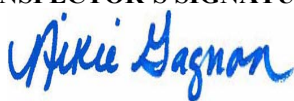




MINERALS PROGRAM INSPECTION REPORT

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: Rothe Sand & Gravel Pit	MINE/PROSPECTING ID#: M-1995-017	MINERAL: Sand and gravel	COUNTY: Logan
INSPECTION TYPE: Monitoring	INSPECTOR(S): Nikie Gagnon	INSP. DATE: May 25, 2022	INSP. TIME: 11:30
OPERATOR: City of Sterling	OPERATOR REPRESENTATIVE: George Good	TYPE OF OPERATION: 110c - Construction Limited Impact	
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: June 1, 2022	

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>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>N</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>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>	(RS) RECL PLAN/COMP-- <u>Y</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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This inspection represented a normal I&E inspection, conducted at the Rothe Sand & Gravel Pit, DRMS Permit No. M-1995-017 operated by the City of Sterling. Nikie Gagnon and Jason Musick with the Colorado Division of Reclamation, Mining and Safety (DRMS or Division) conducted the inspection. George Good representing the City of Sterling, accompanied the Division during the inspection. The site was dry and the weather was clear and warm.

This is a 9.5 acre 110c mining operation in Logan County.

Signs and Markers: The mine entrance sign was in place and the permit boundary was marked.

Hydrologic Balance: Two connected pits contain exposed ground water at the site. In August 2017, the Division of Water Resources approved a Substitute Water Supply Plan and well permit that allow for evaporative and mining depletions at the Rothe Sand & Gravel Pit. Additionally, the Division approved an amendment to expand and connect the two pits. The 2017 Amendment also changed the post-mining land use to recreation.

Roads: The access road to the site was graded and maintained. The City maintains a gravel parking lot for recreation users at the entrance to the permit boundary.

Reclamation Success: The two small open water pits with walking trails around them are at the northern end of the permit boundary. The side slopes of the pits are sloped to a 3:1 angle both 5 feet above and 10 feet below the waterline in accordance with Rule 3.1.5(7). The ponds are connected by a culvert in the middle. The affected land surrounding the pits are vegetated with grasses and trees. The southern end of the permit area has been graded to blend in with the surrounding area and has been revegetated grasses, forbs and trees. The area appears stable and weeds are controlled. Russian olive trees were noted in some areas. The Division recommends removing these prior to seeking a release of the permit.

Permit Release: According to Mr. Good, the City of Sterling currently uses this site as a park and recreation area and there are no plans for additional mining. It was discussed with Mr. Good that the City should consider applying for a permit release for the site since mining and reclamation is complete.

Photographs taken during the inspection are attached.

Please contact Nikie Gagnon (303)866-3567 ext. 8126 or email at nikie.gagnon@state.co.us if you have any questions regarding this report.

Inspection Contact Address

George Good
City of Sterling
421 N. 4th Street
Sterling, CO 00000

CC: Jason Musick, Senior EPS, DRMS

PHOTOGRAPHS



Northern entrance to permit area. Gravel trails and western pit.



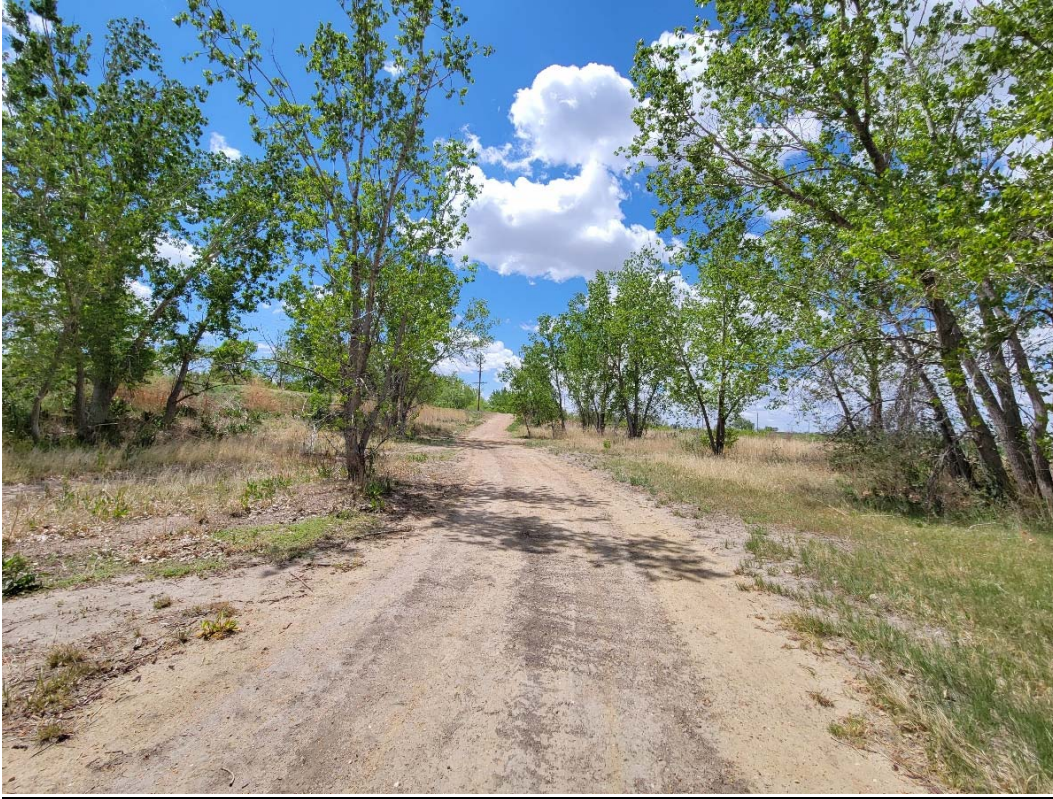
Looking northeast at western pit.



Looking south at western pit. Closer view of shoreline side slopes and vegetation.



Culvert installed connecting the two pits.



Southern end of permit boundary.



Looking northeast at eastern pit and gravel trail.



Looking northeast at eastern pit and gravel trail. Closer view of shoreline vegetation.



Russian olive trees along trails in the middle of permit area.



Russian olive trees along trails in the middle of permit area.