


**COLORADO**Division of Reclamation,
Mining and Safety

Department of Natural Resources

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: Peters Pit No 2	MINE/PROSPECTING ID#: M-1987-186	MINERAL: Sand and gravel	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: October 10, 2018	INSP. TIME: 12:00
OPERATOR: Weld County Public Works	OPERATOR REPRESENTATIVE: Jeff York	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: 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>NA</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>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 Peters Pit No. 2 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. Jeff York with Weld County was present during the inspection. The site was previously inspected by the Division on February 5, 2014. A map representing observations from the inspection based on a Google Earth image is attached.

The site is an 112c operation permitted for 98.60 acres of total disturbance. Mining activities ended at the site in 2014. The site is in final reclamation. The approved post-mining land use is rangeland. The approved Reclamation Plan states the slopes will be graded to 4H:1V, 1-2 feet of topsoil and overburden will be replaced and the site will be revegetated with a seed mixture recommended by the Soil Conservation Service. On August 5, 2014, the Division approved a technical revision (TR-01) to leave a berm around the western edge of the pit floor to prevent erosion.

The southern 10 acres and two (2) peninsula areas were reclaimed in 2015. The remaining 22 acres including the access road were reclaimed in 2017. The 2015 reclamation areas were vegetated with well-established grasses. The 2017 reclamation area consisted of native grasses including; western wheatgrass, sideoats grama, blue grama, little bluestem and switchgrass. Patches of yellow sweet clover were observed on the pit floor and a patch of diffuse knapweed, a List B Noxious Weed, was observed on the old access ramp. The vegetation on the access road consisted of kochia with bare ground. Portions of the pit slopes and pit floor contained areas lacking adequate vegetation. The Operator stated the access road would be reseeded with the approved seed mixture. The Division recommends the sweet clover and diffuse knapweed are controlled and the bare areas on the pit slopes and floor are inter-seeded when the access road is reseeded by the Operator.

The site appeared stable and no erosion features were observed during the inspection. The mine entrance sign was posted as required by Rule 3.1.12(1). Photographs taken during the inspection are attached.

Inspection Contact Address

Clay Kimmi
Weld County Public Works
P.O. Box 758
Greeley, CO 80632

Enclosure – Inspection Map

Ec: Michael Cunningham, DRMS

PHOTOGRAPHS



Peters Pit No. 2 mine sign



View of access road vegetation from east end looking west



View of the site from the north end looking south



View of vegetation on the north end of the pit floor



Typical bare patch on the pit slope



View of vegetation in the middle of the pit floor looking south



View of access road vegetation from the west end looking southeast



View of the site from the access road looking northwest



View of the site from the access road looking west



View of the site from the access road looking southwest



View of berm along the western edge in the southern portion of the site



View of the 2015 reclamation grasses in the southern portion of the site

Peters Pit #2

October 10, 2018 Inspection Map

Legend

- 2015 Reclamation Area
- 2017 Reclamation Area
- Approx. Permit Boundary
- Diffuse Knapweed Patch
- Weld County Peters Pit No 2

Diffuse Knapweed Patch

Weld County Peters Pit No 2

Google Earth

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1000 ft

