec: Wally Erickson; DRMS

**PHOTOGRAPHS**



View looking NW from East Aggregate area



View looking north from East Aggregate area





View looking NE from East Aggregate area



View looking east from East Aggregate area





View looking west from West Aggregate area



View looking north from West Aggregate area





View looking east from West Aggregate area



View looking west from South Bridge area





View looking NW from South Bridge area



View looking north from South Bridge area





View looking NE from South Bridge area



View looking south from corner of South Bridge area





View looking north from SW end of South Bridge area



View looking east from West Peschel area





View looking NW from West Peschel area



View looking west from West Peschel area