



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: Mask Ranch Gravel Pit	MINE/PROSPECTING ID#: M-2002-087	MINERAL: Gravel	COUNTY: Archuleta
INSPECTION TYPE: Monitoring	INSPECTOR(S): Lucas J. West	INSP. DATE: June 2, 2015	INSP. TIME: 13:00
OPERATOR: Mask Ranch, LLC	OPERATOR REPRESENTATIVE: Roger August, Ranch Manager	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$11,760.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS:	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE:	SIGNATURE DATE: June 19, 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>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>NA</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(SB) COMPLETE INSP---- <u>NA</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>NA</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>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 normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety. The Mask Ranch gravel pit is a 110c gravel operation, in final reclamation, located on the San Juan River, approximately 2 miles south of Pagosa Springs in Archuleta County. The operation is approved for 9.5 acres of affected lands and the approved post reclamation land uses of developed water resources and wildlife habitat. Five (5) photos accompany this report.

The Division currently holds \$11,760.00 financial warranty. The Division will review the reclamation costs in order to ensure the financial warranty reflects the actual current cost of fulfilling the remaining requirements of the approved Reclamation Plan. The Operator will be notified under separate cover if the Division determines that the current financial warranty amount is in surplus or deficit.

The affected area is in final reclamation for the intended post reclamation land use of wildlife habitat and developed water resources. An exposed ground water pond, approximately five (5) acres in surface area occupies most of the site. The pond structure is sufficient with an undulating shoreline, island, and peninsula with an average depth of around eight (8) feet. The pond slopes appear to be no steeper than required 3H:1V and are compliant with Rule 3.1.5(7). No stockpiles remain on site, and grading has been completed.

