


**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: Tucker Aggregate Pit	MINE/PROSPECTING ID#: M-1980-002	MINERAL: Sand and gravel	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: June 8, 2016	INSP. TIME: 09:30
OPERATOR: Connell Resources, Inc.	OPERATOR REPRESENTATIVE: Kevin Anderson	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$131,400.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: July 7, 2016

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: There are state-listed noxious weeds present on site. This is 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.

CORRECTIVE ACTIONS: Implement the approved weed control plan and provide proof to the Division that this has been done. If a weed control plan is not already in place, the Operator shall 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. This weed control plan shall be submitted to the Division as a Technical Revision to the approved plan with the appropriate Technical Revision fee of \$216.00 by the corrective action date.

CORRECTIVE ACTION DUE DATE: 7/22/16

INSPECTION TOPIC: Availability Of Records

PROBLEM/POSSIBLE VIOLATION: Problem: An overhead power line is located along the southern permit boundary. As noted in the last inspection report, a structure agreement for the power line is not on file with the Division.

CORRECTIVE ACTIONS: The Operator will need to provide a structure agreement, per Rule 6.4.19, for the power line.

CORRECTIVE ACTION DUE DATE: 8/08/16

OBSERVATIONS

The Tucker Aggregate Pit was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. Mr. Kevin Anderson with Connell Resources, Inc. was present during the inspection. The site was previously inspected by the Division on May 6, 2011.

As cited as a problem, Class A and B List Noxious Weeds, including purple loosestrife, hoary crest and musk thistle were observed in the north and south areas of the site. The Operator must control the spread of noxious weeds as required by the approved weed control plan and submit proof of the weed control measures by the corrective action due date listed on the first page.

The site is permitted for 215.08 acres. The site was inactive during the inspection. Stockpiles of material were observed in the middle and southern portions of the site. The size and number of stockpiles has been reduced since the previous inspection. No processing plants were observed at the site. Aggregate processing activities have been relocated to the adjacent Connell Carr site and the asphalt processing plant and asphalt stockpiles observed in the northern portion of the site have been removed from the site. A water well and storage tanks were located in the middle of the site along the east side of the site. A small area of pit run material remains in the southwest corner of the site. The required mine identification and boundary markers were observed as required by Rule 3.1.12.

The 2016 annual report submitted by the Operator accurately depicts the current condition of the site. Reclamation has occurred in the north end, east of the scale house and south end of the site. The northern areas vegetation consisted of native grasses, volunteered vegetation and noxious weeds. Drill rows of native grasses were observed. Weed spraying occurred in July 2015. A copy of the invoice was submitted with the 2016 annual report.

The approved post mining land use is rangeland. The south portion of the site will be seeded this fall according to the Operator. Two large and well-vegetated stockpiles of topsoil were located in the northwest corner of the site and will be used to reclaim the northern portion of the site. Additional topsoil and overburden stockpiles were observed in the middle of the site.

The Division holds a current financial warranty in the amount of \$131,400.00, which appears adequate to reclaim the site based on this inspection.

An overhead power line is located along the southern permit boundary. As noted in the last inspection report, a structure agreement for the power line is not on file with the Division. As cited as a problem, the Operator will need to provide a structure agreement, per Rule 6.4.19 by the corrective action date.

Photographs taken during the inspection are attached.

PHOTOGRAPHS



Tucker Aggregate Pit mine sign



Looking east from NW corner of site



Looking SE from NW corner of site



Looking south from NW corner of site



Looking SE at northern pit floor



Looking south from middle of site at remaining stockpiles



Pit run stockpiles in SW corner of the site



Looking north at stockpile area in southern portion of the site



Looking west from SE corner of site



Looking NW from SE corner of site

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS----- PB	(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>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- PB
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>N</u>	(RS) RECL PLAN/COMP-- <u>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>N</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <u>N</u>

Y = Inspected and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

Inspection Contact Address

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