



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: Deakins Pit	MINE/PROSPECTING ID#: M-2001-060	MINERAL: Sand and gravel	COUNTY: Moffat
INSPECTION TYPE: Monitoring	WEATHER: Windy	INSP. DATE: May 12, 2022	INSP. TIME: 10:00
OPERATOR: 3B Enterprises, LLC	OPERATOR REPRESENTATIVE: None	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$71,160.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Hunter Ridley	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 31, 2024	

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Revegetation

PROBLEM/POSSIBLE VIOLATION: Problem: Russian olive trees are present within or have volunteered into the permit area and are becoming established. This is a problem for failure to employ weed control methods for a state listed noxious weed species within the permitted area, and to reduce the spread of weeds to nearby areas as required by Section 3.1.10 (6) of the rule.

CORRECTIVE ACTIONS: Provide proof to the Division that noxious weeds have been treated onsite. If the problem persists, the Operator may be required to develop a weed control and management plan in accordance with Section 3.1.10 (6) of the Rule. This plan should be developed in consultation with the county extension agency, or weed control district office and should include specific control measures to be applied, a schedule for when control measures will be applied and a post-treatment monitoring plan.

CORRECTIVE ACTION DUE DATE: 10/14/24

OBSERVATIONS

This inspection was conducted by Hunter Ridley with the Colorado Division of Reclamation, Mining and Safety (Division) as part of the normal monitoring program. Steve Baker, representing the Operator 3B Enterprises, LLC, accompanied the Division. The Deakins Pit is a 112c permitted site that includes a total of 57.5 permitted acres with a 32.6 acre max disturbance. The approved post mining land use is industrial and wildlife. It is located off of East 1st Street in Craig Colorado.

Availability of Records: Annual reports are current, having been filed through August 2023, stating the last mining activity was in August 2023. The previous inspection was on May 12, 2022. There are no open infractions related to previous inspections.

Acid And Toxic Materials: No acid or toxic materials are involved in this operation.

Backfilling and Grading: Backfilling for final reclamation has occurred in limited areas throughout the site. While the post mining land uses for the permit includes industrial use, the predominant use in final reclamation for the site will be a set of recreational ponds. Therefore, much of the excavated areas of the site will be left to fill in with groundwater and minimal backfill will need to occur. Technical Revision 2 (TR-2) was approved in 2017 and allows for the importation of inert fill for backfill material. Partially reclaimed slopes were observed to be in compliance with the requirements of 2:1 to 3:1 grade (Photos 2 and 5).

General Mine Plan Compliance: The permit is divided into two pits, the East and West Pit. The two pits are divided by 1st Street. The site was operating at the time of the inspection in the West Pit (Photos 6 and 8) with crushers and screeners. The east pit had no active mining occurring, but multiple stockpiles are located within the pit area (Photo 3). The East Pit still holds material reserves to be mined.

Financial Warranty: The Division currently holds a financial warranty amount of \$71,160 for this site. The Division has found the current bond to be adequate for reclamation of the site.

Fish and Wildlife: Various waterfowl were observed onsite and in use of the site's pond features.

Hydrologic Balance: Both pit areas have exposed ground water. Surface runoff is maintained within the affected pit areas. According to a letter from the Division to the Operator dated January 4, 2016, the Division received a well permit application for the necessary water right to complete reclamation at the site (attached). The letter then directed the Operator to provide the Division with a copy of the approved permit one obtained from DWR. To date, the Division has not received a copy of this completed permit. At this inspection, the Division and the Operator discussed that the well permit is currently on administrative extension. However, the Division would still like to request a copy of the approved permit for our files. **Please provide this documentation to the Division.**

Processing Waste: No processing waste was observed.

Reclamation Success: Reclamation was inspected in both pit areas. Reclamation in the west pit is along southeastern portion of the pit adjacent to 1st Street. Reclamation in the East Pit is located to the north adjacent to 1st Street. Both areas show some vegetation establishment around the proposed pond areas, though the Operator stated that some of the vegetation is struggling to establish permanently. When complete, all ponds on site are approved to be irregularly shaped and sloped to a 2H:1V or 3H:1V grade. Trees will be planted around

the pond edges and 6-10 in of topsoil will be replaced and seeded. The 2023 Annual Report states that a total of 20 acres have been backfilled, 15 acres have been graded and topsoiled and 20 acres have been reseeded for final reclamation.

