




**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> Amy C. Yeldell	<b>INSP. DATE:</b> March 28, 2018	<b>INSP. TIME:</b> 07:45
<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> \$192,808.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> April 3, 2018	

**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>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>Y</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>	(SP) STORM WATER MGT PLAN---- <u>NA</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</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>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 Colorado Division of Reclamation, Mining and Safety (Division) normal monitoring program. The Grand River Park Project is a 112c permitted site that includes a total of 163 permitted acres. This site is located approximately 1.25 miles southwest of Silt, Colorado and is accessed from Garfield County Road 346 (Colorado River Rd). Sean Mello represented Silt Sand & Gravel, LLC and accompanied Amy Yeldell of the Division on the inspection.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. A sign is posted at the entrance from the county road. A scale and scale house are present and will be removed upon final reclamation. The permit boundary is clearly delineated by wire fences on three sides and the Colorado River on the north side. A portion of the permit area is within the Colorado River. The 200ft buffer between the Colorado River and the pit has been maintained.

This site is broken up into phases and practices concurrent reclamation. Approximately 90 acres have been affected to date. Active mining is occurring is Phase 3A in the northeast portion. The processing area still remains within Phase 3A. This phase is mostly dewatered and is approximately 25 feet deep. A topsoil berm from this phase is stored along the western side. A large stockpile of excavated, yet to be processed material is stored on the pit floor. Approximately one third of Phase 3B has been mined

Reclamation around the Phase 1B pond is almost complete, approximately 200 ft. is remaining. An additional 5 acres of mining may be done in the area occupied by the wash plant and stockpiled material in the southwest corner of this phase. The majority of the slopes have been properly graded to 3:1 or less. Slopes have been stabilized with vegetation. Staff was unable to evaluate the quality of established vegetation due to the time of year the inspection was conducted. In the area with remaining reclamation work a 15 ft. highwall needs to be graded from 1:1 to 3:1 and seeded. Phase 1B is currently being used to store water from Phase 3 when it's dewatered. Phase 1B had approximately 8 feet of water in it at the time of the inspection.

One fuel tank is stored in a cement secondary containment complete with a floor and 3 ft. high walls is located in the Phase 1/2 processing area. Another fuel tank is located on site in a double walled tank. Throughout the production area there are several large stockpiles of processed material. All piles are neatly organized according to size and appear to be stable. Excess construction materials and debris are neatly stacked out of the way along the south edge of the production area.

Mining has completed in Phase 2 and is fully reclaimed (approx. 17 ac). It has been mined to a depth of approximately 20 ft. with a flat bottom. The pond is now completely inundated. All slopes have been properly graded with topsoil applied. Revegetation along the south and east side appears to be thriving. More recent revegetation along the north and west side is spotty. This area would likely benefit from some additional seeding and aggressive weed management practices this spring to avoid being outcompeted.

The western portion of the site remains undisturbed and stable. There is a potential to add additional lands in the southwest corner of the permit boundary into the affected lands. That is dependent on a wetlands survey that will be constructed this spring. These modifications can be done under a technical revision.

Overall the site was stable, no significant erosion was observed. No excessive debris or trash was observed. No

problems or violations were cited during this inspection.

Currently the Division holds a Financial Warranty in the amount of \$192,808 for this site. The Division believes this amount is adequate to cover the cost of reclamation at this time.

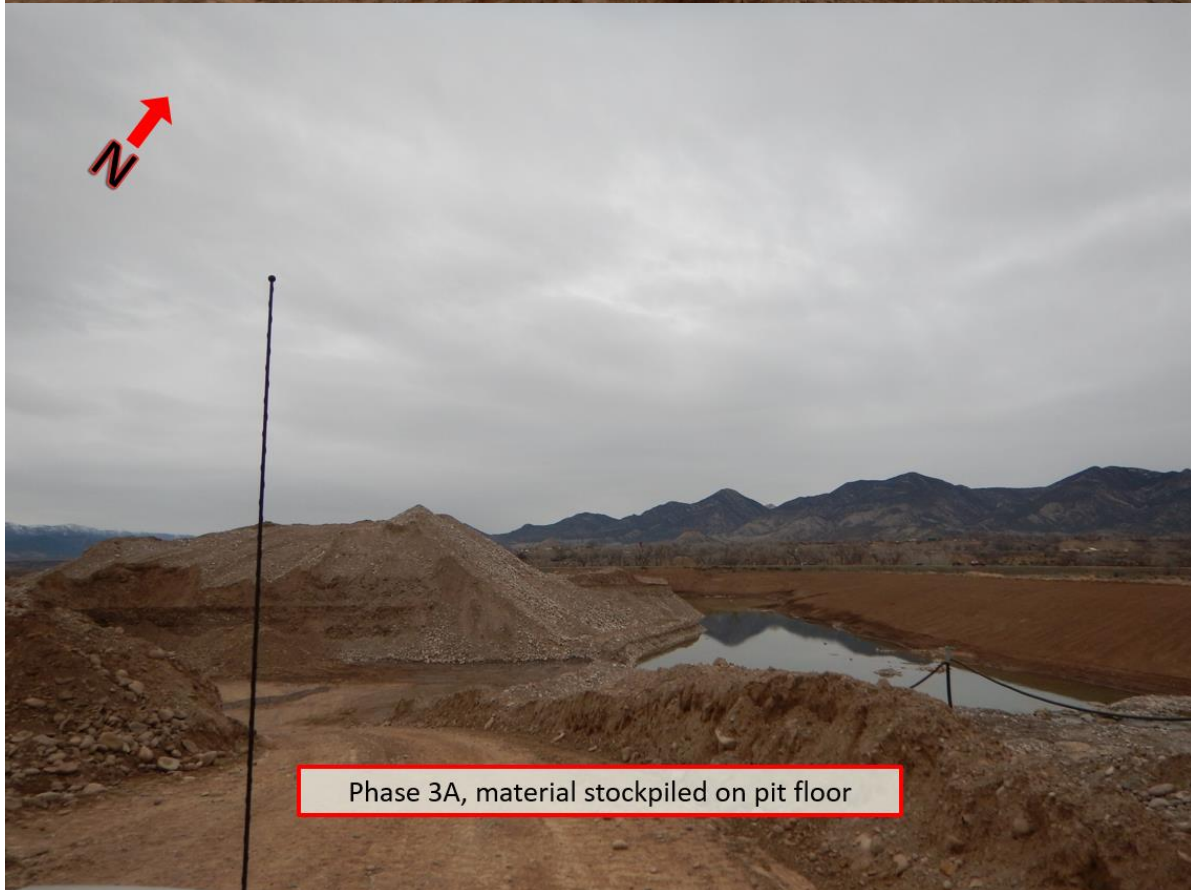
Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at [amy.yeldell@state.co.us](mailto:amy.yeldell@state.co.us)

## **PHOTOGRAPHS**

















**Inspection Contact Address**

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Enclosure

CC:  
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