



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: Mantle Pit #3	MINE/PROSPECTING ID#: M-1998-047	MINERAL: Sand and gravel	COUNTY: Moffat
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: August 5, 2015	INSP. TIME: 12:40
OPERATOR: Moffat County	OPERATOR REPRESENTATIVE: Billy Mack	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: August 13, 2015

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>NA</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SW) STORM WATER MGT PLAN---- <u>Y</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <u>Y</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 inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Mantle Pit #3 is a 112c permitted site that includes a total of 17.9 permitted acres. It is located approximately 12 miles northeast of Dinosaur, CO and is accessed from Moffat County Road 16. Billy Mack represented Moffat County and accompanied Amy Yeldell of the Division on the inspection.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The sign is located at the entrance of the permit boundary. There is a gate just off of CR 16 as you enter the Mantle's property; the permit boundary starts approximately three-quarters of a mile down the road. T-posts have been placed to clearly delineate permit boundaries. A small perimeter berm has been constructed to ensure that no sediment leaves the permit area.

The site is currently not active but well maintained. No equipment or fuel is stored on site. The earthen berm lined containment remains in place. Annually stockpiled material is trucked off on an as needed basis but no new excavations or crushing operations have occurred since approximately 2007. Stockpiled material is stable with no erosion.

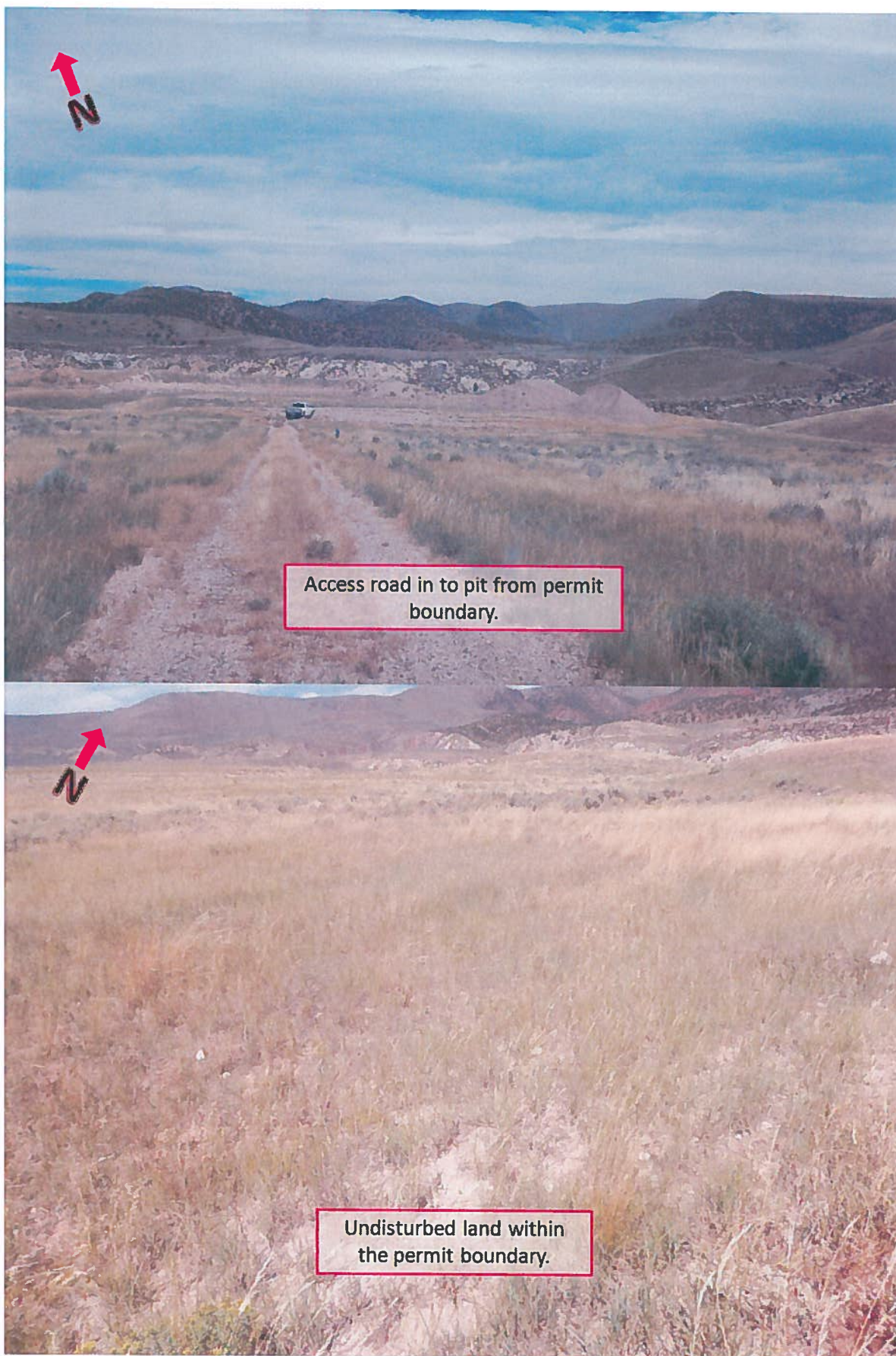
The topsoil and overburden piles are clearly marked with signage to prevent accidental loss. The piles were seeded and have adequate vegetative cover. They are stabilized with the approved seed mix as well as other volunteer species. The majority of the site is also stabilized with native volunteer species. The site is actively grazed by the landowner but it has had no effect on the pit. All weeds were successfully treated as withering was noted.

