




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: Goss Sand & Gravel	MINE/PROSPECTING ID#: M-1985-140	MINERAL: Sand and gravel	COUNTY: El Paso
INSPECTION TYPE: Monitoring	INSPECTOR(S): Timothy A. Cazier	INSP. DATE: March 29, 2019	INSP. TIME: 12:30
OPERATOR: David Goss	OPERATOR REPRESENTATIVE: Dean Goss	TYPE OF OPERATION: 110c - Construction Limited Impact	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: Partial Bond	BOND AMOUNT: \$5,000.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Cloudy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 3, 2019

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: Availability Of Records

PROBLEM/POSSIBLE VIOLATION: Problem #1: Incorrect 2018 and 2019 Annual Reports indicating mining has not commenced and zero acres are currently affected.

CORRECTIVE ACTIONS: Submit a letter to the DRMS correcting the 2019 Annual Report stating mining has commenced and providing an estimate of the current affected area by the Corrective Action Due Date.

CORRECTIVE ACTION DUE DATE: 6/03/19

INSPECTION TOPIC: Reclamation Success

PROBLEM/POSSIBLE VIOLATION: Problem #2: Permit records indicates the post-mine land use is developed water resources in the form of a one to two acre pond. The initial permitting review by the DRMS (DMG at the time) involved some correspondence from the Colorado Division of Water Resources (DWR) requiring appropriate water rights be obtained, demonstrated and used for the proposed pond. The DRMS can find no record of this water rights issue being resolved.

CORRECTIVE ACTIONS: Submit one of the following to the DRMS by the **CORRECTIVE ACTION DUE DATE:** A) Documentation from the DWR indicating the necessary water rights have been acquired to meet the post-mine land use of developed water resources; or B) A revision (Technical Revision or Amendment to be coordinated with the DRMS) to change the post-mine land use to something other than developed water resource.

CORRECTIVE ACTION DUE DATE: 7/02/19

OBSERVATIONS

This inspection was conducted as part of the regular monitoring program. Mr. Dean Goss represented the Permittee, David Goss during the inspection. This is a 110c gravel mine. It was operating at the time of the inspection. The Goss Sand & Gravel Pit entrance is located approximately 12 miles east of Falcon on the north side of Falcon Hwy (about 0.5 miles east of N. Ellicott Hwy).

Availability of Records: Annual fees are paid through January 2019. Item 4 in the 2019 annual report indicates excavation, processing or hauling activity has not commenced at the site and Item 8 states 0.0 acres are affected at this site. This is incorrect reporting. The January 13, 1993 Division inspection report states less than one half acre of disturbance was observed. The last inspection (March 18, 2015) documented approximately 0.7 acres of disturbance. Both the 1993 and 2015 inspection reports document ongoing mining activity. **The incorrect reporting is cited as Problem #1 on page 1 of this report.**

The approved post-mine land use is developed water resources. There are no open infractions. Both the surface and minerals are privately owned.

Backfilling and Grading: Sufficient backfill material appeared to be available by pushing down material.

Excess Spoil and Dev. Waste: No overburden piles were observed.

Financial Warranty: The \$5,000 bond held by the Division is adequate for the observed mine disturbance.

Fish and Wildlife: No impact to wildlife was observed.

Hydrologic Balance: A small amount of standing water was observed in the 6 to 8 foot deep pit (see **Photo 1**). This was thought to be snowmelt from the recent storm as groundwater is thought to be 5 to 10 feet below the pit bottom. Mr. Goss pushed material over the small amount of ponded water after pointing it out.

Gen. Compliance with Mine Plan: The operation appeared to be in compliance with the approved mine plan. Google Earth was used to measure the disturbed area, which was estimated to be approximately 0.75 acres, based on 2017 imagery. Highwalls were estimated to vary between 6 and 8 feet in height and appeared stable (see **Photos 2 and 3**).

Off-site Damage: The operation appeared to be confined to the permit boundary, based on Google Earth review and site observations.

Processing Waste: No processing waste was observed.

Roads: Haul and access roads did not appear to be a source of sediment that could be tracked offsite.

