




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: Signal Reservoir No. 1 Expansion	MINE/PROSPECTING ID#: M-2017-013	MINERAL: Clay (general)	COUNTY: Adams
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: April 3, 2024	INSP. TIME: 13:00
OPERATOR: Todd Creek Village Metropolitan District	OPERATOR REPRESENTATIVE: Mike Wolf	TYPE OF OPERATION: 111 - Construction by Government Agency	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: \$75,000.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Nikie Gagnon	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 14, 2024	

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>Y</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>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 / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

OBSERVATIONS

This inspection was conducted by Nikie Gagnon representing the Division of Reclamation, Mining and Safety (Division). Mike Wolf, representing Todd Creek Village Metropolitan District (Operator), accompanied the Division during the inspection. The Signal Reservoir No. 1 Expansion is a Construction Materials 111 permit associated with a reservoir expansion project for the water district. The permit is approved to affect 30 acres within the footprint of Signal Reservoir No. 1 controlled by Todd Creek.

Gen. Compliance With Mine Plan:

Mining activity has not begun at the site. After the inspection, the Division contacted the permittee, Don Summers, to discuss when excavation of the reservoir will commence. Mr. Summers stated that they have not applied for the required permits from Adams County. Don indicated that they could start working on these in the next year. Once the permits are obtained, the District will start the excavation of the reservoir. The approved mining plan includes deepening the reservoir by 40 feet and using the excavated material to renovate the existing dam. Material removed from the reservoir will not be sold or leave the site but may be used around Signal Reservoir No. 2 on the adjacent property owned by Todd Creek Villiage Metropolitan District.

Signs and Markers:

The Division observed a mine sign was posted at the entrance to the site as required by Rule 3.1.12(1). Upon arrival for the inspection, Mike Wolf gave the Division printed photographs of each boundary marker which included GPS coordinates for each location. The date/time stamp on the photos indicate the points were taken on the day of this inspection, April 3, 2024.

Hydrologic Balance

During the inspection, the Division observed water in the northern end of the reservoir. Todd Creek holds water rights for the surface water in the reservoir. The Operator intends to deepen and clay line the reservoir for use as water storage. If the excavation encounters groundwater, the Operator will obtain a well permit and Substitute Water Supply Plan.

Financial Warranty:

The Division currently holds a \$75,000.00 Certificate of Deposit for the reclamation liability. Per Section 34-32.5-111(5), C.R.S. and Rule 4.2.4, Specific Provisions – 111 Special Operators Permits, the Operator submitted a financial warranty with the application for \$2,500/per acre, \$75,000/30 acres. Additionally, the Division of Water Resources holds a recorded affidavit for the dedication of Todd Creek's Consolidated Mutual Water for the DRMS permit for the purpose of the pending Signal Reservoir No. 1 Substitute Water Supply Plan and/or as long as the reservoir exposes groundwater.

A subset of the photographs taken during inspection are attached. Please contact Nikie Gagnon (303)866-3567 ext. 8126 or email at nikie.gagnon@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1: Looking southwest across the existing reservoir.



Photo 2: Looking west across the reservoir.



Photo 3: Looking northwest across the reservoir.



Photo 4: Looking down into the reservoir from the access road on the eastern side.

Inspection Contact Address

Mike Wolf
Todd Creek Village Metropolitan District
10450 E. 159th Court
Brighton, CO 80602

Enclosure: Boundary Markers GPS Points and Photos dated 4/3/2024

CC: Jared Ebert, DRMS

NE

E

SE

30

60

90

120

150

☀ 86°E (T) ☉ 39°59'56"N, 104°53'43"W ±9ft ▲ 5143ft



NE

Your Watermark - See Settings

Signal Mine marker

03 Apr 2024, 11:33:02

SW

W

NW

N

240

270

300

330

0

☀ 291°W (T) ● 39°59'55"N, 104°53'47"W ±13ft ▲ 5138ft



NE 2

Your Watermark - See Settings

Signal Mine marker

03 Apr 2024, 11:36:48

W

NW

N

270

300

30

0

30

☉ 328°NW (T) ☉ 39°59'52"N, 104°53'55"W ±13ft ▲ 5134ft



N

Your Watermark - See Settings

Signal Mine marker
03 Apr 2024, 11:42:17

SW

W

NW

210

240

270

300

330

☼ 264°W (T) ● 39°59'49"N, 104°54'2"W ±13ft ▲ 5150ft



NW

Your Watermark - See Settings

Signal Mine marker

03 Apr 2024, 11:45:51

SE

S

SW

V

150

180

210

240

270

☀ 200°S (T) ● 39°59'44"N, 104°53'55"W ±9ft ▲ 5153ft



W2

Your Watermark - See Settings

Signal Mine marker

03 Apr 2024, 11:50:21

E 90 SE 120 150 180 S SW 210

☀ 160°S (T) ☉ 39°59'44"N, 104°53'49"W ±13ft ▲ 5153ft



W3
Your Watermark - See Settings

Signal Mine marker
03 Apr 2024, 11:52:26



☀ 33°NE (T) ● 39°59'45"N, 104°53'43"W ±13ft ▲ 5163ft



A
Your Watermark - See Settings

Signal Mine marker
03 Apr 2024, 11:57:25

N

NE

E

0

30

60

90

120

☀ 51°NE (T) ● 39°59'47"N, 104°53'43"W ±9ft ▲ 5156ft



S2

Your Watermark - See Settings

Signal Mine marker

03-Apr-2024, 11:58:50



☀ 119°SE (T) ● 39°59'49"N, 104°53'41"W ±9ft ▲ 5151ft



SE
Your Watermark - See Settings

Signal Mine marker
03 Apr 2024, 12:00:42

N

NE

E



☀ 43°NE (T) ● 39°59'54"N, 104°53'41"W ±9ft ▲ 5164ft



Signal Mine marker
03 Apr 2024, 12:03:23

Your Watermark - See Settings

E SE S
60 90 120 150 180

☀ 128°SE (T) ☉ 39°59'59"N, 104°53'37"W ±9ft ▲ 5147ft



North Gate Sign
Your Watermark - See Settings

Signal Mine
03 Apr 2024, 12:07:52