




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.

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| MINE NAME: George Ansley Pit | MINE/PROSPECTING ID#: M-1978-078-SG | MINERAL: Sand and gravel | COUNTY: Lincoln |
| INSPECTION TYPE: Monitoring | INSPECTOR(S): Patrick Lennberg | INSP. DATE: October 11, 2019 | INSP. TIME: 11:50 |
| OPERATOR: Lincoln County | OPERATOR REPRESENTATIVE: Fred Lundy | TYPE OF OPERATION: 112c - Construction Regular Operation | |

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| REASON FOR INSPECTION: Normal I&E Program | BOND CALCULATION TYPE: None | BOND AMOUNT: \$0.00 |
| DATE OF COMPLAINT: NA | POST INSP. CONTACTS: None | JOINT INSP. AGENCY: None |
| WEATHER: Clear | INSPECTOR'S SIGNATURE:  | SIGNATURE DATE: October 16, 2019 |

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: Sign

PROBLEM/POSSIBLE VIOLATION: The mine identification sign was not posted at the entrance of the mine site. This is a problem for failure to post a mine identification sign as required by Section 3.1.12(1) of the rule.

CORRECTIVE ACTIONS: The operator shall, at the entrance of the mine site, post a sign which shall be clearly visible from the access road with the following: the name of the operator, a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board; and the permit number. The operator shall submit photo documentation that a proper sign has been posted by the corrective action date.

CORRECTIVE ACTION DUE DATE: 11/15/19

OBSERVATIONS

The George Ansley Pit was inspected by Patrick Lennberg with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed as part of the Division's routine monitoring inspection program. The site was previously inspected by the Division on August 27, 2015 during a routine inspection. Fred Lundy with Lincoln County accompanied me during the inspection. The weather was warm, and the sky was clear.

The George Ansley Pit is located approximately 23 miles southeast of Karval, Colorado. Access to the site is off of Co Rd 46. The pit is a 112c operation permitted for 17.1 acres for the removal of sand and gravel for county road maintenance and repair. The site is surrounded by rangeland and the post-mining land use is rangeland. A mine sign was not observed as required by Rule 3.1.12 and is being cited as a problem within this report. The operator shall submit photo documentation that a proper sign has been posted by the corrective action date.

The site was not active at the time of inspection and it did not appear that the site has seen any recent mining activity, the mine is listed as an intermittent operation. The current level of disturbance is estimated to be 11.5 acres. The permit boundary was marked with tee-posts and the northern and eastern boundaries are also delineated with a barbed wire fence. The maximum mining depth is approximately 15-20 feet. Mining began in the northern portion of the permit area and is progressing to the south. The pit area is bowl shaped with mined slopes at 4H:1V to 3H:1V gradients. Mining is completed by first stripping topsoil then pushing down material into stockpiles then loading that material into trucks as needed. There are a couple of stockpiles of material along the pit floor. Topsoil stockpiles are located along the southeastern and southwestern edges of the pit. Topsoil stockpiles appear to be stable with a vegetative cover. The northern and eastern pit boundaries are very close to the permit boundaries. The Operator should monitor erosion rills along the eastern edge. Excessive rilling could migrate offsite. While both slopes have been seeded vegetation establishment has not been sufficient enough for erosion control especially along the eastern boundary. Eroded material is contained within the pit floor.

Overall, the site appeared to be stable with native grasses, some forbs, and annual weeds volunteering across disturbed areas. A cottonwood tree is growing on the pit floor, which the operator intends to avoid disturbing.

The Division currently holds no financial warranty because it is a county operation.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg (303)866-3567 ext. 8114 or email at patrick.lennberg@state.co.us if you have any questions regarding this report.