Reclamation Success: No reclamation has been initiated. During the inspection Mr. Goss mentioned he did not believe he was allowed to expose groundwater. Review of the permit records indicates the post-mine land use is developed water resources in the form of a one to two acre pond. The initial permitting review by the DRMS (DMG at the time) involved some correspondence from the Colorado Division of Water Resources (DWR) requiring appropriate water rights be obtained, demonstrated and used for the proposed pond. The DRMS can find no record of this water rights issue being resolved. Subsequent to this inspection the DRMS has attempted

to contact you by telephone to determine the status of the required water rights, but has not been able to reach you. **The lack of documentation demonstrating the necessary water rights have been acquired to meet the post-mine land use of developed water resources is cited as Problem #2 on page one of this report.**

Revegetation: No revegetation had been initiated and noxious weeds were observed.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: A loader and dump truck were observed on site (see **Photo 4**).

Signs and Markers: The permit sign was properly posted (see **Photo 5**). However, it was partially illegible. [The Permittee should repaint or replace the sign.](#) The east (see **Photo 6**) and south permit boundaries are fenced.

Storm Water MGT Plan: No oil or fuel spills observed.

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at tim.cazier@state.co.us if you have any questions regarding this report.

PHOTOGRAPHS



Photo 1. Small amount of water observed in the pit (looking west).

PHOTOGRAPHS (cont.)



Photo 2. Stable 6 to 8 foot west side highwalls (looking NW).

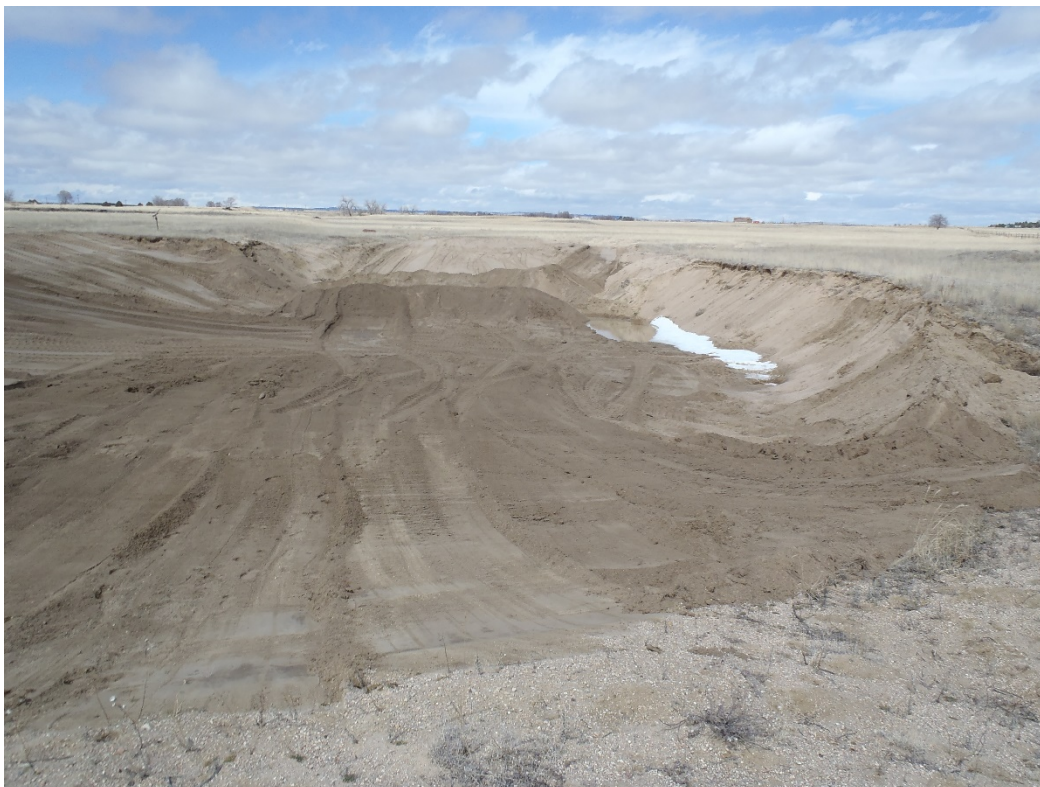


Photo 3. Stable 6 to 8 foot east side highwalls (looking NNW).

PHOTOGRAPHS (cont.)



Photo 4. Loader & dump truck observed during active mining (looking SSW from east side of pit).



Photo 5. Permit sign at entrance (needs repainting or replacement).

PHOTOGRAPHS (cont.)



Photo 6. Fenced boundary on east side (looking north from entrance).

GENERAL INSPECTION TOPICS

The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

(AR) RECORDS----- <u>PB</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>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</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>Y</u>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>PB</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</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

Dean Goss
David Goss
24040 Falcon Hwy
Calhan, CO 80808

ec: DRMS file