




**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> Tri-County Gravel	<b>MINE/PROSPECTING ID#:</b> M-1977-305	<b>MINERAL:</b> Sand and Gravel	<b>COUNTY:</b> Delta
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Dustin M. Czapla	<b>INSP. DATE:</b> March 6, 2014	<b>INSP. TIME:</b> 10:00
<b>OPERATOR:</b> Oldcastle SW Group Inc.	<b>OPERATOR REPRESENTATIVE:</b> Jason Burkey	<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> \$303,108.00
<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> March 11, 2014

**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>N</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</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>N</u>
(SM) SIGNS AND MARKERS----- <u>Y</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>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>Y</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	(ST) STIPULATIONS----- <u>N</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 Division of Reclamation, Mining and Safety's (Division) normal monitoring program. Jason Burkey, representing the Operator, was present during this inspection. Photographs are included with this report in order to illustrate some of the conditions observed.

The Tri-County Gravel pit is located approximately one mile northeast of Hotchkiss and accessed from Back River road. The site is a 112c operation that includes a total of 109.93 permitted acres. The Division currently holds a financial warranty amount of \$303,108.00 for this site. The Division has reviewed the reclamation costs and determined that the current financial warranty amount is sufficient.

Adequate mine identification signage was noted at the entrance to the site.

The affected area was marked by fencing and landmarks that were clearly visible and adequate to delineate the affected area boundary.

Mining was occurring in the Phase 3 area during this inspection. Phase 3 is nearly mined out.

Slope reduction has commenced around the mined out areas of Phases 1, 2 and 3. Most of the slopes appeared to be approximately 2H:1V. The mine face in phase 3 was near vertical.

The dike repair in the north side of the permit area appeared stable with vegetation becoming well established.

Materials stockpiles are stored throughout the pit floor in the Phase 1 and Phase 3 areas.

Tamarisk are beginning to infest areas near the water line in the Phase 1 and 2 area and around the sediment pond. The operator is encouraged to remain vigilant in controlling these noxious weeds.

No other problems or violations were noted during this inspection.

Responses to this inspection report should be directed to Dustin Czapla at the Division of Reclamation, Mining and Safety, Grand Junction Field Office, 101 South 3<sup>rd</sup> Street, Room 301, Grand Junction, Colorado 81501, phone number (970) 243-6299.

## PHOTOGRAPHS



Figure 1: View from Hwy 133, toward the Phase 1 and 2 areas, and the constructed dike.



Figure 2: View from Hwy 133, toward the Phase 1 area and the constructed dike.



Figure 3: Topsoil pile at the entrance to the pit.



Figure 4: Southwest facing view of the north slope of the Phase 2 area.





Figure 5: View toward the south slope of the Phase 2 area.



Figure 6: View facing east, toward the Phase 1 area.



Figure 7: View from the sediment pond outlet toward the Phase 1 area.



Figure 8: Sediment pond.



Figure 9: South slope of the constructed dike.



Figure 10: View facing east into the Phase 3 area.



Figure 11: South slope of the Phase 3 area.



Figure 12: Phase 3 mining area.





Figure 13: Phase 3 mining area.



Figure 14: Phase 3 mining area.



Figure 15: Phase 3 mining area.



Figure 16: Phase 4 undisturbed area.

**Inspection Contact Address**

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