




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: DeBeque Gravel Pit	MINE/PROSPECTING ID#: M-1981-058	MINERAL: Sand and gravel	COUNTY: Mesa
INSPECTION TYPE: Monitoring	INSPECTOR(S): Amy Yeldell	INSP. DATE: May 12, 2022	INSP. TIME: 14:30
OPERATOR: Thomas F & Ginger L Latham	OPERATOR REPRESENTATIVE: Thomas and Ginger Latham	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$58,202.18	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: DRMS	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 25, 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>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>NA</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>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	

Y = Inspected / 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 Colorado Division of Reclamation, Mining and Safety (Division) normal monitoring program. Debeque Sand and Gravel Resources is a 112c permitted site that includes a total of 41.7 permitted acres. This site located approximately four mile south of DeBeque, Colorado in Mesa County and is accessed from Highway 6. Thomas and Ginger Latham represented the operator and accompanied Amy Yeldell of the Division conducted the inspection.

The mine identification sign and affected area boundary markers remain in place. This site is in final reclamation. No equipment, fuel or other structures are stored on site at this time. The site is clean and free of trash and other miscellaneous debris.

Over the winter reclamation was conducted. The norther half of the pond was reclaimed several years back. Only the southern half of the pond and the stockpile were recently reclaimed. The existing stockpile of located on the south side of the pit was pushed back into the southern portion of the pond. All of the slopes around the pond were regraded to a 3H: 1V or less. The stockpile area was graded and ripped. Topsoil has been applied to all affected areas and seed was applied. All stockpiles have been properly utilized. A small two track road remains around the perimeter of the pond, as well as an access road through the fields to the pond.

Slopes around the pond appear to remain stable with no sluffing or excessive erosion. Grading of the field was conducted in such a way that it could be used for future agriculture and water would properly disperse. In general establishment of rangeland grasses on the newly reclaimed areas appears to been poor. Touch-up seeding will likely be necessary as portions of the southern pond bank are void of desirable vegetation. It was still early in the season but reclaimed areas appear to be about 50% Kochia. In time the perennial grasses may outcompete the weeds however diligent noxious weed management should be employed. The older, previously reclaimed areas around the pond are well established grasses. No touch-up seeding is needed in this area. Noxious weeds should also be managed, but native vegetation is likely robust enough to withstand an infestation.

The Division currently requires a financial warranty amount of \$58,202.18 for this site. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division will be updating the reclamation cost estimate. Given the progress made towards final reclamation the overall site liability has likely been decreased. If the Division holds more bond than necessary the Operator may request a Surety Reduction for the excess amount.

Looking forward towards final release, water rights for the existing pond needs to be finalized. Prior to any releases the Division will need documentation from the Division of Water Resources that all exposed groundwater is permitted. Please submit this documentation at your earlies convenience.

The final reclamation plan originally called for the majority of the permit to become a pond. The operator will need to update the reclamation plan map to reflect the current site conditions (As-built map). This update should be submitted in the form of a Technical Revision with the required \$216 revision fee to the Division's Denver office.

Given that only a portion of the permit has been affected to date. Any land that has yet to be affected by mining (approx. 13 acres) is eligible for release. This process is called an Acreage Reduction. An acreage reduction may be requested any time after the Reclamation Plan Map have been updated. Alternatively the operator may wait until the end and request release of the entire permit (Termination/surety release) once final reclamation is

completed on the reclaimed areas.

The landowner/permittee has expressed an interest in farming the flat portions of the reclaimed land (approx. 8 acres). Currently the post mining land use for the site is dry rangeland with a pond. This does not afford the option to utilize the flat field areas until after establishment of rangeland grasses and reclamation release. If the permittee would like to farm these areas prior to reclamation release than a portion of the post-mining land use will need to be changed to "agriculture" through the amendment process. The amendment process will require the operator to submit a new permit application updating and clarifying how reclamation has/will be completed on any remaining lands. Once the amendment is approved land which meets the revised reclamation plan conditions would be eligible for release.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, Room 215, 1001 E 62nd Ave, Denver, CO 80216. Direct contact can be made by phone at 303-866-3567 Ext 8183 or via email at amy.yeldell@state.co.us

Inspection Contact Address

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EC:
Travis Marshall, Senior EPS, Grand Junction DRMS
Rich Livingston, Attorney

PHOTOGRAPHS









Photo 6: Pond overview from previously reclaimed area



Photo 7: Undisturbed ag field within the permit area