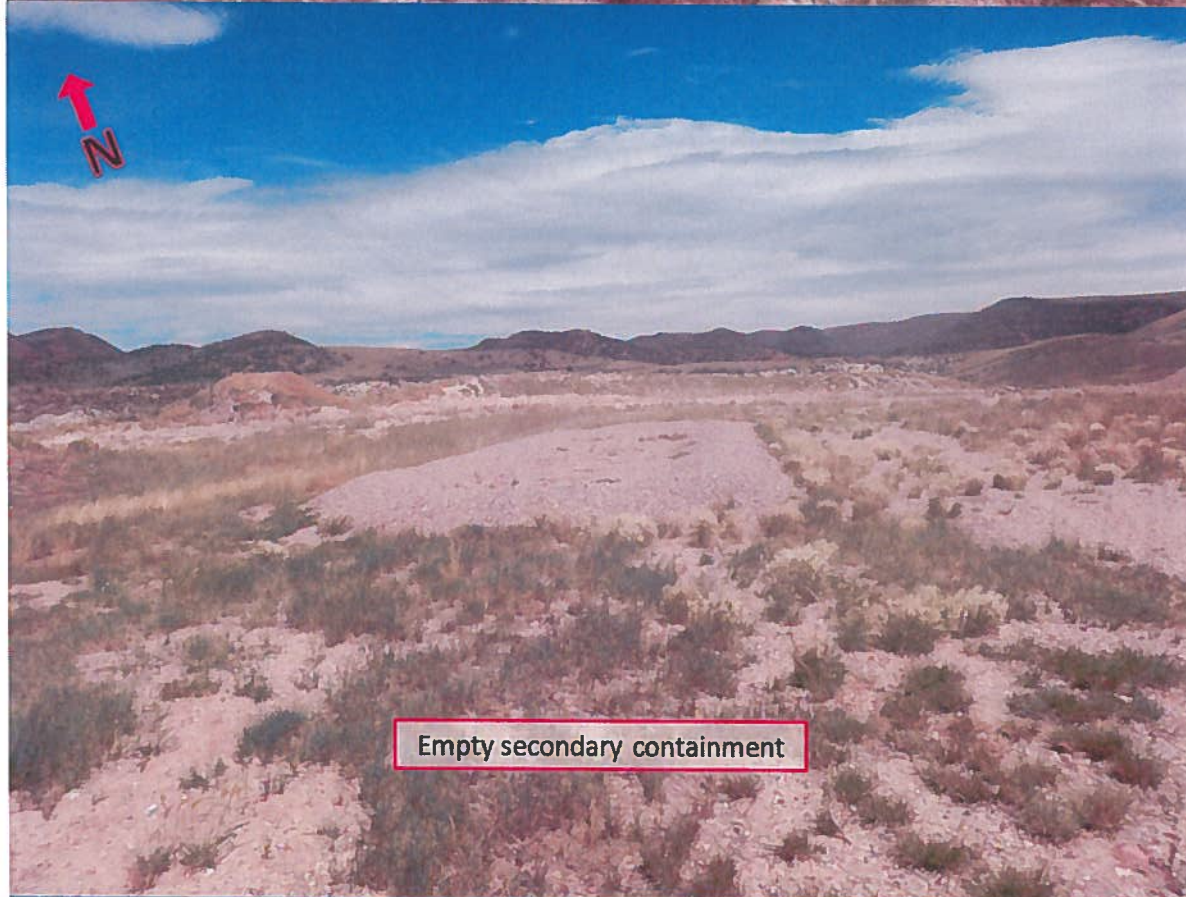
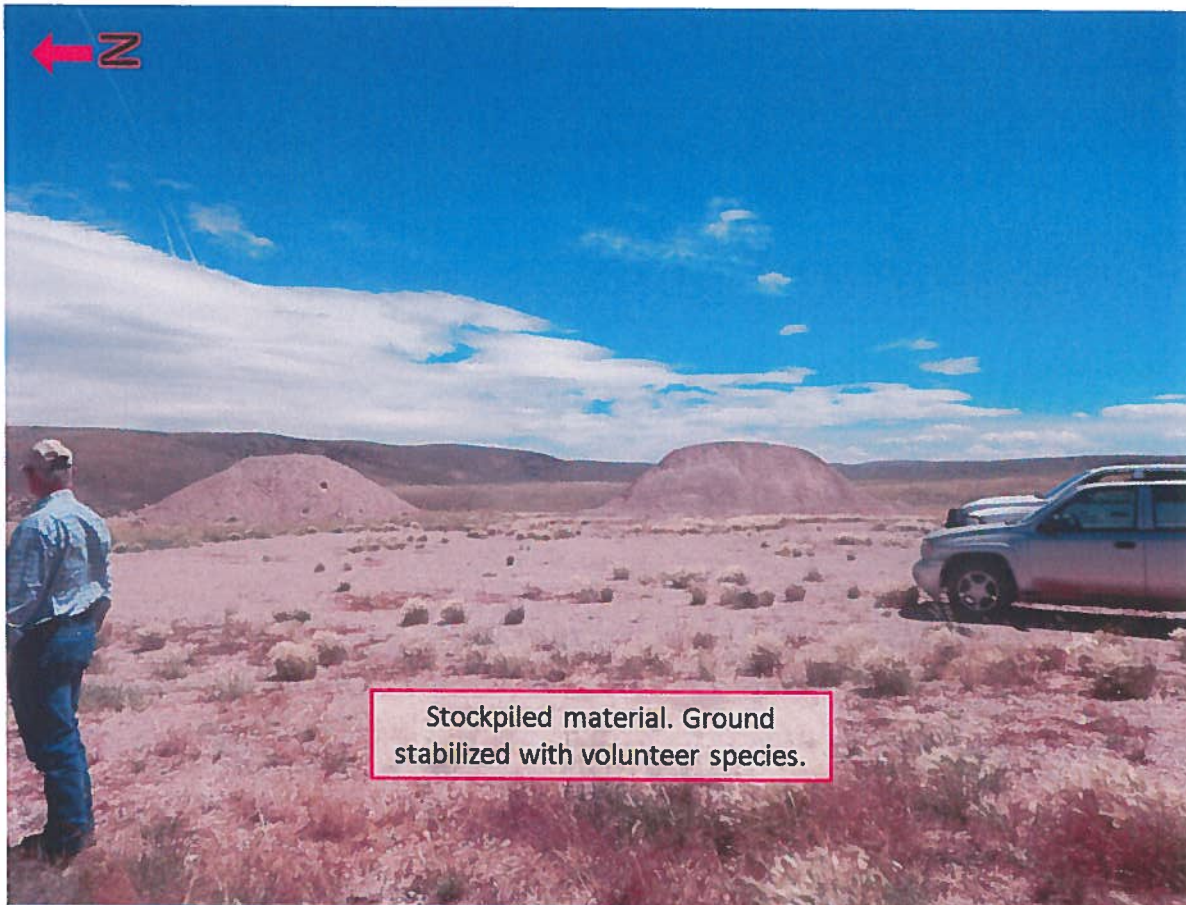
No problems or violations were noted during this inspection.