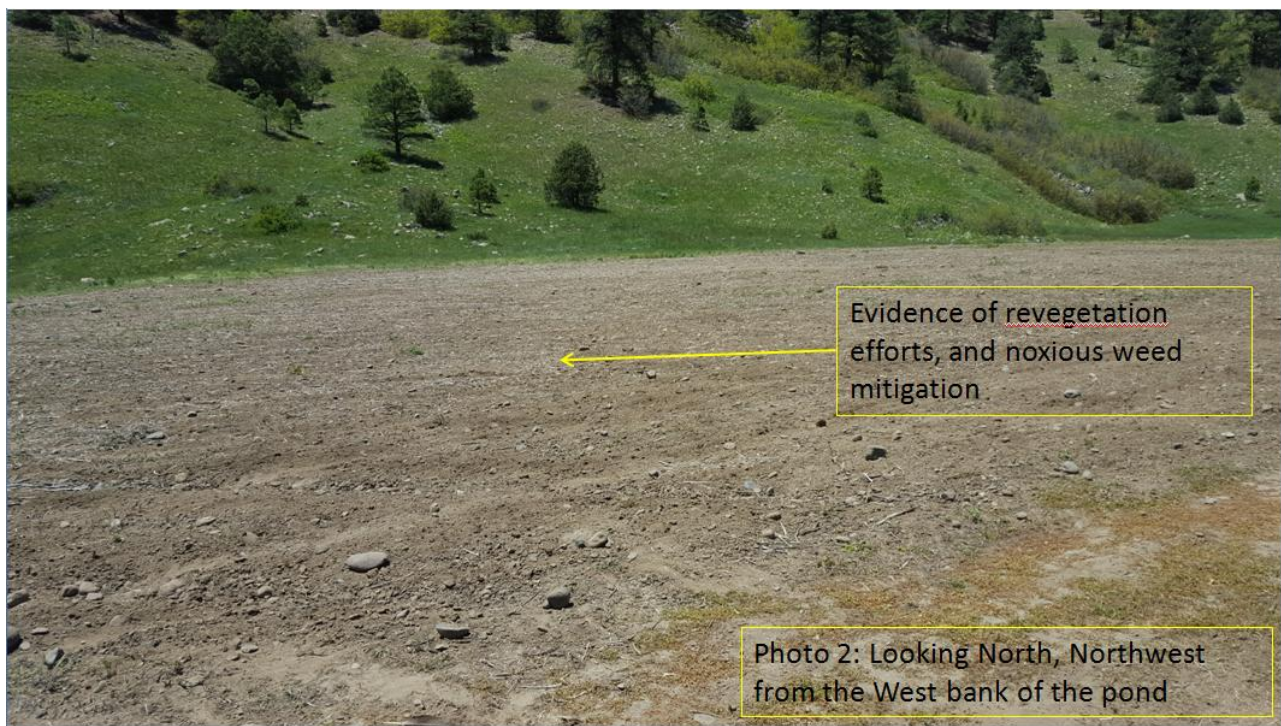
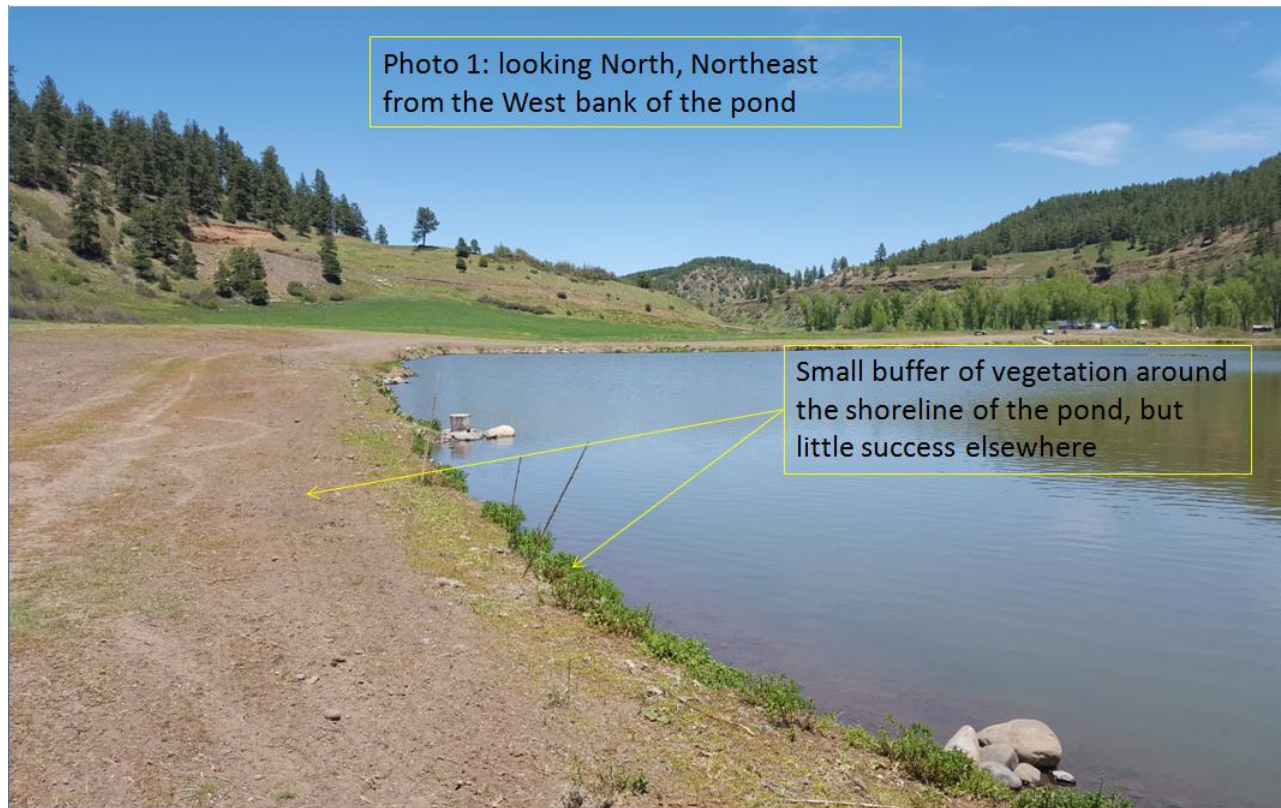
Evidence of noxious weed mitigation and revegetation efforts were observed during the inspection. The Operator expressed that lack of vegetative success is due to waterfowl species overgrazing the area. The upper areas of the banks were noticed to have little vegetation due to poor growth medium as seen in Photos 1, 2, 4, and 5. It is recommended that the operator have a soil chemistry analysis performed to identify the soils deficiencies and add the appropriate amendments, or some other measure of the Operator's choosing to amend the soils and promote vegetative success. Any changes determined to be necessary in order to achieve successful revegetation may require the operator to submit a technical revision to incorporate the changes into the approved reclamation plan.

