




COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY
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: Bachelor Mines (Syracuse Portal)	MINE/PROSPECTING ID#: M-1980-170	MINERAL: Silver	COUNTY: Ouray
INSPECTION TYPE: Monitoring	INSPECTOR(S): Wallace H. Erickson	INSP. DATE: September 20, 2013	INSP. TIME: 14:00
OPERATOR: Bachelor Silver Mines Company	OPERATOR REPRESENTATIVE: None present	TYPE OF OPERATION: 110(2) - Hard Rock Limited Impact	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$7,693.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: September 23, 2013	

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>Y</u>	(RD) ROADS-----	<u>Y</u>
(HB) HYDROLOGIC BALANCE-----	<u>Y</u>	(BG) BACKFILL & GRADING-----	<u>Y</u>	(EX) EXPLOSIVES-----	<u>N</u>
(PW) PROCESSING WASTE/TAILING-----	<u>NA</u>	(SF) PROCESSING FACILITIES-----	<u>Y</u>	(TS) TOPSOIL-----	<u>N</u>
(MP) GENL MINE PLAN COMPLIANCE-----	<u>Y</u>	(FW) FISH & WILDLIFE-----	<u>Y</u>	(RV) REVEGETATION-----	<u>Y</u>
(SM) SIGNS AND MARKERS-----	<u>N</u>	(SP) STORM WATER MGT PLAN-----	<u>N</u>	(SB) COMPLETE INSP-----	<u>N</u>
(ES) OVERBURDEN/DEV. WASTE-----	<u>Y</u>	(SC) EROSION/SEDIMENTATION-----	<u>Y</u>	(RS) RECL PLAN/COMP-----	<u>Y</u>
(AT) ACID OR TOXIC MATERIALS-----	<u>Y</u>	(OD) OFF-SITE DAMAGE-----	<u>Y</u>	(ST) STIPULATIONS-----	<u>NA</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 inspection was conducted as part of the Division's routine monitoring of permitted operations. The Bachelor Mines (Syracuse Portal) is approved for 4.35 acres affected lands, which include the historic Syracuse Portal and its waste rock stockpile resulting from the original excavation of the adit, circa 1880's. Affected lands will be reclaimed to support wildlife habitat and recreation post-mining land use. The Division holds \$7,693 financial warranty. This report is accompanied by four photos.

The permit was issued September 25, 1980. All affected lands, including the portal, mine dump, roads, mine related structures, and the mine drainage ditch existed prior to the permit. Topsoil was not salvaged during the pre-law activities and is not available for reclamation purposes. The original mine plan was to relocate the mine dump materials to the Camp Bird Mill for metallurgical processing. The operation is not approved for on-site milling. Evidence of milling activity was not observed. Permit records do not verify whether mined materials were brought to the surface or if any mined materials were removed from site subsequent to permit issuance. The original reclamation plan discussed converting the mine to a tourist mine, which was accomplished after the landowner became the successor Operator (SO-01 approved July 8, 1988). Tourist activity was active during the inspection.

As shown in the photos, current conditions appear similar to the descriptions of the pre-permit disturbance provided in the original application documents. The portal discharge was estimated at 250-300 gallons per minute and was routed to the south end of the permit area as indicated in the application documents. Mine drainage appeared clear; no evidence of iron staining or metals precipitation was observed. Aquatic plants were thriving throughout all portions of the discharge ditch. Mine drainage ultimately reports to Lake Lenore Estates and does not discharge directly to a live stream channel.

No problems or possible violations were observed.

Inspection Contact Address

Carl Dismant
Bachelor Silver Mines Company
325 5th St
Ouray, CO 81427

Enclosure: 4 photos

Ec w/enclosure: Russ Means, DRMS GJFO

Bachelor Mines
(Syracuse Portal)
M-1980-170
September 20, 2013

Dining tent, to shelter tourist during meals.



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Portal discharge, estimated at 250 gpm, is conveyed by ditch to a sediment pond prior to leaving the permit area.

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Recreational vehicle parked on site.