


**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: Camenish Borrow	MINE/PROSPECTING ID#: M-2006-078	MINERAL: Sand and gravel	COUNTY: Weld
INSPECTION TYPE: Monitoring	INSPECTOR(S): Peter S. Hays	INSP. DATE: October 10, 2018	INSP. TIME: 14:30
OPERATOR: Flatiron Constructors, Inc.	OPERATOR REPRESENTATIVE: None	TYPE OF OPERATION: 111 - Construction by Government Agency	

REASON FOR INSPECTION: High Priority	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$127,000.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: October 17, 2018

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: Russian olive trees and other noxious weeds are present within or have volunteered into the permit area and are becoming established. This is a problem for failure to employ weed control methods for a state listed noxious weed species within the permitted area, and to reduce the spread of weeds to nearby areas as required by Rule 3.1.10(6).

CORRECTIVE ACTIONS: The Operator shall either implement the existing weed control plan, or develop a weed control and management plan in accordance with Rule 3.1.10(6). 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 by the corrective action date.

CORRECTIVE ACTION DUE DATE: 12/16/18

OBSERVATIONS

The Camenish Borrow site was inspected by Peter Hays with the Division of Reclamation, Mining and Safety (Division/DRMS) as part of the Division's monitoring inspection program. Mr. John Lamb with Flatiron Constructors, Inc. (Flatiron) was notified of the inspection, but was not present during the inspection. The site was previously inspected by the Division on February 17, 2017.

The Division holds a financial warranty in the amount of \$128,000.00. The Division approved the request for a Financial Warranty Reduction (SR-01) to \$15,000.00 on November 20, 2011. However, the Operator has not provided a rider to reduce the current bond or submitted a new bond in the amount of the reduced financial warranty.

As stated in the previous inspection report, the Operator was not aware if the lack of a substitute water supply plan (SWSP) or long-term augmentation plan for the exposed groundwater, as mentioned in the Division of Water Resources comment letter dated June 25, 2012, has been resolved. The groundwater issue must be resolved prior to the Division's consideration of any future final release requests for the site. A copy of the letter is attached.

The site vegetation was well-established and consisted of several varieties of wheatgrasses and brome grass. The grasses were mowed around the lake shoreline. The site was stable and no erosion features were observed during the inspection. A patch of Kochia was observed in the southeast corner of the site.

As cited as a problem, noxious weeds including; Russian olive trees, chamomile and Halogeton were observed on-site. The Russian olive trees have volunteered along the perimeter of the shoreline. Patches of chamomile and Halogeton were observed in the northern upland area. The Operator shall either implement the existing weed control plan, or develop a weed control and management plan in accordance with Rule 3.1.10(6). The weed control plan or proof of weed control measures shall be submitted to the Division by the corrective action date.

Photographs taken during the inspection are attached.

Inspection Contact Address

Mr. Kevin Powell
Flatiron Constructors, Inc.
385 Interlocken Crescent
Broomfield, CO 80021

Enclosure – June 25, 2018 SEO Comment Letter

Ec: Michael Cunningham, DRMS

PHOTOGRAPHS



View of site from the gate looking east



View of site from the gate looking northeast



View of Russian olive trees on the shoreline



View of typical vegetation in the west upland area



View of site from the northwest corner looking south



View of site from the northwest corner looking southeast



View of site from the northwest corner looking east



View of kochia in the southeast corner of 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>N</u>
(HB) HYDROLOGIC BALANCE----- <u>N</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>PB</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 and found in compliance / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited



DEPARTMENT OF NATURAL RESOURCES

DIVISION OF WATER RESOURCES

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John W. Hickenlooper
Governor

Mike King
Executive Director

Dick Wolfe, P.E.
Director/State Engineer

Response to Permit Release Request Consideration

DATE: June 25, 2012
TO: ✓ Tom S. Kaldenbach, Environmental Protection Specialist
CC: Division 1 Office, District 5 Water Commissioner
FROM: Sarah Brucker, P.E. *SB*
RE: Camenish Borrow, File No. M-2006-078
Operator: Flatiron Constructors, Inc., (303) 485 4050
Sec. 15, Twp. 2 North, Rng. 68 West, 6th P.M., Weld County

COMMENTS: The applicant has submitted a request for full reclamation responsibility release for the Camenish Borrow Pit. Well permit no. 65445-F was issued for the Camenish Borrow pit in accordance with a substitute water supply plan approved on March 6, 2007, to expose a maximum of 1.5 acres of ground water. The pit has been reclaimed to the Camenish Reservoir. The reservoir was lined with a clay liner and the liner was approved by the Division Engineer on August 16, 2011. Therefore, no ongoing depletions from exposure of ground water will occur at the site. However, based on the modeling provided with the 2007 SWSP request, lagged depletions from past operations at the site continue to impact South Vrain Creek. The site is not currently included in either a substitute water supply plan or decreed plan for augmentation to replace these lagged depletions. Therefore, this office objects to the requested full reclamation responsibility release for the Camenish Borrow Pit.

RECEIVED

✓
JUN 25 2012

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Mining & Safety

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Office of the State Engineer