Revegetation: Areas not currently being mined or used for storage of stockpiles vary in vegetative establishment. Some areas are well covered with a mix of native species, but annual weeds are still present. Throughout the inspection, Russian olive (*Elaeagnus angustifolia*) was observed to be present within the permit boundary. Areas of growth were concentrated near the edges of ponds in the East Pit (Photos 3 and 4) but were noted throughout the site. **Therefore, the Division is citing a problem for failure to employ weed control methods for state listed noxious weed species within the permitted area, and to reduce the spread of weeds to nearby areas as required by Section 3.1.10 (6) of the rule. The Operator will be required to provide proof to the Division that these noxious weeds have been treated onsite by the above listed corrective action due date.**

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: All fuel is stored offsite in the adjacent industrial area owned by the Operator.

Signs and Markers: The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The sign is located at the entrance of the permit boundary on the east side and includes all information necessary for compliance (Photo 1).

Topsoil: Topsoil piles were observed in both pits adjacent to 1st Street and along the western edge of West Pit (Photos 6 and 7). Piles were vegetated and no issues observed.

Permit Stipulations: The permit contains one active stipulation which states the following: "Operator will not perform any mining within 200 feet of the railroad prior to obtaining a notarize compensation agreement with the railroad or submitting an engineering evaluation demonstrating that the structure will not be affected, reference 6.3.12." The Operator was found to be in compliance with this stipulation (Photo 4).

Photographs taken during the inspection have been included below. Responses to this inspection report should be directed to: Hunter Ridley at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 720-868-7757 or via email at hunter.ridley@state.co.us

PHOTOGRAPHS



Photo 1: Mine sign located at the eastern permit boundary entrance.



Photo 2: View south of a partially reclaimed pond ion the East Pit.



Photo 3: View northwest from the southeast corner of East Pit, stockpiles and a partially reclaimed pond are visible.



Photo 4: View west within the east pit, the railroad line is the to south.



Photo 5: View south of partial reclamation in the West Pit.



Photo 6: View east into the West Pit, vegetated topsoil is to the west.



Photo 7: Vegetated topsoil is located along western edge of West pit.



Photo 8: View north of stockpiled materials, active crushing and sorting was occurring at the time of inspection.

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>N</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>Y</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>PB</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>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</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

Inspection Contact Address

Steve Baker
3B Enterprises, LLC
P.O. Box 1665
Craig, CO 81626

January 4, 2016

Steve Baker
3B Enterprises, LLC
P.O. Box 1665
Craig, CO 81626



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Division of Reclamation,
Mining and Safety

Department of Natural Resources

1313 Sherman Street, Room 215
Denver, CO 80203

RE: Deakins Pit, Permit No. M-2001-060, Inspection Problem Abated

Dear Mr. Baker:

On September 9, 2015 the Division of Reclamation, Mining and Safety (Division) conducted an inspection of the above referenced site. Several issues were noted as problems with corrective actions and dates.

Problem 1 (one) availability of records, was cited for the discrepancy in water rights. On December 29, 2015 the Division received a well permit application for the necessary water right to complete the approved reclamation plan. This satisfies the corrective actions for Problem 1 (one) and it is considered abated. Please send the Division the approved permit once obtained from DWR.

Problem 2 (two) revegetation, was cited for several state-listed noxious weeds being observed. On December 29, 2015 the Division received an updated and improved weed management plan with a commitment that a third party would implement the plan. This satisfies the corrective actions for Problem 2 (two) and it is considered abated.

If you require additional information, or have questions or concerns, please feel free to contact me. 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

Sincerely,

Amy Yeldell

Environmental Protection Specialist
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Ec:

Russ Means, Senior EPS / Field Office Supervisor, Grand Junction DRMS