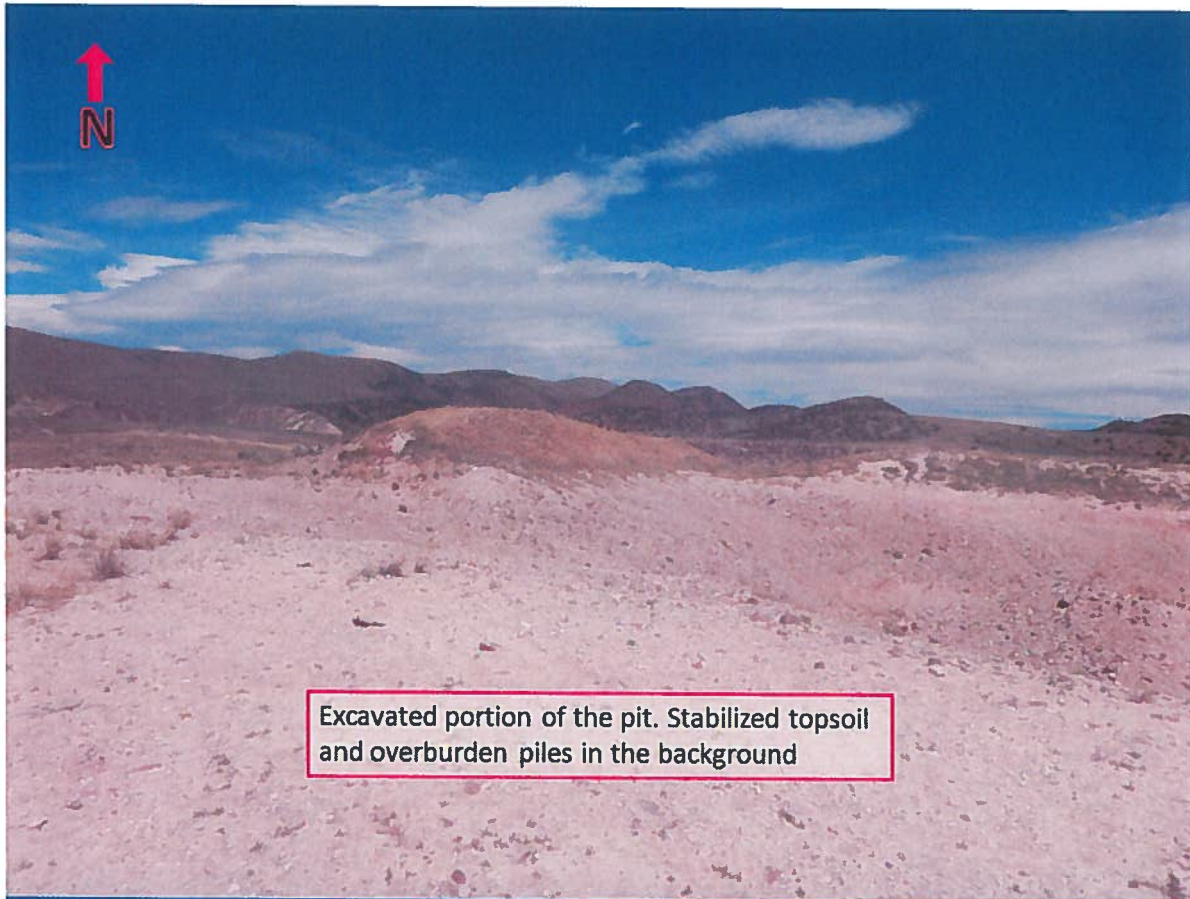
Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@state.co.us

