




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety 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: New Cache Agricultural Pond 1	MINE/PROSPECTING ID#: M-2015-003	MINERAL: Gravel	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: April 9, 2019	INSP. TIME: 11:30
OPERATOR: The New Cache La Poudre Irrigating Co.	OPERATOR REPRESENTATIVE: Dale Trowbridge	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$39,560.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: April 18, 2019	

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>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>N</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

The New Cache Agricultural Pond 1 was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. The site was previously inspected by the Division on April 8, 2015 for the pre-operational inspection. Mr. Dale Trowbridge with The New Cache La Poudre Irrigating Company was present during the inspection.

The site is located approximately 2 miles east of Greeley, CO. The site is permitted for 16.2 acres with 13.0 acres disturbed by the creation of a 9.13 acre agricultural pond. Mining activities and the construction of the lined pond are complete. The site is in final reclamation. The pond construction consisted of a nine (9) feet deep excavation with a perimeter embankment ten (10) feet in height with 3H:1V interior and 2H:1V exterior slopes. The pond was full of water at the time of the inspection and is being used for water storage by the Operator. Groundwater was not intercepted during the mining operation. The permit boundary was delineated with wildlife fencing. The Operator installed the fence to prevent access to the pond by individuals and wildlife. The oil and gas well located in the southwest corner of the property was abandoned and removed by the oil and gas company.

The pond construction and lining were complete in 2016. The top of the berm and exterior slopes were seeded by the Operator in 2016 and 2017. Reclamation grasses included in the approved seed mixture including blue grama, buffalo grass and western wheatgrass were observed during the inspection. Volunteered vegetation including a variety of mustard was also observed during the inspection. Annual weeds, kochia and others, were observed during the inspection. The Operator stated noxious weeds, including field bind weed and Canadian Thistle are present at the site and were being treated with mechanical and chemical methods. No noxious weeds were observed during the inspection.

The site vegetation is establishing well with patches of bare ground and poorly vegetated areas, primarily on the south facing slopes and at the transition from the flat berm top to the outside slope. The Division recommends the Operator inter-seed the bare or poorly vegetated areas and submit a final release request for the site when the vegetation in the bare areas becomes established.

The Division holds a financial warranty in the amount of \$39,560.00, which is adequate to perform the remaining reclamation work at the site. Photographs taken during the inspection are attached.

Inspection Contact Address

Dale Trowbridge
The New Cache La Poudre Irrigating Company
33040 Railroad Ave
Lucerne, CO 80646

Ec: Michael Cunningham, DRMS

PHOTOGRAPHS



View of the top of the south berm looking west



View of the top of the east berm looking north



View of the slope of the east berm looking north



View of the top of the north berm looking west



View of the slope of the west berm looking south



View of the slope of the south berm looking west