




MINERALS PROGRAM INSPECTION REPORT
PHONE: (303) 866-3567

The Division of Reclamation, Mining and Safety 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: Stephens Pit | MINE/PROSPECTING ID#: M-1978-146 | MINERAL: Sand and gravel | COUNTY: Logan |
| INSPECTION TYPE: Monitoring | INSPECTOR(S): Peter S. Hays | INSP. DATE: June 5, 2019 | INSP. TIME: 11:30 |
| OPERATOR: Logan County | OPERATOR REPRESENTATIVE: Jeff Reeves | TYPE OF OPERATION: 112c - Construction Regular Operation | |

| | | |
|---|--|---|
| 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: June 25, 2019 |

GENERAL INSPECTION TOPICS

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

| | | |
|--|--|---------------------------------|
| (AR) RECORDS----- <u>Y</u> | (FN) FINANCIAL WARRANTY----- <u>N</u> | (RD) ROADS----- <u>Y</u> |
| (HB) HYDROLOGIC BALANCE----- <u>N</u> | (BG) BACKFILL & GRADING----- <u>N</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>Y</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>N</u> | (ST) STIPULATIONS----- <u>N</u> |
| (AT) ACID OR TOXIC MATERIALS----- <u>N</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

OBSERVATIONS

The Stephens 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. The site was previously inspected by the Division on March 9, 2016. Mr. Jeff Reeves with Logan County was present during the inspection. An inspection map based on the observations from this inspection is attached for reference. The two (2) problems cited during the previous inspection were vacated by the Division based on the observations from this inspection.

The site is an 112c operation permitted for 19.7 acres. The site was inactive during the inspection. The Operator reported Logan County has lost access to the State Leased Land used for the access road. The landowner for the pit has granted Logan County temporary access to the site through the agricultural fields east and south of the pit. The temporary access will allow the Operator to mobilize equipment to complete reclamation, but it would not support truck traffic without improvements. Improving the road would require the Operator to submit an amendment application to the Division to add the acreage for the new access road. The Operator stated the County intends reclaim and release the site instead of amending the permit. The mine sign was posted at the start of the temporary access road and permit boundary markers were observed as required by Rule 3.1.12.

The approved post-mining land use for the site is rangeland. The site contains highwalls ranging in height from 5 to 30 feet with grades ranging from vertical to 3H:1V. Several of the highwalls are approaching the permit boundary. The Operator stated a portion of the undisturbed conversion area would be utilized as a source of backfill material to reclaim the existing highwalls to the approved 3H:1V slope. Two (2) well-vegetated and stable topsoil stockpiles were located on the pit floor.

If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at 303.866.3567 x 8124, or by email at peter.hays@state.co.us.

Inspection Contact Address

Jeff Reeves
Logan County
12603 CR 33
Sterling, CO 80751

Enclosure – Inspection Map

Ec: Michael Cunningham, DRMS

PHOTOGRAPHS



Stephens Pit mine sign



View of the site from the southwest corner looking north



View of the site from the southwest corner looking northeast



View of the site from the southwest corner looking east



View of the site from the southeast corner looking north



View of the site from the southeast corner looking northwest






View of the site from the southeast corner looking west

Logan County - Stephens Pit

M-1978-146

June 5, 2019 Inspection Map

Legend

-  Former Access Road
-  Highwalls
-  Logan Co - Stephens Pit
-  New / Temporary Access Road
-  Stephens Pit 110c Area - 9.9 Acres
-  Stephens Pit Conversion Area - 9.8 Acres
-  Topsoil Stockpiles

Logan Co - Stephens Pit

Google Earth

© 2018 Google



1000 ft