




**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> Harms Pit	<b>MINE/PROSPECTING ID#:</b> M-2013-018	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Weld
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Peter S. Hays	<b>INSP. DATE:</b> October 10, 2018	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Pine Bluffs Gravel & Excavating, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Lonny Graves	<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> \$61,267.33	
<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> October 16, 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>Y</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>Y</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 Harms Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. Mr. Tom Lif with Pine Bluffs Gravel & Excavating, Inc. (Pine Bluffs) was present during the inspection. The site was previously inspected by the Division on December 17, 2014.

The Division approved an 110c to 112c permit conversion on March 2, 2015, increasing the permitted acreage from 9.98 to 32.20 acres. The Division holds a reclamation bond in the amount of \$61,267.33, which appears adequate to complete reclamation at the site. The site is approved as an intermittent status operation. The mine identification sign, as required by Rule 3.1.12(1), was observed laying on the ground due to a broken post. The Operator stated the mine sign post would be repaired soon. The boundary markers for the current 9.98 disturbance area appear to have been removed by the landowner to allow a corn crop to be planted immediately adjacent to the mining disturbance boundary.

The approved mining plan states topsoil stockpiles will be protected with silt fence at the toe of the stockpile and any topsoil stockpiles expected to sit more than six months will be broadcast seeded with annual foliage approved by the landowner. Topsoil stockpiles were observed in the southwest corner, along the southern and eastern boundaries and north of the scale. Silt fence was not observed at the toe of the stockpiles, however the stockpiles were vegetated with annual weeds with some grasses. The stockpiles appeared stable. No noxious weeds were observed during the inspection.

The Operator stated the last mining activity occurred in August 2017 by mining the current pit deeper. The pit depth was estimated at twenty-five (25) feet. A partial processing plant was observed east of the excavation area. Two (2) stockpiles of road base were located in the southeast corner of the disturbance area. Erosion gullies have formed along the perimeter of the pit. A large gully is approaching the topsoil stockpile along the south side of the pit. The Division recommends the Operator repairs the gully the next time equipment is on-site to prevent the loss of topsoil. The liner for the fresh water pond is damaged and will require repair prior to storing water in the pond.

The excavation area were GPS surveyed with a Juno 3B by the Division during the inspection. A map indicating the results of the GPS survey and observations from this inspection is attached.

The approved post-mining land use is rangeland. No reclamation activities have occurred at the site. Photographs taken during the inspection are attached.

### **Inspection Contact Address**

Lonny Graves  
Pine Bluffs Gravel & Excavating, Inc.  
P.O. Box 609  
Pine Bluffs, WY 82082

Enclosure – Inspection Map

Ec: Michael Cunningham, DRMS

## PHOTOGRAPHS

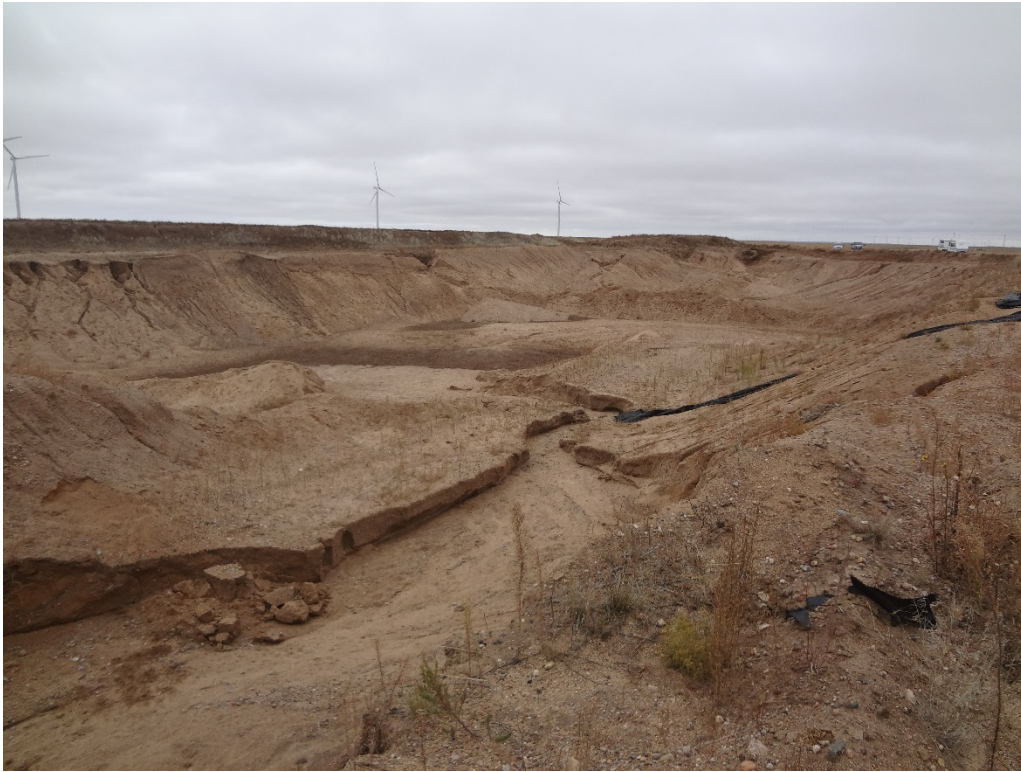


Damage Harms Pit mine sign



View of pit from the west side looking east





View of pit from the northeast corner looking southwest









View of pit from the southwest corner looking northeast



# Harms Pit

October 10, 2018 Inspection Map

## Legend

-  Access Road
-  Current 4.20 Acre Excavation Area
-  Harms Pit
-  Road Base Stockpile
-  Topsoil Stockpile
-  Water Pond

