




**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> Taylor Pit	<b>MINE/PROSPECTING ID#:</b> M-2013-006	<b>MINERAL:</b> Limestone (general)	<b>COUNTY:</b> Moffat
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Amy C. Yeldell	<b>INSP. DATE:</b> May 10, 2016	<b>INSP. TIME:</b> 14:15
<b>OPERATOR:</b> R N P Enterprises, Inc.	<b>OPERATOR REPRESENTATIVE:</b> Rusty Taylor	<b>TYPE OF OPERATION:</b> 110c - Construction Limited Impact	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$19,911.00
<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> May 19, 2016

**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:** Topsoil

**PROBLEM/POSSIBLE VIOLATION:** Problem: The topsoil stockpiles do not have desirable established vegetation on them and were not seeded as per the permit. Rule 3.1.9(1) states if topsoil is not replaced into the backfill area within a time short enough to avoid deterioration of the topsoil, vegetative cover or other means shall be employed so that the topsoil is protected from erosion.

**CORRECTIVE ACTIONS:** The operator shall seed the stockpiles with the seed mix that was submitted as part of the approved Reclamation Plan. The Operator shall demonstrate compliance by submitting seed tags, a bill of sale or photographs of seeding activities. The Operator may also request a follow up inspection.

**CORRECTIVE ACTION DUE DATE:** 10/31/16

## **OBSERVATIONS**

This inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Taylor Pit is a 110c permitted site that includes a total of 9.9 acres of which approximately 6.5 acres are currently disturbed. It is located approximately 5 miles southeast of Maybell, CO and is accessed from Moffat County Road 74. Rusty Taylor represented RnP Enterprises, Inc. 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 combination of wood stakes and pins delineate the 9.9 acre boundary. The majority of which are not visible at a distance. Cattle grazing on the leased land frequently knock down the markers. The operator is encouraged to explore other non-conventional ways to delineate the permit boundary. One recommendation maybe to place large rocks periodically along the boundary that have been painted abnormal color so they stand out. The active mine site boundary is delineated by stormwater berms. The sign is posted at access road off of CR 74. It is noted that at the time of the inspection the mine sign was also knocked down by the cows however since it was present this is not sited as a problem.

Along the outer stormwater berm there was silt fence. The silt fence has been ruined and is no longer effective. It is recommended that the silt fence be removed as this is an unnecessary bond liability. The outer Diversion ditching/berm is adequate. Water was observed in the sediment pond located in the southwest corner.

It was discussed that a possible amendment is to be expected. The operator would like to change their direction of mining to follow the deposit of material. This would entail releasing approximately 3 areas of undisturbed land to the east and adding 3 acres to the west of the current mining area.

A fuel tank in secondary containment was observed. The operator is reminded that all hydrocarbon products need to be in a secondary containment. If containers are empty they should be kept in the containment until properly disposed of according to the label.

On site was a screen and crusher plant. There is no washing of material. As indicated by the operator this site requires both drilling and blasting to harvest the material. There are no permanent structures such as office buildings or scales at this site.

The pit has been excavated to approximately 30' deep and no ground water has been encountered. The Division would like to remind the operator that per the approved mining plan vertical benches shall be mined to a maximum of 20' tall and 20' deep before creating another bench. Based on site conditions it appear that the operation is on the threshold of needing to start another bench. Upon final reclamation slopes will be covered with overburden and topsoil and graded to a 3:1 slope.

There are several stockpile of material stored to the north of the pit. All stockpiles are stable. A few weeds were observed however no large infestations were detected. This spring has been abnormally wet, hindering applications. The operator is encourage to treat for all noxious weeds as soon as weather conditions allow.

Topsoil piles were observed. It was indicated that they were never seeded. Per the permit it was specified that

stockpiles would be seeded with the approved mix. Currently they are stabilized with volunteer vegetation. It is noted that the majority of the vegetation is non-desirable species. This establishment of weedy species will likely negatively impact future reclamation efforts. This failure to follow a permit stipulation is cited as a problem. The operator shall treat for all noxious weeds throughout the summer and reseed the topsoil pile with the approved seed mix this fall. The corrective action due date has been set for October 31, 2016. The Division feels this is adequate time given that optimal seeding time is generally September 15 to October 15. If weather condition should be non-conducive for seeding it is the operator's responsibility to contact the Division.

Overall the operation is very well organized and an effective use of space.

The Division would like to clarify that the 2016 annual report, map and Fee was received however the 2015 information was not. The 2015 report packet is attached to this inspection report.

Currently the Division holds a bond in the amount of \$19,991 for this site. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division will be updating the reclamation cost estimate. A copy of the staff calculations will be sent under separate cover.

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

**PHOTOGRAPHS**





















### **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>Y</u>
(PW) PROCESSING WASTE/TAILING---- <u>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>PB</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>NA</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SW) STORM WATER MGT PLAN---- <u>Y</u>	(CI) 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

#### **Inspection Contact Address**

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Enclosure

CC:  
Russ Means, Senior EPS/ GJFO Supervisor, DRMS