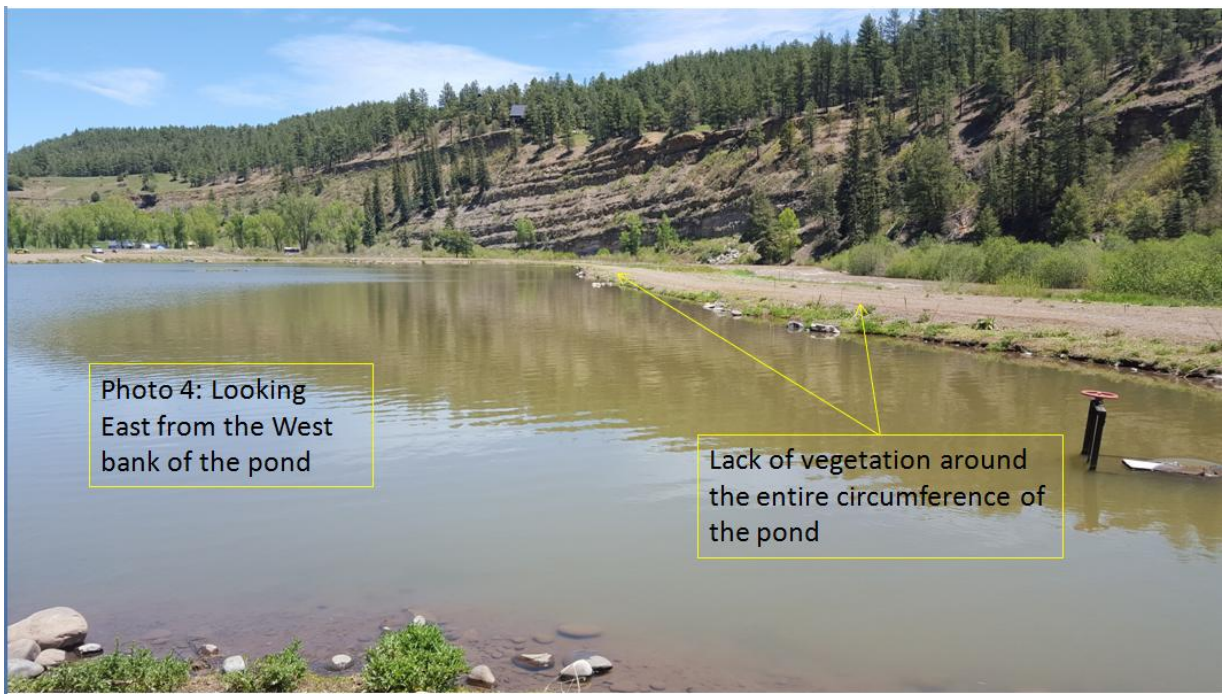
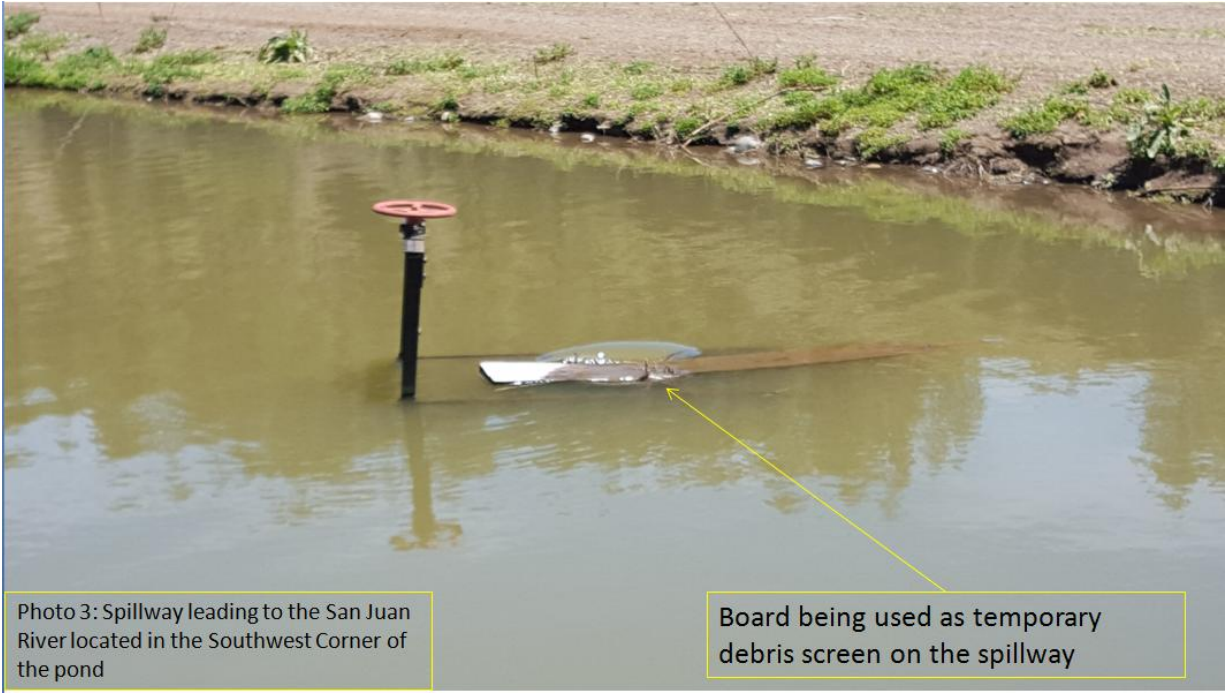
The pond is fed by groundwater and a freshwater inlet from the San Juan River located on the North east edge of the pond. The inlet was submerged so the approximate flow rate could not be observed. The outlet on the Southwest edge of the pond consists of a gated spillway leading to the San Juan River. It was also submerged as the river was running high; therefore an approximate flow rate could not be observed. As seen in Photo 3 a board is being used as a temporary debris screen. However, a full debris screen would be more effective and is recommended for the operator.

