




**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.

<b>MINE NAME:</b> Grand River Park Project	<b>MINE/PROSPECTING ID#:</b> M-2006-046	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Garfield
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Stephanie J. Mitchell	<b>INSP. DATE:</b> December 12, 2013	<b>INSP. TIME:</b> 09:00
<b>OPERATOR:</b> Silt Sand & Gravel, LLC	<b>OPERATOR REPRESENTATIVE:</b> Sean Mello	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$162,454.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> December 17, 2013

**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:** Signs & Markers

**PROBLEM/POSSIBLE VIOLATION:** Problem: The mine identification sign was not posted at the entrance of the mine site. This is a problem for failure to post a mine identification sign as required by Section 3.1.12(1) of the rule.

**CORRECTIVE ACTIONS:** The operator shall, at the entrance of the mine site, post a sign which shall be clearly visible from the access road with the following: the name of the operator, a statement that a reclamation permit for the operation has been issued by the Colorado Mined Land Reclamation Board; and the permit number. The operator shall submit photo documentation that a proper sign has been posted by the corrective action date.

**CORRECTIVE ACTION DUE DATE:** 1/17/14

### **OBSERVATIONS**

This was a monitoring inspection of the Grand River Park Project; M-2006-046 operated by the Silt Sand & Gravel, LLC. This site is located less than 1.25 miles southwest of Silt, Colorado in Garfield County. I, Stephanie Mitchell of the Colorado Division of Reclamation, Mining and Safety conducted the inspection. Mr. Sean Mello, of Silt Sand & Gravel accompanied me on the inspection.

This is a 163 acre 112c mining operation for sand and gravel. A mine identification sign was in place at the entrance to the mine site. Although the sign lacks specific information that is require, such as the permit number and the Division's phone number. All permit boundaries were all clearly marked delineating the permit area.

The site is mined in phases. Phase 1 area has been mined and this area has been reclaimed. The side slopes of the pit excavation appear to be at a 3:1 horizontal to vertical ratio or less. The eastern portion of the site (Phase 1) has been revegetated with approved seed mixture. Mining is currently taking place in Phase 2. Some groundwater is exposed, but is pumped to the Phase 1 area pond.

Topsoil and material stockpiles appear to be stable.

No noxious weeds were observed on site.

Fuel storage appeared to be adequate with berms around the tanks.

Responses to this inspection report should be directed to Stephanie Mitchell at the Division of Reclamation, Mining & Safety, Grand Junction Field Office, 101 South 3rd Street, Room 301, Grand Junction, Colorado 81501, phone number 970.242.5025.

**PHOTOGRAPHS**



Inadequate Mine Identification Sign



Phase 1 pond, reclaimed



Phase 2



Material Stockpile



Topsoil Stockpile





Pump in Phase 2 mining area



Fuel Storage



Phase 2 Mining



Fuel Storage

## 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>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</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>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>PB</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(SB) COMPLETE INSP---- <u>N</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	(ST) STIPULATIONS----- <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

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CC: Russ Means, DRMS