




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: Harmony Windsor Site	MINE/PROSPECTING ID#: M-2017-056	MINERAL: Sand and gravel	COUNTY: Weld
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Peter S. Hays	INSP. DATE: January 17, 2018	INSP. TIME: 09:00
OPERATOR: Serfer Land Ventures, LLC.	OPERATOR REPRESENTATIVE: Kevin Anderson, Bill Schenderlein	TYPE OF OPERATION: 110c - Construction Limited Impact	
REASON FOR INSPECTION: Pre-Operation Inspection	BOND CALCULATION TYPE: IT.Bondcalculationtype.CD.Desc	BOND AMOUNT: No Bond Held	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: January 18, 2018	

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>N</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>N</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>N</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>N</u>
(SM) SIGNS AND MARKERS----- <u>N</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 and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This was a pre-operational inspection of the Harmony Windsor Site conducted by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS). Mr. Kevin Anderson with Serfer Land Ventures, LLC. and Mr. Bill Schenderlein with Blue Earth Solutions, LLC were present during the inspection.

The 110 limited impact construction materials permit application was received by the Division on November 29, 2017. The application was deemed complete on January 8, 2018. The Applicant published public notice as required by Rule 1.6.2(d) on January 12, 2018. The public comment period for the newspaper publication ends on January 23, 2018. No objections to the application have been received by the Division as of the date of this report. The decision due date for the application is February 6, 2018.

The application proposes a 9.9 acre site divided into 3 mining phases with 6.4 acres of mining disturbance and 3.4 acres of disturbance for roads. The Applicant anticipates the mining and reclamation of the site to occur in four (4) months starting in late February. The sand and gravel deposit is estimated at 10 feet below the existing grade. The topsoil depth is estimated at less than 4 inches. Topsoil and overburden will be stripped and stockpiled separately prior to mining activities. Mining Phases 1 and 2 are separated by the Sinclair pipeline which bisects the site. The site is planned to be mined with a minimum 20 foot offset from the permit boundary at 0.5H:1V slopes. Reclamation will be concurrent and 3H:1V slopes will be created by backfilling the mine highwalls with overburden. Topsoil is planned to be replaced at a depth of two (2) inches on the pit floor and four (4) inches on the pit slopes.

The site vegetation consisted of intermediate wheatgrass and other wheatgrass varieties. The southern portion of Mine Phase 2 and the northern portion of Mine Phase 3 consisted of non-vegetated fill material placed by the landowner of level the areas.

An entrance sign was not posted as required by Rule 3.1.12. The permit boundary were observed as required by Rule 3.1.12 and mining limit markers were installed. The Applicant was aware of the requirement to post a sign prior to starting the mining operation. All permanent man-made structures within 200 feet of the proposed affected area appear to have been identified by the Applicant. The required notice sign was posted at the site entrance from WCR 74.

Photographs taken during the inspection are attached. The Division will send an application adequacy letter after the end of the public comment period.

Inspection Contact Address

Kevin Anderson
Serfer Land Ventures, LLC.
7785 Highland Meadows Parkway
Fort Collins, CO 80528

Ec: Wally Erickson, DRMS

PHOTOGRAPHS



Notice sign at entrance off of WCR 74



View of Mine Phase 1 from east side looking west



View of Mine Phase 2 from east side looking west



View of Mine Phase 3 from north side looking south