




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: Yetter Pit	MINE/PROSPECTING ID#: M-1996-050	MINERAL: Sand and gravel	COUNTY: Logan
INSPECTION TYPE: Surety Release Inspection	WEATHER: Clear	INSP. DATE: August 30, 2023	INSP. TIME: 12:30
OPERATOR: R & J Yetter Sand & Gravel LLC	OPERATOR REPRESENTATIVE: Jewelie Yetter	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Surety Release Requested	BOND CALCULATION TYPE: None	BOND AMOUNT: \$17,500.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Nikie Gagnon	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 6, 2023	

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>N</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>N</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 was conducted at the request of the Operator, Jewelie Yetter, to evaluate the reclamation success for a full/final release of 9.9 acres. Jewelie Yetter was aware of the inspection but was unable to attend. Marcus Raines, the landowner, was on site in his home and spoke to the Division at the beginning of the inspection. Marcus stated he has no objection to the release and is satisfied with the overall reclamation and the recent revegetation on the eastern end of the permit area.

This site is a 9.90 acre operation and the approved post-mining land use is wildlife habitat with an unlined pond.

Reclamation Success:

Reclamation work is complete. The pit was backfilled and graded and all stockpiles have been removed. An approved access road encircles the pond that will be utilized for recreation access.

Revegetation:

The desired vegetation is well established across most of the permit area. Native grasses, cattails, forbs, and some annual sunflowers were observed along the shorelines. Willows were observed along the northern bank and a couple of cottonwood trees have established on the north and south shoreline. Some small areas of compaction and sparse vegetation were noted, due to the landowner using the lake for recreation.

The small grassy area south of the access road, has patchy vegetation and is compacted. The landowner uses this area to park recreation vehicles, some bare ground is visible, but a combination of Kentucky bluegrass and native grasses were observed uniformly across the area, interspersed with a few annual weeds.

This past spring, the northeastern corner and eastern side of the pond were overseeded utilizing a drill seeding method. Over the spring and summer months, Logan County received higher precipitation than what is typical for the region helping the revegetation. Western wheatgrass and big bluestem plants were observed in this area, along with a few stands of prairie cordgrass and young cottonwoods along the banks. Vegetation uniformly covers the reseeded area and the grasses are interspersed with patches of annual weeds, primarily kochia and Russian thistle, which is expected at this stage of regrowth. This area had been mowed to help control weeds and the landowner stated he plans to continue mowing as a method of weed control. Overall vegetation has replaced the bare ground that was noted in this area during the May 2023 inspection and the Division is no longer concerned with erosion of bare areas or vegetation success.

Hydrologic Balance:

The South Platte borders the property. A permanent berm was constructed outside the permit boundary to mitigate flooding from the river. No evidence of flooding or runoff from the property was noted during this inspection. The shore of the unlined pond is graded to 3H:1V or shallower and the underwater portion is graded to no steeper than 2H:1V and appears to be mostly shallower close to shore. The shoreline is vegetated all around the pond. Birds were observed in the trees on the south side of the pond and in the cattails on the northern side.

Signs and Markers:

The permit boundary is clearly marked with 2-inch white PVC posts and the mine sign was posted on a wood

post at the entrance to the property.

Based on observations made during this inspection the request for an acreage release of 9.9 acres will be approved. Notice of the Division's decision regarding the release request will be sent under a separate cover letter.

Photographs taken during inspection are attached.

Any questions or comments regarding this inspection report should be forwarded to Nikie Gagnon at the Colorado Division of Reclamation, Mining and Safety via telephone at 303-866-3567, ext. 8126, or email at nikie.gagnon@state.co.us.

PHOTOGRAPHS



Photo 1: Southwestern corner of the pond. Note the shoreline is less than 3H:1V and the underwater grade is less than 2H:1V.



Photo 2: Looking east along the south shoreline. The area is near the entrance to the pond and used for recreation by the landowner.



Photo 3: Looking west along the south shoreline. Slopes are 3H:1V or shallower.



Photo 4: Looking west at RV parking area south of the access road.



Photo 5: Looking east at the eastern end of the south shore.



Photo 6: Looking north across the eastern shoreline. Area overseeded in 2023. Western wheatgrass and big bluestem were observed in this area. Cottonwoods are growing along the shoreline.



Photo 7: Looking east at reseeded area in the northwest corner. Boat launch in this area of the lake, soil is slightly compacted from recreation use.



Photo 8: Looking west down the northern shoreline.



Photo 9: Looking east from the northwestern corner shoreline. This area was revegetated first after mining and appears dense and regenerating.

Inspection Contact Address

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