


**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: 6S Pit No.1	MINE/PROSPECTING ID#: M-1986-101	MINERAL: Sand and gravel	COUNTY: Pueblo
INSPECTION TYPE: Surety-Related Inspection	INSPECTOR(S): Patrick Lennberg	INSP. DATE: May 23, 2019	INSP. TIME: 11:00
OPERATOR: 6S Land & Cattle co.	OPERATOR REPRESENTATIVE: Richard Clennin	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Surety Related	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$30,347.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Foggy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 28, 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: Markers

PROBLEM/POSSIBLE VIOLATION: The affected area boundary markers are incorrectly placed. This is a problem for failure to maintain boundary markers around the affected area as required by Section 3.1.12(2) of the rule.

CORRECTIVE ACTIONS: The operator shall conduct a survey and replace the boundary markers in the correct location(s). The operator shall provide photographic documentation to the Division that this has been done by the corrective action date.

CORRECTIVE ACTION DUE DATE: 6/28/19

OBSERVATIONS

The 6S Pit No. 1 was inspected by Patrick Lennberg with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was performed as a Surety Related inspection in response to a Succession of Operators. The site is located approximately 6.5 miles northwest of Rye, CO and accessed from Co Rd 165 to the east. The site was previously inspected by the Division on May 13, 2016. Richard Clennin who will be operating the pit accompanied me during the inspection. The weather was foggy with rain.

The current permittee for the 6S Pit No. 1 is 6S Land and Cattle Company who acquired the permit from the Walter T. Pope who had named the pit Pope Pit No. 2.

The 6S Pit is a 110c operation permitted for 9.2 acres to mine sand and gravel. The site is surrounded by a mix of rural residential and rangeland with the post-mining land use of rangeland. Although a mine sign was observed, as required by Rule 3.1.12, it had the wrong pit name. It was brought to the Operators attention and was updated before the end of the day of the inspection.

Mining is progressing from west to east. The mined area is surrounded by a berm that is anywhere from 3 feet to 25 feet in height. The slopes of the berm average 3H:1V with one section in the northwest corner has a highwall (1.5H:1V) that is 250 feet long and 15 to 20 feet in height. There was no evidence of excessive erosion. There were several areas of ponded water. However, recent snow fall and rain over the past couple of weeks have led to very wet month. The operator was informed that they are not allowed to impound stormwater longer than 72 hours. Mr. Clennin mentioned that the pit dries up quickly and they rip areas where there is water to promote quick drainage. Topsoil has been salvaged and stockpiled along the northern and southern boundaries of the pit and the stockpiles are stable. The amount of topsoil that has been salvaged appears to be adequate for reclamation.

Common mullein was observed in a few areas of the pit, as was noted in the previous inspection. The Operator committed to begin treating and spraying to get rid of the mullein from within the mine area.

During additional permit review after the inspection it was determined that the permit boundary markers in the field are not accurately located and this is being cited as a problem in this report. The map of the permit boundary in the original permit application and recently used in the Annual report shows the permit boundary to be rectangular in shape. The original permit application specifically states that the permit area is comprised of 4 acres in the SE ¼ SE ¼ of Section 7 and 5.2 acres in the SW ¼ SW ¼ of Section 8, T24S R68W. Attached to this report is a figure that the Division feels accurately depicts where the permit boundary markers should be located. The Operator

The Division evaluated the financial warranty as part of the Succession of Operators and determined the current bond amount held by the Division of \$30,347.00 is adequate at this time.

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

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6S Land & Cattle co.
17750 Lodgepole Road
Peyton, CO 80831

CC: Michael Cunningham, DRMS
EC Austin Clennin, Operator, arc84rye@gmail.com

PHOTOGRAPHS



Photo 1: Mine sign at entrance, left picture taken at time of inspection right picture taken a few hours later.



Photo 2: Typical side slopes of southern pit area, note stockpiled material and loader



Photo 3: Pit floor area, standing water due to recent rain/snow storms and active rain shower



Photo 4: Mullein volunteering into mined area



Photo 5: Mine floor area to the east



Photo 6: Incorrectly placed permit boundary marker



Photo 7: Eastern most area of pit, floor will be ripped to promote drainage or pumped into active pit to infiltrate



Photo 8: Topsoil stockpile along northern boundary of pit

GENERAL INSPECTION TOPICS

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

(AR) RECORDS----- <u>N</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>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

6S Pit No. 1

Legend

- 4 Acres in Section 7
- 5.2 Acres in Section 8
- Current Boundary Markers
- Current Pit Area

