




**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><br>Rock School Lease | <b>MINE/PROSPECTING ID#:</b><br>M-1999-051       | <b>MINERAL:</b><br>Carbonates                                  | <b>COUNTY:</b><br>Rio Blanco |
| <b>INSPECTION TYPE:</b><br>Monitoring  | <b>INSPECTOR(S):</b><br>Travis H. Marshall       | <b>INSP. DATE:</b><br>July 24, 2013                            | <b>INSP. TIME:</b><br>11:30  |
| <b>OPERATOR:</b><br>Natural Soda, Inc. | <b>OPERATOR REPRESENTATIVE:</b><br>Michael Clark | <b>TYPE OF OPERATION:</b><br>112 - Hard Rock Regular Operation |                              |

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|---|---|--|
| <b>REASON FOR INSPECTION:</b><br>Normal I&E Program | <b>BOND CALCULATION TYPE:</b><br>Complete Bond  | <b>BOND AMOUNT:</b><br>\$42,863.00       |
| <b>DATE OF COMPLAINT:</b><br>NA                     | <b>POST INSP. CONTACTS:</b><br>None   | <b>JOINT INSP. AGENCY:</b><br>None       |
| <b>WEATHER:</b><br>Clear                            | <b>INSPECTOR'S SIGNATURE:</b><br> | <b>SIGNATURE DATE:</b><br>August 2, 2013 |

**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>NA</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>NA</u>  |
| (SM) SIGNS AND MARKERS----- <u>NA</u>       | (SP) STORM WATER MGT PLAN---- <u>Y</u>   | (SB) COMPLETE INSP---- <u>Y</u>  |
| (ES) OVERBURDEN/DEV. WASTE----- <u>NA</u>   | (SC) EROSION/SEDIMENTATION--- <u>Y</u>   | (RS) RECL PLAN/COMP-- <u>NA</u>  |
| (AT) ACID OR TOXIC MATERIALS----- <u>NA</u> | (OD) OFF-SITE DAMAGE----- <u>Y</u>       | (ST) STIPULATIONS----- <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 by the Colorado Division of Reclamation, Mining and Safety as part of the normal monitoring program. The site is a 1320.10 acre sodium bicarbonate in-situ solution mine located approximately 35 miles southwest of Meeker in the Piceance Basin. The site is currently classified as a 112 Hard Rock Minerals Mine but once mining commences it will be converted to a 112d-3.

The maximum allowed disturbance is 48.10 acres and the current disturbance is approximately 2 acres. Mining has not commenced and the only operations that have taken place are the ongoing hydrology monitoring program.

All hydrology monitoring pads and wells were observed during the inspection. The hydrology pads were covered with volunteer vegetation consisting of grasses and shrubs primarily broom snakeweed, sage brush and rubber rabbit brush.

A required routine reclamation cost update will be conducted and sent under separate cover.

No problems or possible violations were observed during the inspection.

No off site damage or erosion control issues were observed.

If you need more information regarding this inspection report please contact Travis Marshall in the DRMS Grand Junction Field Office at (970) 241-2042.

**PHOTOGRAPHS**



**Inspection Contact Address**

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