




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: Kues Gravel Pit	MINE/PROSPECTING ID#: M-1983-187	MINERAL: Sand and gravel	COUNTY: Logan
INSPECTION TYPE: Monitoring	INSPECTOR(S): Elliott R. Russell	INSP. DATE: March 9, 2016	INSP. TIME: 09:00
OPERATOR: Logan County	OPERATOR REPRESENTATIVE: Chad Wright & Rex Benson	TYPE OF OPERATION: 112c - Construction Regular Operation	

REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: None	BOND AMOUNT: NA
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: February 2, 2017

GENERAL INSPECTION TOPICS

This list identifies the environmental and permit parameters inspected. 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>NA</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>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</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>	(SW) STORM WATER MGT PLAN---- <u>N</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>	(SC) SEDIMENT CONTROL----- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	(ST) STIPULATIONS----- <u>NA</u>

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

PROBLEMS/POSSIBLE VIOLATIONS

None observed at the time of the inspection

OBSERVATIONS

This inspection was conducted as part of the Division's routine monitoring program for permitted operations. The Kues Gravel Pit is a Construction Material Regular 112c Operation Reclamation Permit with 86.82 permitted acres and an approved post mining land use of Rangeland. The mine is located approximately 14 miles east-northeast of Sterling, Colorado. Elliott Russell, with the Division, inspected the site. Chad Wright and Rex Benson, both with Logan County Road & Bridge, represented the Operator and accompanied the inspection. This inspection was carried out as a part of the Division's normal monitoring program.

At 0900 hours, the Division met Mr. Wright and Mr. Benson at the mine site, located on the east side of County Road 67, one-half mile north of U.S. Highway 6. At the time of the inspection the temperature was warm, the sky was clear, and the ground was dry. The mine site identification sign was posted at the mine site entrance along County Road 67. The Operator should remove the older permit number on the sign to eliminate any confusion as M-1978-189 is a terminated permit. The permit boundary was delineated by wood posts and metal t-posts. The site was actively being mined during the inspection; a front-end loader was located on-site and belly-dump haul truck came into the site during the inspection.

The Operator's representatives indicated that the operation is mined in two different lifts. Sand and gravel is extracted with the first lift (top) and clay is extracted on the second lift (bottom).

A topsoil stockpile is located on the pit floor and is adequately vegetated. Another stockpile, consisting of overburden and topsoil, is located along the southern permit boundary. The Division recommends seeding the southern facing slope of this stockpile to reduce any erosion and sediment transport to off-site areas to the south

The northeast and eastern portions of the mine site have started to be reclaimed as these areas have been graded, seeded, and vegetation is being established.

This concludes the Division's Inspection Report; a subset of photographs taken during the time of the inspection are included below. If you need additional information or have any questions, please contact me at Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, by telephone at **303-866-3567 x8132**, or by email at elliott.russell@state.co.us.

PHOTOGRAPHS



Mine identification sign posted along CR 67; looking east.



Overview of the western portion of the site; looking southwest.



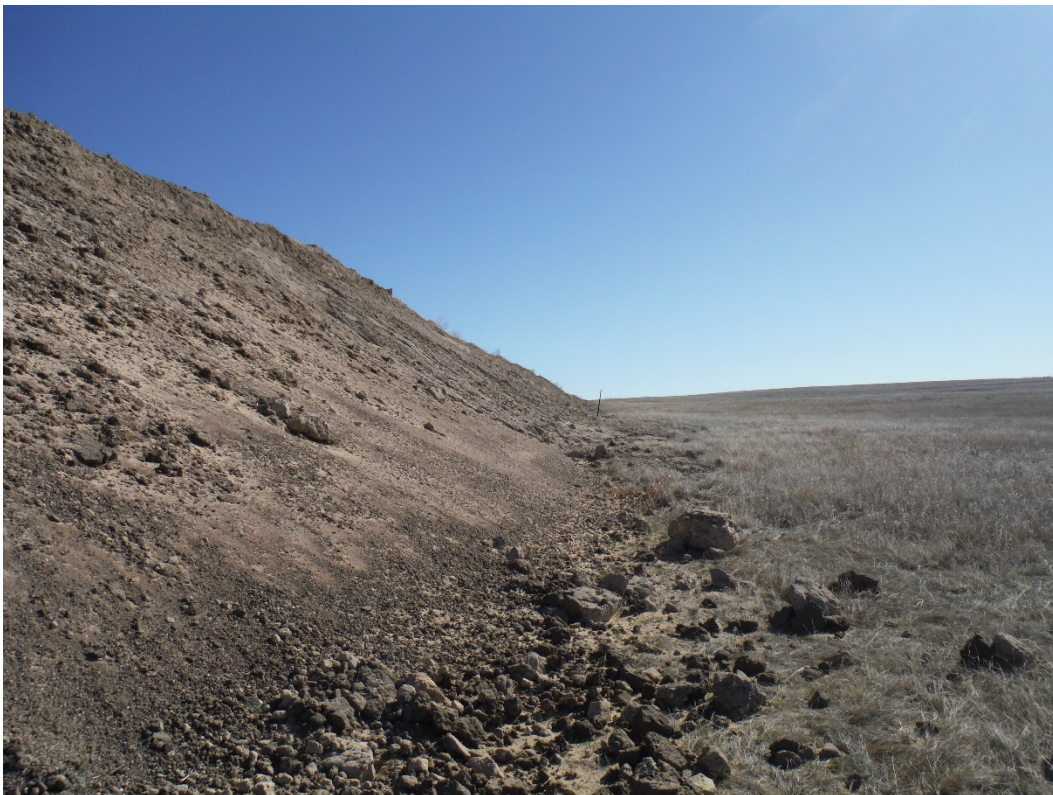
Active highwall of the first lift; looking south.



Active highwall of the second lift; looking south.



Topsoil stockpile located on the pit floor; looking northeast.



Outward slope of the long stockpile along the southern permit boundary; looking east.



Northeast portion of the mine site in reclamation; looking east.

Inspection Contact Address

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