Inspection Contact Address

Fred Lundy
Lincoln County
P.O. Box 39
Hugo, CO 80821

cc: Jared Ebert, DRMS

PHOTOGRAPHS



Photo 1: Looking southeast across the pit area from the haul road entrance



Photo 2: Typical permit boundary marker, southwestern corner marker pictured



Photo 3: Topsoil stockpile located along the southwestern edge of pit

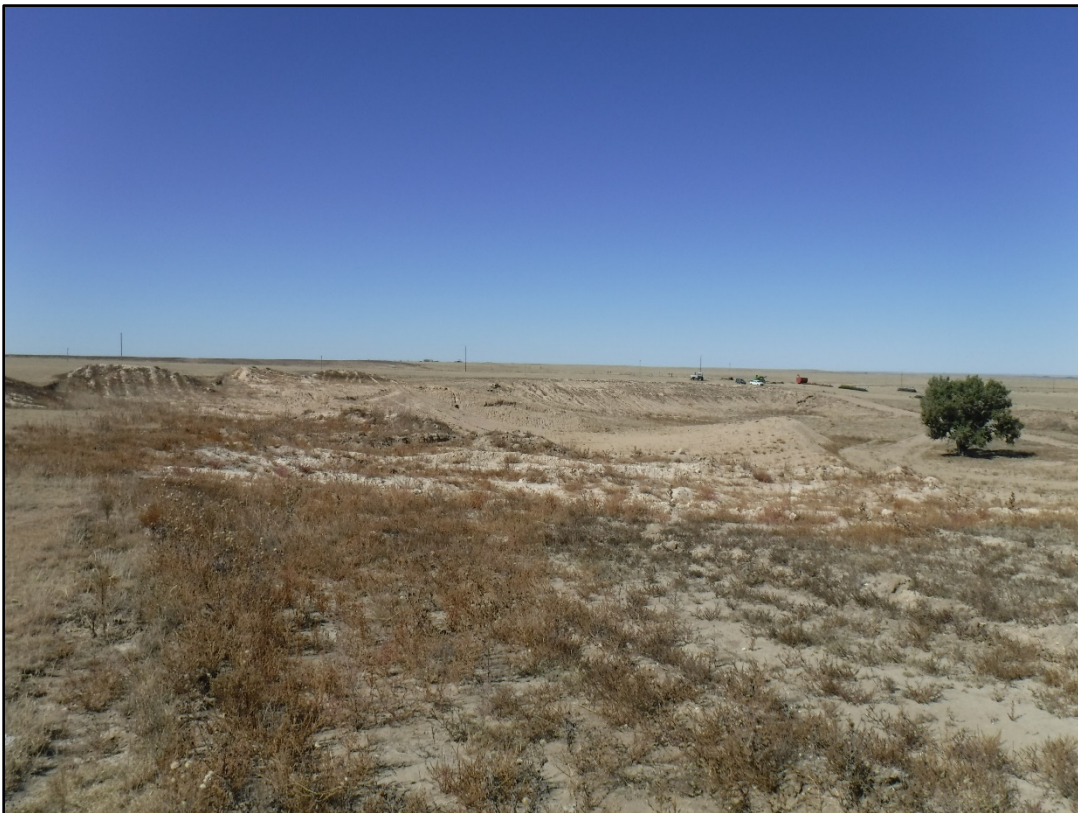


Photo 4: Looking northwest across the pit area back towards the haul road entrance



Photo 5: Looking north along the eastern boundary of the pit, topsoil stockpile center right of picture

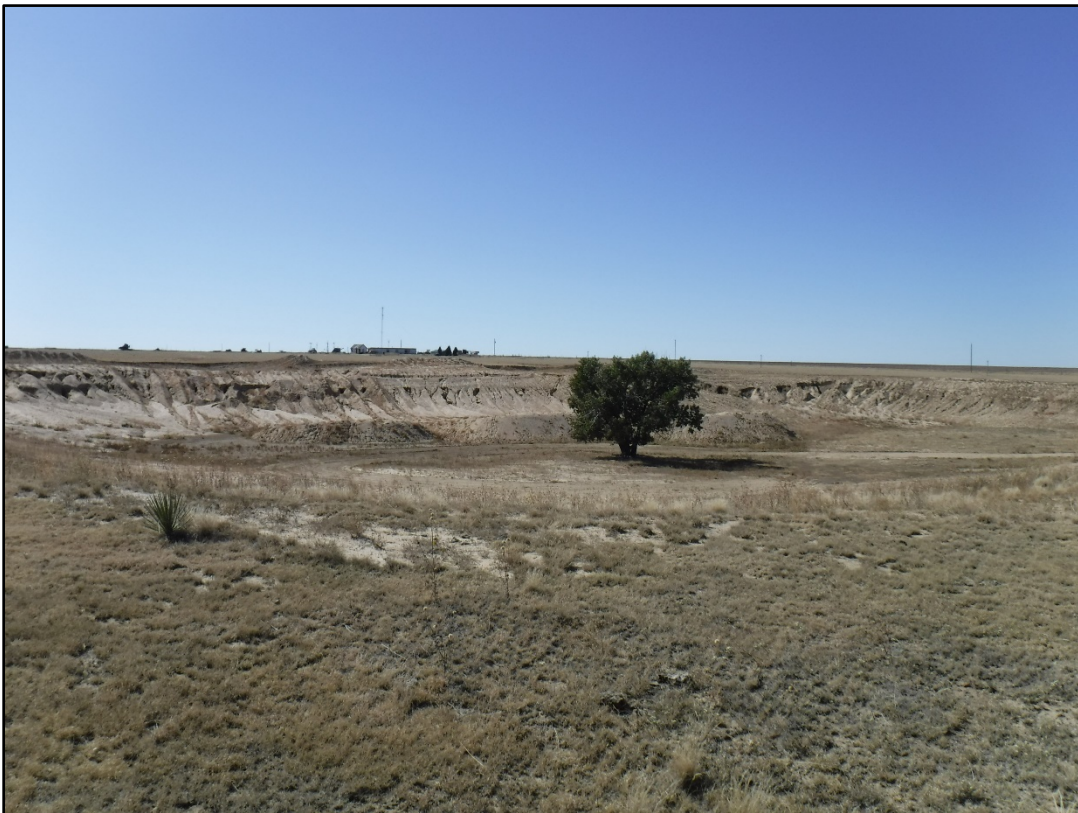


Photo 6: Looking west across the southern half of pit area



Photo 7: Looking south along the eastern permit boundary, barbed wire fence (center left) marks permit boundary



Photo 8: Product stockpile, looking north



Photo 9: Recent grading of haul road through pit in preparation for activity



Photo 10: Reclamation success of the northern permit boundary

GENERAL INSPECTION TOPICS

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

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| (AR) RECORDS----- <u>N</u> | (FN) FINANCIAL WARRANTY----- <u>N</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>N</u> | (TS) TOPSOIL----- <u>Y</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>PB</u> | (SP) STORM WATER MGT PLAN---- <u>N</u> | (RS) RECL PLAN/COMP-- <u>N</u> |
| (ES) OVERBURDEN/DEV. WASTE----- <u>N</u> | (SC) EROSION/SEDIMENTATION--- <u>Y</u> | (ST) STIPULATIONS----- <u>N</u> |
| (AT) ACID OR TOXIC MATERIALS----- <u>N</u> | (OD) OFF-SITE DAMAGE----- <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