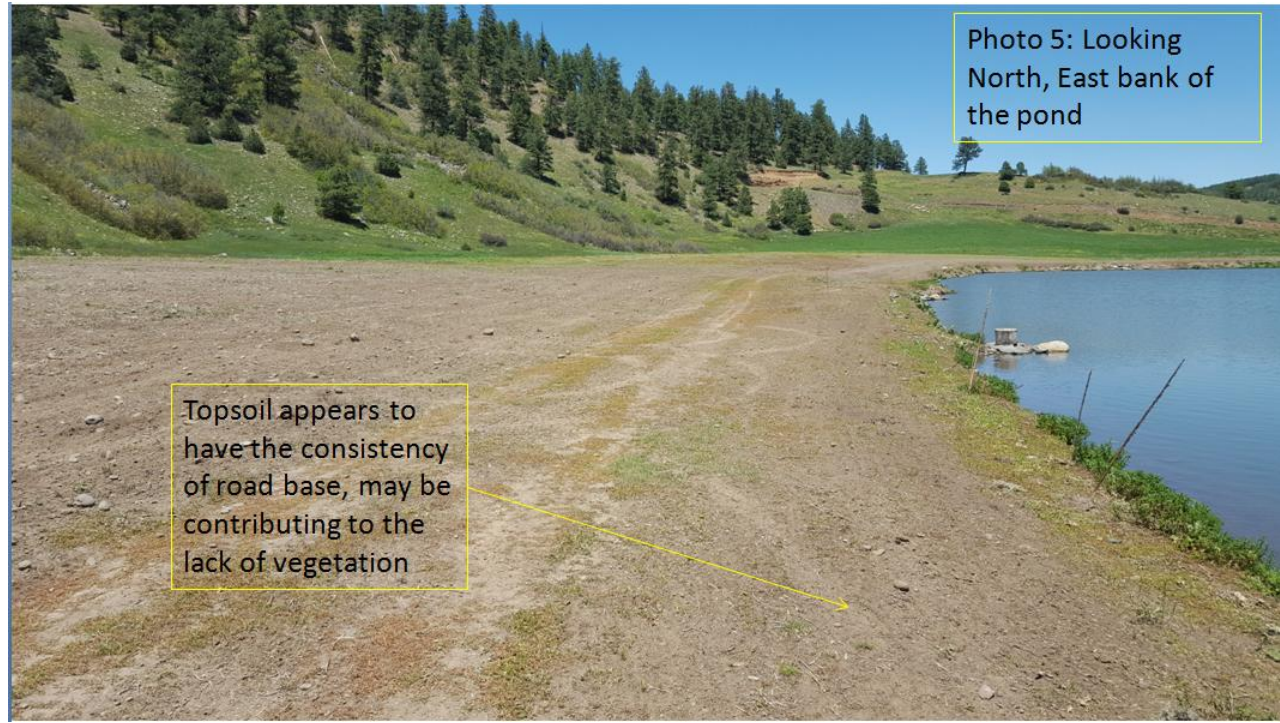
The overall condition of the site was good, with the exception of little vegetation. All grading and slopes were satisfactory, no stockpiled materials, no trash or debris and an evidence of active vegetation management was observed. The Operator is encouraged to explore options to improve the soil quality around the banks of the pond to increase vegetative success. The Operator is advised to apply for a surety reduction for the reclamation work that has been completed and is considered satisfactory. Such request must be made in accordance with Construction Materials act and rules, Rule 4.14.1. This section outlines the Operator requirements in requesting a surety reduction.

Responses to this inspection report should be directed to Lucas West at the Division of Reclamation, Mining and Safety, 1313 Sherman Street, Denver, CO 80203 or by phone at (970) 243-6368.

PHOTOGRAPHS







Inspection Contact Address

Roger August, Ranch Manager
Mask Ranch, LLC
P.O. Box 5356
Pagosa Springs, CO 81147

Enclosure

CC: