



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: Lamar Park Grav Pit	MINE/PROSPECTING ID#: M-1987-078	MINERAL: Sand and gravel	COUNTY: Prowers
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Eschberger	INSP. DATE: August 14, 2014	INSP. TIME: 08:30
OPERATOR: City of Lamar	OPERATOR REPRESENTATIVE: John Sutherland and Patrick Mason	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: NA	BOND AMOUNT: \$0.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: <i>Amy Eschberger</i>	SIGNATURE DATE: October 21, 2014

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>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(SB) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</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 a normal monitoring inspection of the Lamar Park Gravel Pit (Permit No. M-1987-078) conducted by Amy Eschberger of the Division of Reclamation, Mining, and Safety (Division). Mr. John Sutherland and Mr. Patrick Mason represented the Operator, City of Lamar for the inspection. This site is located within the city limits of Lamar, Colorado in Prowers County, on municipally-owned land. This site is located just south of another City of Lamar operation permitted by the Division under Permit No. M-1977-572 (Lamar East Pit).

This site is located within an industrial area used by the city for storage of equipment, vehicles, and refuse. Therefore access to the site is not off of a publicly used road. A gated entrance to the site is located in its northwestern corner, which can be accessed by driving through the Lamar East Pit (currently used as a public park). The site can also be accessed from the south via dirt roads which cross through the industrial area. The post-mining land use for this site is wildlife habitat.

This is a 110c operation permitted for 7.6 acres to mine sand and gravel to depths of 12-14 feet. The mined material is used for maintenance of gravel alleys and streets and other needs throughout the city. This permit replaced a 111c Special Operation permit (Permit No. M-1987-050; Industrial Park Pit) for this site. The permit area is rectangular in shape. Mining commenced in the eastern portion of the permit area in 1993 and has continued westward. An Acreage Reduction request (AR-01) approved by the Division on May 17, 2001 released 2.3 acres of the far eastern portion of the permit area.

At the time of the inspection, the weather was warm and breezy, and the ground was slightly moist from a previous rain event. A permit sign was posted at the northern permit boundary near the main access road (Photo 1). The northern permit boundary was delineated by a fenceline, and the western boundary was delineated by the main access road. The eastern and southern boundaries were marked by metal posts (Photo 2). No mining activity was occurring during the inspection. Mr. Mason indicated that mined material is hauled off site every year. A small track loader was present in the western portion of the site. Some equipment and old vehicles were stored near the southern permit boundary (Photos 3 and 4). The current post-mining land use of wildlife habitat would not allow for storing this equipment on site. However, the post-mining land use can be changed through the submittal of a permit Amendment. If instead, the Operator wishes to add an additional post-mining land use, this can be done through the submittal of a Technical Revision. Otherwise, any unapproved equipment, vehicles, or refuse should be removed from the permit area.

The current excavation area is located near the center of the site (Photo 5). Topsoil and overburden have been removed from this small area and stored adjacent to the excavation. Several small stockpiles of mined material are present west of the current excavation area, near the main access road (Photo 6). A topsoil stockpile is stored near the southern permit boundary (Photo 7). This stockpile appears to be stable with some volunteer vegetative cover (consisting mainly of annual weeds). A few material stockpiles are stored near the center of the site, and appear to be stable with volunteer vegetative cover (also consisting mainly of annual weeds).

The eastern portion of the permit area that was mined in 1996 has been in reclamation since 2008. The Operator has delineated this area with posts. This area was graded nearly flat. Vegetation in this area has become well-established, with a mixture of native grasses and forbs (Photos 8 and 9). There are some annual weeds present, including kochia and Russian thistle. However, these weeds do not appear to be hindering the growth of desired vegetation. According to the last Annual Report (submitted on May 30, 2014), the Operator estimates this reclaimed area to be approximately 3.0 acres in size. However, after conducting the recent inspection, the Division estimates this area to be approximately 2.5 acres in size. This is based on placing the western boundary of the reclaimed area along the eastern edge of the dirt road that runs northwest-southeast across this area.

As discussed with Mr. Sutherland and Mr. Mason during the inspection, this area will not be releasable until the small gravel stockpile located on the western edge (Photo 10) is removed and the area beneath it is revegetated. In addition, the bare, graded area just north of the small gravel stockpile (see Photo 10) will also need to be revegetated. Any land released from this permit will need to be consistent with the post-mining land use of wildlife habitat (see above for information on changing/adding to the post-mining land use). The portion of land located east of the small gravel stockpile and the graded area appears to be releasable. The Division estimates this area to be approximately 2.0 acres in size. If the Operator wishes to release this area at this time, an Acreage Reduction request will need to be submitted within 60 days of this inspection report (for no additional inspection required). An Acreage Reduction request form is enclosed with this report.

Vegetation has volunteered throughout the permit area and consists of native grasses and forbs, and annual weeds (primarily kochia and Russian thistle). Small numbers of field bindweed and wild sunflowers were also present in disturbed areas. Although its population in the permit area is currently small, field bindweed is a state-listed noxious weed species which should be closely monitored and controlled. The Division recommends the Operator continue to monitor and control the growth and spread of both nuisance and noxious weeds in the permit area, and implement the approved weed control plan for this site as needed.

As the Operator is a unit of government, no Financial Warranty is required for this site.

PHOTOGRAPHS



Photo 1. View of permit sign posted at northern permit boundary near site entrance. Note small excavation area at right.



Photo 2. View looking east, showing metal post marking southern permit boundary.



Photo 3. View looking east from southern permit boundary, showing equipment stored on site (marked). Note topsoil stockpile (at left).



Photo 4. View looking west from dirt road located south of permit area, showing non-mining related equipment and vehicles stored on site (marked).



Photo 5. View of small excavation area located near center of permit area. Note small track loader (at right).



Photo 6. View looking northeast from western permit boundary, showing several small material stockpiles stored in western portion of permit area.



Photo 7. View looking northeast across reclaimed land located in eastern portion of permit area, showing well-established vegetation.



Photo 8. View looking north from southern permit boundary, showing small gravel stockpile that will need to be removed before this area can be released. Also note bare, graded area (at left) that will need to be revegetated.

Inspection Contact Address

Patrick Mason
City of Lamar
102 E Parmenter St
Lamar, CO 81052

Enclosure: Acreage Reduction Request Form

CC: Tom Kaldenbach, DRMS



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203 ph(303) 866-3567

REQUEST FOR FULL OR PARTIAL RELEASE OF PERMIT AREA

Please indicate if you are requesting:

FULL/FINAL RELEASE OF ENTIRE PERMITTED AREA _____

ACREAGE REDUCTION (PARTIAL RELEASE) _____

If you are requesting an acreage reduction, you will need to specify how many acres you wish to remove from the existing permit under this revision. I wish to release _____ acres at this time. You will also need to submit updated mining and reclamation plan maps that accurately depict both the proposed acreage to be released from the current permit area, and the resulting new permit boundary.

File No.: M- _____ Site Name: _____

County: _____

Permittee: _____

Operator (If Other than Permittee): _____

Permittee Representative: _____

Certified Mail# _____

In accordance with Rule 4.17.1(2) the Operator shall include the names, addresses and phone numbers of all owners of record to the affected land. Please attach additional sheets for this information if required.

In accordance with Rule 4.17.1(4) the Operator or their agent MUST sign that they have complied with the following statement: "All applicable portions of the Reclamation Plan requirements have been satisfied in accordance with these Rules and all applicable requirements under the Act."

Signature of Permittee, Operator or their authorized agent

Date

Important: In accordance with Rule 4.17.1(3) This release request must be submitted to the Division via certified mail and separate from any other correspondence to the Division.