



**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> Adams Pit	<b>MINE/PROSPECTING ID#:</b> M-1983-177	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Bent
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Tyler V. O'Donnell	<b>INSP. DATE:</b> February 27, 2014	<b>INSP. TIME:</b> 11:45
<b>OPERATOR:</b> Bent County	<b>OPERATOR REPRESENTATIVE:</b> Robert Darnell	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> N/A
<b>DATE OF COMPLAINT:</b> N/A	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> <i>Tyler O'Donnell</i>	<b>SIGNATURE DATE:</b> March 24, 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>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>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>Y</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>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</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

## **OBSERVATIONS**

This was a normal routine monitoring inspection conducted by Tyler O'Donnell of the Division of Reclamation, Mining and Safety (Division/DRMS). Bent County, the Operator, was represented by Robert Darnell during the inspection. The Adams Pit is located approximately 27 miles south of Las Animas, Colorado. The Adams Pit is a 9.3 acre 110C permitted for the extraction of construction materials primarily sand and gravel. The Adams Pit has an approved affected area of 9.3 acres. The approved post-mining land use is rangeland.

The sky was clear. The ground was dry. No mining equipment was present during the inspection. There was a stockpile of road-base located in the southern portion of the permitted site. The Operator applied for Intermittent Status in Technical Revision TR-01, which was approved by the Division on April 10, 2013. The Operator's representative explained that the site is used infrequently for road repairs in the southern portions of Bent County. It appears that the mining operation has affected approximately 3-4 acres. The Mining operation was expanding to the west. No problems or violations were noted during the inspection.

### **Backfilling and Grading:**

There was a highwall that was approximately 900 feet long that had an average height of approximately 10 feet. The slope of the highwall was near vertical.

### **Hydrologic Balance:**

The pit excavation is located west of Johnny Creek. The bottom of the pit was dry. There was no evidence of excessive erosion. There appeared to be no significant impacts to the prevailing hydrologic balance.

### **Gen. Compliance With Mine Plan:**

All mining activity appeared to be within the marked boundaries.

### **Revegetation:**

There was some plant growth in the disturbed area. The growth in the disturbed area appeared to be volunteer vegetation, comprised of grasses and annual weeds.

### **Sediment Control:**

There was no evidence of excessive erosion (rills, gullies, or sediment fans).

### **Signs and Markers:**

A mine I.D. sign was located at the entrance to the mine site. The permit boundary was clearly marked by t-post and half buried tractor tires.

### **Topsoil:**

There appeared to be an adequate amount of topsoil to reclaim the site. The Operator was salvaging the top 2 feet of growth medium for use in reclamation. The Operator should consider salvaging the top 6 to 8 inches and separating that material from the rest of the growth medium. The Operators efforts in salvaging growth medium are commendable.

### **Inspection Contact Address**

Robert Darnell  
Bent County  
P.O. Box 350  
Las Animas, CO 81054

CC: Tom Kaldenbach, DRMS

## **PHOTOGRAPHS**



**Photo 1:** View looking south, taken from the access road. Johnny Creek runs along the left hand side of the photo, road-base stockpile in the background.



**Photo 2:** View looking west, highwall in the background.





**Photo 3:** View looking northeast taken from on top of the highwall. Road-base stockpile along the left hand side of the photo.



**Photo 4:** Topsoil stockpile.