PHOTOGRAPHS

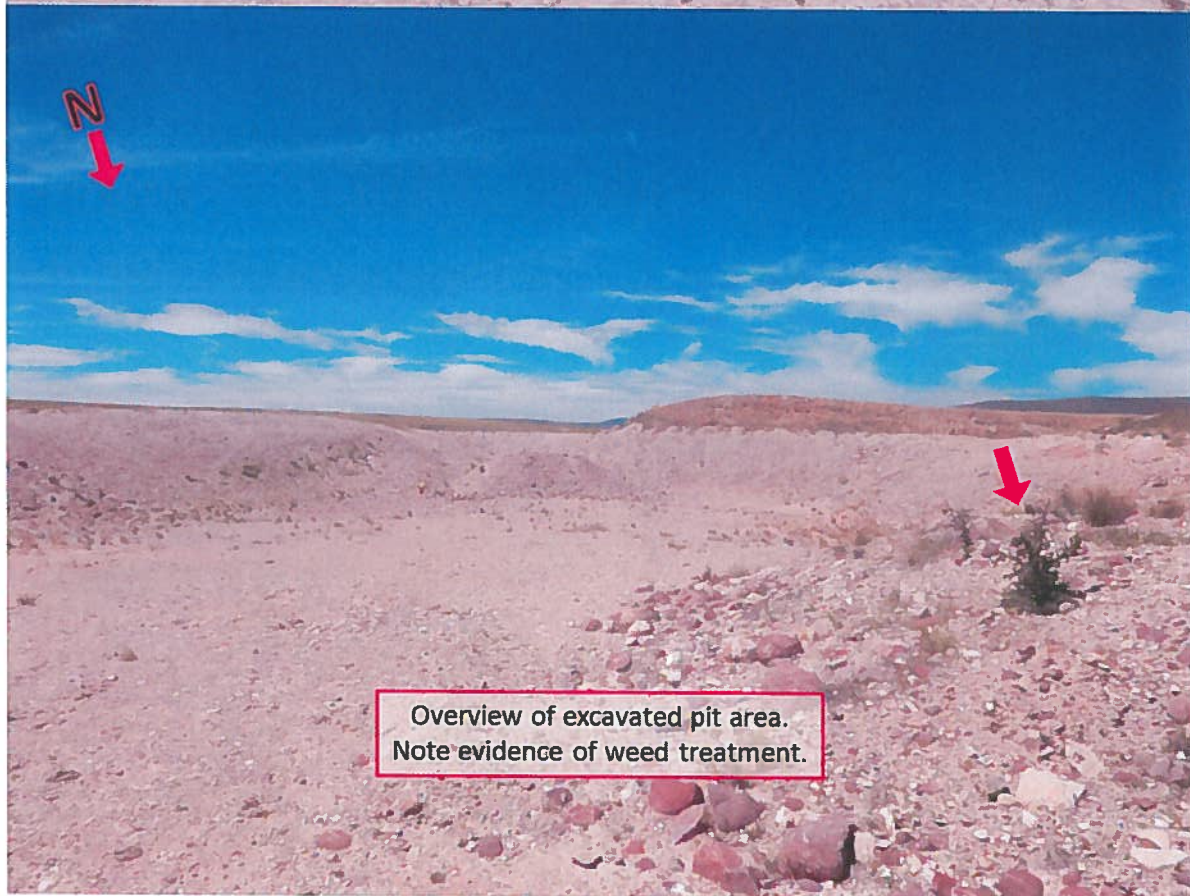




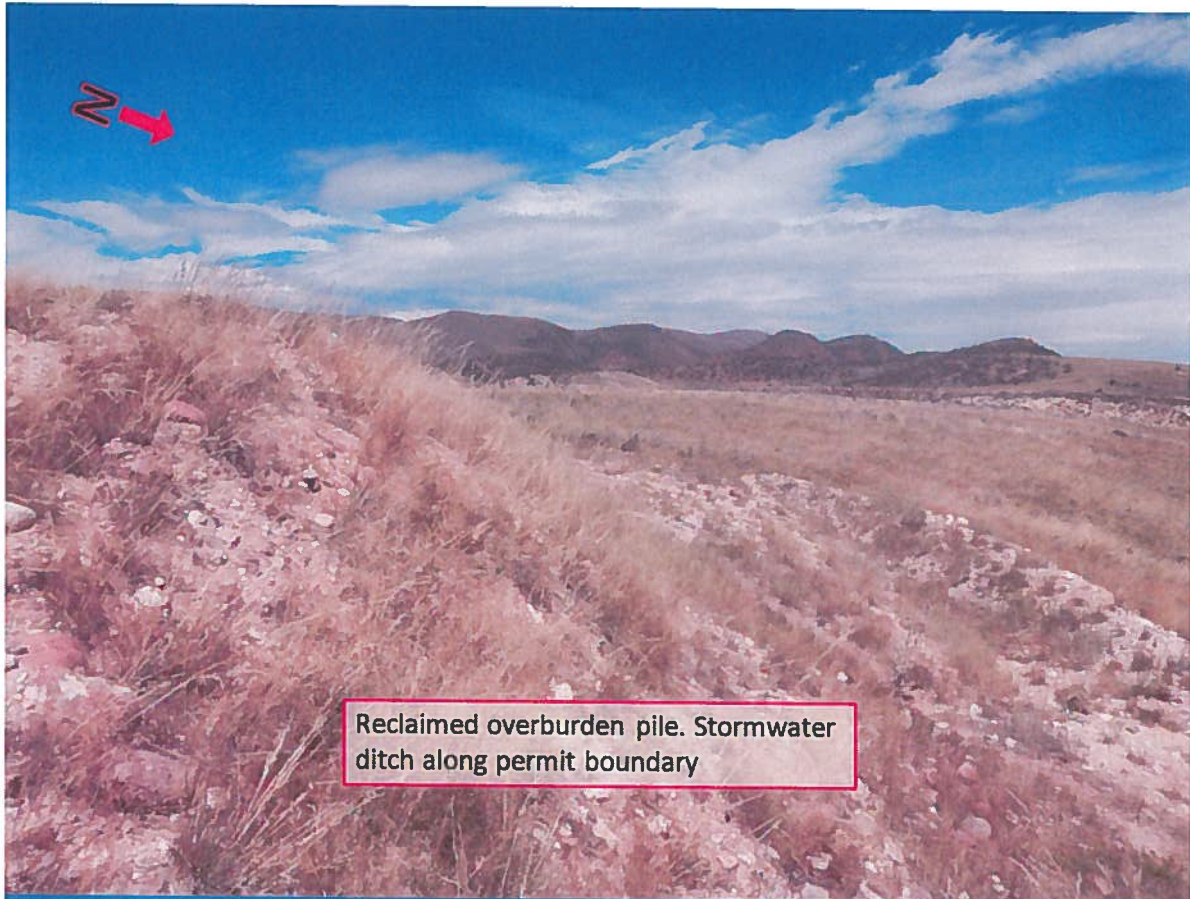




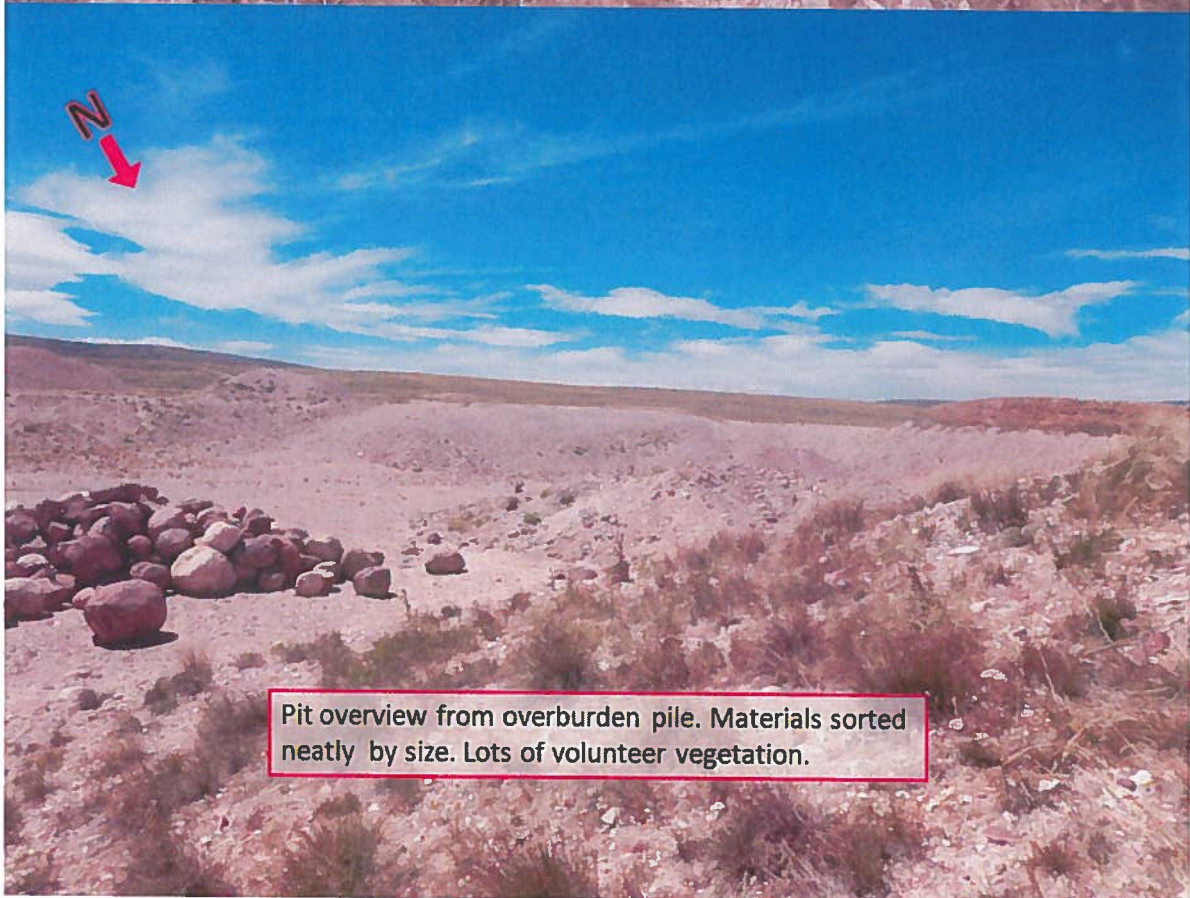
Excavated portion of the pit. Stabilized topsoil and overburden piles in the background



Overview of excavated pit area.
Note evidence of weed treatment.



Reclaimed overburden pile. Stormwater ditch along permit boundary



Pit overview from overburden pile. Materials sorted neatly by size. Lots of volunteer vegetation.

Inspection Contact Address

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P.O. Box 667
Craig, CO 81626

Enclosure

CC:
Russ Means, Senior EPS / Field Office Supervisor, Grand Junction DRMS