


**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.

<b>MINE NAME:</b> Perkins Sandstone	<b>MINE/PROSPECTING ID#:</b> M-2006-016	<b>MINERAL:</b> Sandstone (silica, stone quartzite)	<b>COUNTY:</b> Dolores
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Lucas J. West	<b>INSP. DATE:</b> August 23, 2017	<b>INSP. TIME:</b> 12:09
<b>OPERATOR:</b> McStone Aggregates, LLC	<b>OPERATOR REPRESENTATIVE:</b> None	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$15,696.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> August 31, 2017

**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 including large populations of Musk thistle, a B List species. 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 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 or photo documentation of implementation of the current weed control plan should be received no later than Tuesday October 31, 2017.

**CORRECTIVE ACTION DUE DATE:** 10/31/17

**INSPECTION TOPIC:** Signs & Markers

**PROBLEM/POSSIBLE VIOLATION:** Problem: 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 no later than Tuesday October 31, 2017.

**CORRECTIVE ACTION DUE DATE:** 10/31/17

### **OBSERVATIONS**

This inspection was conducted as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety. Perkins Sandstone is listed as an active 112C located just off Forest Service Road 514 in Dolores County. The site is operated by McStone Aggregates, Inc. and lies at nearly 7560 Feet in elevation. Public access to the site is controlled by a locked gate where the access road meets FS Road 514. The Division currently holds \$15,696.00 in Financial Warranty for the site. A Reclamation Cost Estimate Update was performed and staff calculations found the currently held financial warranty sufficient to achieve reclamation in accordance with the approved reclamation plan. No Operator representative was present during the inspection. XXX Photos accompany this report to illustrate the current site conditions.

There was no equipment on site and the site was not active during the day of the inspection. 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 Rules for the Extraction of Construction Materials. The operator needs to, 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 no later than **Tuesday October 31, 2017**. Along the access road leading to the site, around the main excavation area and in the stockpile area, several populations of State Listed Noxious Weeds were identified including Musk thistle. Examples of the weeds can be seen in Photo One and Two. 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. The Operator needs to Implement 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 must 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 fee of \$216.00. Demonstration of compliance should be received no later than **Tuesday October 31, 2017**.

The mining activities appear to be concentrated to a small are of the pit with an active highwall that is approximately 40 feet tall and 80 feet long. The highwall and active excavation area can be seen in Photos Three and Four. The area appears to be stable and in good condition with no evidence of settling, sliding or erosion observed. The adjacent area is the previously mined pit, which is used to store overburden and waste

material that will eventually be used as backfill materials. Near the main excavation area is a stockpile area with a large stockpile. The stockpile can be seen in Photo Five, and appears to be stable and in good condition. Discussions with the Operator indicate that the stockpile was crushed some time ago, and periodic removal of material is ongoing.

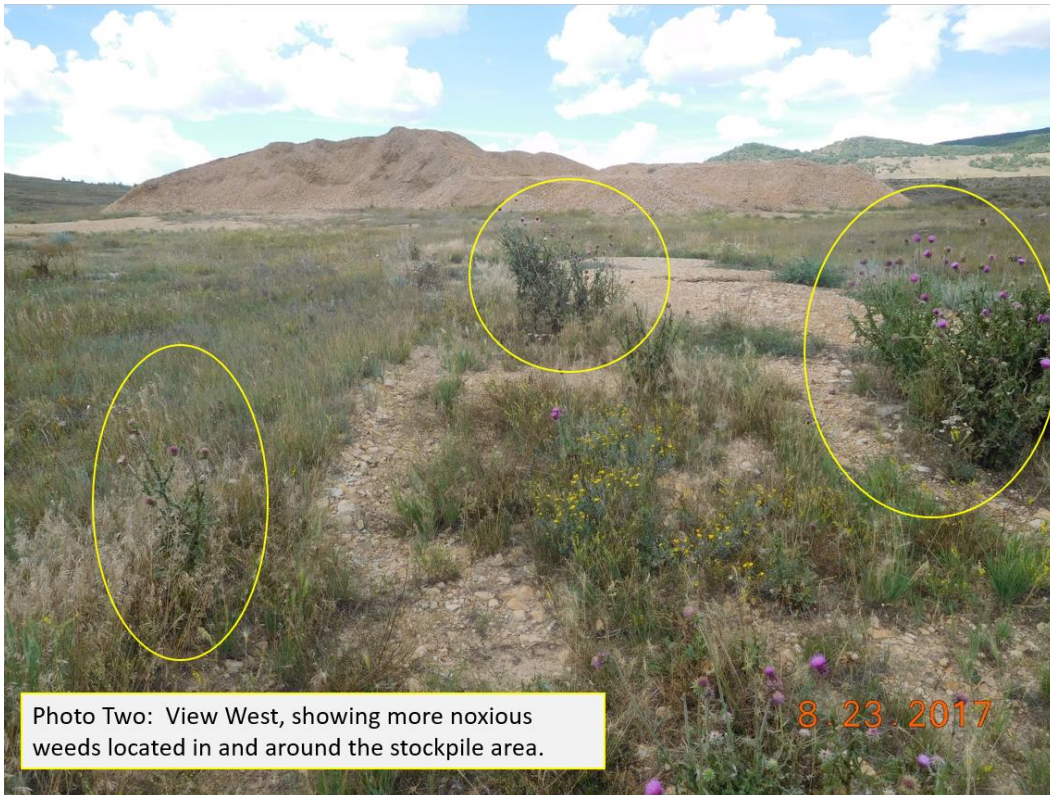
The overall footprint of the site is in good condition and is free from trash and debris. No evidence of settling, sliding or significant erosion was noted during the inspection. The Operator is reminded that the compliance date for the above listed corrective actions is Tuesday October 31, 2017. If there any questions regarding the corrective actions please feel free to contact me. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at 1313 Sherman Street, Room 215, Denver CO, 80203, by phone at (970)-243-6368 or by email at [lucas.west@state.co.us](mailto:lucas.west@state.co.us).

### **PHOTOGRAPHS**



Photo One: View South, showing several large Musk thistle plants along the access road to the site.









### 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>Y</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>N</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>PB</u>
(SM) SIGNS AND MARKERS----- <u>PB</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>N</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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McStone Aggregates, LLC  
PO Box 88  
Cortez, CO 81321

Enclosure

CC: