



COLORADO


Division of Reclamation,
Mining and Safety

Department of Natural Resources

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: Mamm Creek Sand & Gravel	MINE/PROSPECTING ID#: M-2000-113	MINERAL: Sand and gravel	COUNTY: Garfield
INSPECTION TYPE: Surety Release Inspection	INSPECTOR(S): Amy C. Yeldell	INSP. DATE: October 27, 2016	INSP. TIME: 09:30
OPERATOR: Oldcastle SW Group, Inc. dba United Compai County	OPERATOR REPRESENTATIVE: Jason Burkey	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Priority	BOND CALCULATION TYPE: None	BOND AMOUNT: \$149,153.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: November 15, 2016	

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>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</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>N</u>	(CI) COMPLETE INSP---- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</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>NA</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 in response to the acreage release request (AR-1) submitted on October 18, 2016. Mamm Creek Sand & Gravel is a 112c sand and gravel operation that consists of 295.10 acres. Jason Burkey represented the operator and accompanied Amy Yeldell of the Colorado Division of Reclamation, Mining and Safety (Division) on the inspection. The site is located in Garfield County approximately two and half miles east of Rifle, Colorado and is accessed from Garfield County Road 316 north of I-70.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. One main sign is posted at the entrance to the scale and processing area. The permit boundary is clearly delineated by wire fences on three sides and the Colorado River on the North side. It is noted that the Colorado River meanders through the northern portion of the permit boundary and is adjacent to several of the mining area banks.

Portions of this site are still active while other areas have completed final reclamation. Only the areas that were requested to be released were inspected. AR-1 is requesting the release of 57 acres. This would change the permitted acreage from 295.10 acres to 238.10 acres. Mining Area B makes up the majority of the requested area. It includes the pond and all surrounding banks as well as the gas pad on the southwest side of the pond. Two additional areas to the south of the pond area also requested. These areas are segmented by roads that need to remain for current and future mining access.

In the request it is noted that the operator has the support of the landowner for the acreage release. Mr. Snyder has taken over the sprinkler system in and around mining area B. This area is also used for agricultural purposes as cow prints were observed. The pasture to the east of the lake is undisturbed and within the permit boundary. The road has been excluded from release to ensure future access to that pasture if additional mining occurs.

The areas surrounding the lake have all been properly graded and sloped as per the approved reclamation plan. These conditions were noted in the March 15, 2016 inspection report. All affected lands have grasses and small forbs growing. There are some trees throughout the reclaimed area as well. Vegetation appears to be well established and adequate. There is a small amount of weeds scattered throughout mining area B but they are minimal and appear to be under control and not interfering with reclamation. The road will need to remain to access the gas pad which is under jurisdiction of COGCC. The pond slopes on the west and south side are in final reclamation. The slopes have been properly graded near the water level. The release goes up to the water and includes the gas pad. If the road and gas pad get removed the MSHA berms around the pond will need to be reclaimed as well.

The other non-contiguous portion to the southeast of the pond has similar vegetation characteristics. That reclamation occurred at the same time. The road to the undisturbed east pasture is what segments this area from the main pond area. This southeast segment consists of cattails in the riparian areas and a variety of grasses in the dryer areas.

To the southeast of the pond is another non-contiguous portion requesting release. This area is mostly riparian. It appears to be mostly flat but likely is depressed based on changes in vegetation. The center is made up of cat tails while areas closer to the road are perennial grasses. The vegetation density and diversity

in this area is adequate and meets the reclamation requirements.

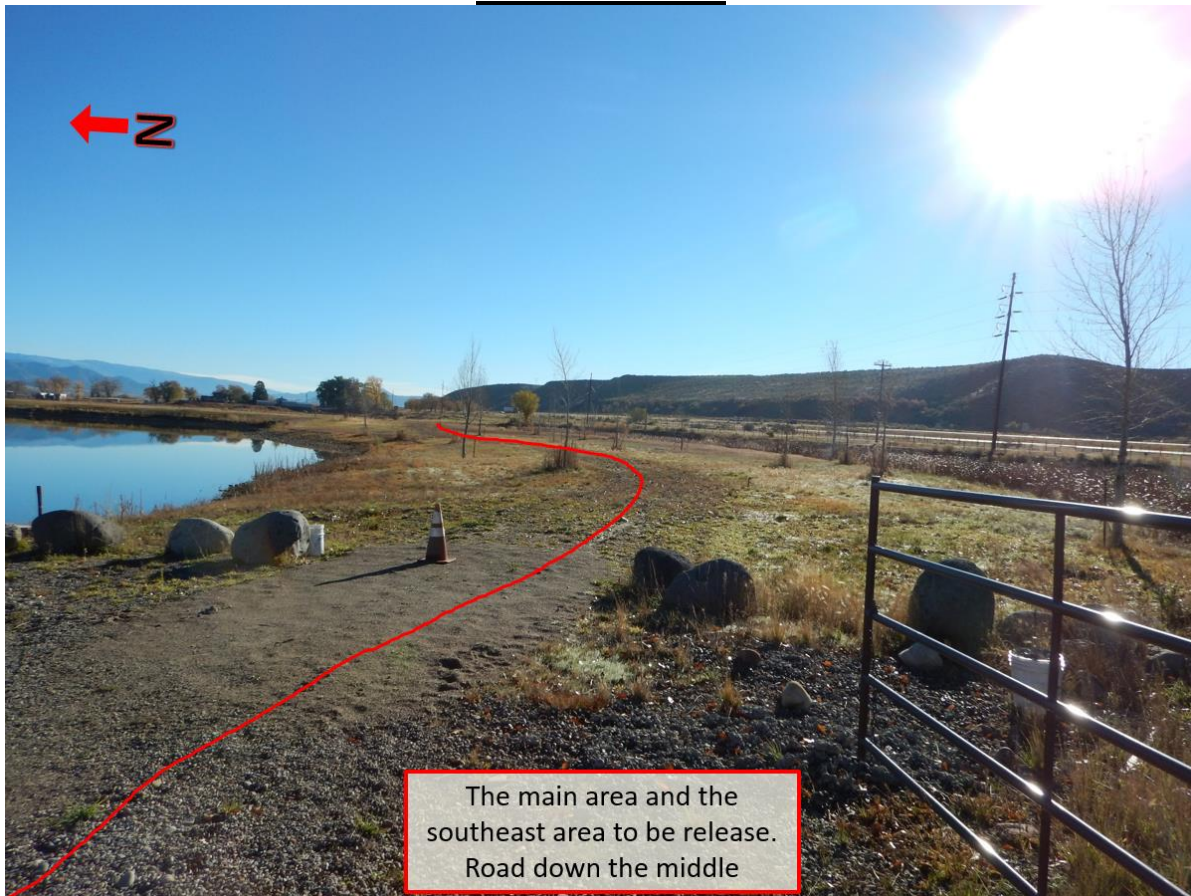
There are no stockpiles, equipment or other mining related features in the area requested for release. A boat dock and gazebo have been erected for recreation which is the post mining land use.

Based on conditions observed during the inspection the 57 acres requested to be released has been properly reclaimed and meets the standards of the approved reclamation plan. A decision letter will be sent separately. Upon approval a technical revision will need to be submitted to update the maps. Likewise the permit boundary will need to be updated to reflect the new boundary.

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@ state.co.us

PHOTOGRAPHS







Gazebo and inlet structure.



Overview of reclaimed bank





Inspection Contact Address

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Grand Junction, CO 81502

Enclosure

EC: Russ Means, Senior EPS, GJFO DRMS