




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.

MINE NAME: Platte Valley Operation	MINE/PROSPECTING ID#: M-1989-120	MINERAL: Sand and gravel	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: February 24, 2016	INSP. TIME: 14:30
OPERATOR: Aggregate Industries - WCR, Inc.	OPERATOR REPRESENTATIVE: Connie Davis	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$754,732.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 26, 2016

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Backfilling & Grading

PROBLEM/POSSIBLE VIOLATION: Problem: The repaired river bank did not appear to extend past the shared Consolidated Mutual and Aggregate Industries property line and did not appear to restore the required Aggregate Industries offset from the property line and pond slope in Phase 3 to the required grade.

CORRECTIVE ACTIONS: Provide as-built survey data for the breach area grading work indicating the property line and toe of slope on the Aggregate Industries property.

CORRECTIVE ACTION DUE DATE: 4/26/16

INSPECTION TOPIC: Revegetation

PROBLEM/POSSIBLE VIOLATION: Problem: The seed mixture used by Arnold's Custom Seeding for the breach area revegetation is unknown.

CORRECTIVE ACTIONS: Provide the seed mixture used by Arnold's Custom Seeding to revegetate the breach area.

CORRECTIVE ACTION DUE DATE: 4/26/16

OBSERVATIONS

The Platte Valley Operation was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the ongoing Platte River breach and flood event repair. Mrs. Connie Davis with Aggregate Industries was present during the inspection.

This inspection is a follow-up to the previous site inspections on July 26, 2015 and July 17, 2015 to verify the completed Platte River breach repair was performed in compliance with Technical Revision No. 5 (TR-05). The technical revision was approved by the Division on August 12, 2015. The technical revision involved the remaining repairs to the east bank of the Platte River on The Consolidated Mutual Water Company's and Aggregate Industries, Inc. properties after returning the river to its original channel. The repairs included grading with concrete rip rap and overburden, topsoiling and seeding. The grading and placement of topsoil was completed recently. The area was seeded the day before the inspection. The seeding and straw crimping was observed during the inspection.

Arnold's Custom Seeding performed the revegetation work for the area. The seed mix used by Arnold's is unknown. The Perry Pit consultant stated the seed mix would be provided to the Division. This is cited as a problem requiring corrective action by the Operator by the due date.

It appeared the grading work did not extend past the shared property line and did not restore the AI offset and Phase 3 pond slope to the required grade. This is cited as a problem requiring corrective action by the Operator by the due date. The Division contacted Mr. York, the consultant for the Perry Pit, regarding as-built survey data for the grading work. Mr. York stated the survey work would be completed soon and would include the property line and toe of slope on the AI property.

A haul road was constructed across the Phase 3 pond to access the overburden stockpile located north of the phase. The road divided the "L" shaped pond into 2 rectangular ponds. The Operator started using the east pond as a wash fines pond, which will backfill the pond. It is unknown if the west pond will be backfilled with wash fines in the future. The majority of the overburden stockpile was used for the flood and breach repair work.

Inspection Contact Address

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

Cc: Wally Erickson, DRMS

PHOTOGRAPHS



Looking NW at haul road through the Phase 3 pond



Looking west at the western portion of the Phase 3 pond



Looking north at the eastern portion of the Phase 3 pond



Looking north at breach repair from SW corner of Phase 3



Looking at the toe of slope along the western shoreline of Phase 3

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>PB</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>PB</u>
(SM) SIGNS AND MARKERS----- <u>N</u>	(SW) 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