


**COLORADO**Division of Reclamation,  
Mining and Safety

Department of Natural Resources

**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>AGRI-DLD Gravel Pit    | <b>MINE/PROSPECTING ID#:</b><br>M-2000-030      | <b>MINERAL:</b><br>Sand and gravel                                 | <b>COUNTY:</b><br>La Plata  |
| <b>INSPECTION TYPE:</b><br>Monitoring       | <b>INSPECTOR(S):</b><br>Lucas J. West           | <b>INSP. DATE:</b><br>April 5, 2017                                | <b>INSP. TIME:</b><br>12:05 |
| <b>OPERATOR:</b><br>Elam Construction, Inc. | <b>OPERATOR REPRESENTATIVE:</b><br>Jodie O'rand | <b>TYPE OF OPERATION:</b><br>112c - Construction Regular Operation |                             |

|   |  |  |
|---|--|--|
| <b>REASON FOR INSPECTION:</b><br>Normal I&E Program | <b>BOND CALCULATION TYPE:</b><br>Complete Bond   | <b>BOND AMOUNT:</b><br>\$142,062.19      |
| <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>April 13, 2017 |

**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:** Acid And Toxic Materials

**PROBLEM/POSSIBLE VIOLATION:** Problem: Improper storage and containment of fuels and/or other hazardous materials was present on site. Various containers including 55 gallon drums and cube containers of unknown materials were observed. Also observed was a large trailer that appeared to once contain oil that had no secondary containment and was evidence of spilling was noted at the rear of the trailer.

**CORRECTIVE ACTIONS:** All storage tanks, petroleum and any hazardous materials on site for any period of time shall have appropriate secondary containment or shall be removed from the site. Please supply photo documentation that any fuel or hazardous materials containers are stored properly - including applicable secondary containment structures and that the trailer has been removed from the site and disposed of properly within **60 days** of the date of this letter. Note that secondary containment structures shall consist of an impermeable containment which could contain all contents of the tanks and various containers (when full) plus 10% of the total capacity.

**CORRECTIVE ACTION DUE DATE:** Monday June 12, 2017

## **OBSERVATIONS**

This inspection was conducted as part of the normal monitoring program established by the Colorado Division of Reclamation, Mining and Safety. The AGRI-DLD Gravel pit is an active 112c operation located approximately 15 Miles southeast of Durango, CO at nearly 6620 feet in elevation. The site is accessed by County Road 307 and public access is controlled by a locked gate at the start of the access road. The Division currently holds \$142,602.19 in financial warranty for the site. A reclamation cost estimate update was performed and staff calculations found that the currently held financial warranty is sufficient to achieve reclamation in accordance with the approved reclamation plan. Six Photos accompany this report to illustrate the current site conditions.

The proper mine identification signage was posted at the entrance to the site which can be seen in Photo One. The site was not active during the inspection and no equipment was observed on site. The mining activities have currently disturbed approximately 26 acres, and is approved for a maximum disturbance of 40 acres. The total permit area consists of 156.27 acres. The current mining activity is focused in the phase three area and a large portion of that has been stripped and is to be mined in the upcoming months. The area that has been stripped as well as the active mining area can be seen in Photo Two. Several stockpiles of material were noted on the pit floor. Examples of the stockpiles can be seen in Photo Three. All of the stockpiles appear to be stable and are in good condition. The stockpiles include various sized materials, overburden and topsoil. The pit floor exhibits positive drainage and no significant impounded storm water was noted on the pit floor. The active area is surrounded by a visual impact berm. The berm is in good condition and no signs of significant erosion were observed. A small pile of trash and rubble was observed on the pit floor, and discussions with the operator indicate that the material is consolidated and removed periodically.

Near the center of the pit a large fuel container with proper secondary containment was observed. The secondary containment however was filled with rain water and needs to be drained to allow the proper storage capacity for the tank. Adjacent to the access road, a storage area with a variety of items was noted. Most of the items were stored in an orderly fashion and not considered a problem at this time. Several 55 gallon drums with proper secondary containment were noted in the storage area.

There was however, two cube containers, and various other drums of unknown substances stored without any secondary containment shown in Photo Four. All storage tanks, petroleum and any hazardous materials on site for any period of time shall have appropriate secondary containment or shall be removed from the site. Please supply photo documentation that any fuel or hazardous materials containers are stored properly or that they have been removed from the site completely. Documentation of compliance must be received within **60 days** of date of this report.

Similarly, adjacent to the storage area an old tanker trailer propped on jersey barriers was observed shown in Photo Five with no secondary containment. The trailer appears to once have contained oil or tar, but discussions with the operator indicate that it has not been used in recent years. The trailer is in disrepair and shows signs of leakage, including stained soil around the rear of the trailer shown in Photo Six. The Operator shall properly remove and dispose of the trailer, as well as remediate and dispose of the contaminated soil within **60 days** of the date of this report.

The removal and disposal of the trailer, as well as the unknown substances was not included in the

reclamation cost estimate update, however if compliance is not reached by the above listed date, a secondary estimate will be performed to include these tasks. Including these tasks may cause an adjustment to the required amount of financial warranty. All documentation of compliance including applicable secondary containment structures and that the trailer has been removed from the site and disposed of properly must be received by the Division's Denver Office no later than **Monday June 12, 2017**.

The overall footprint of the site is in good condition, no excessive trash nor were noxious weeds observed during the inspection. All responses to this report should be directed to Lucas West at the Colorado Division of Reclamation, Mining and Safety at 1313 Sherman Street, Room 215, Denver CO, 80203, by phone at (970)-243-6368 or by email at [lucas.west@state.co.us](mailto:lucas.west@state.co.us).

### PHOTOGRAPHS



Photo One: View south, showing the proper mine ID sign posted at the entrance to the site. The access road also provides service to several gas wells in the area.





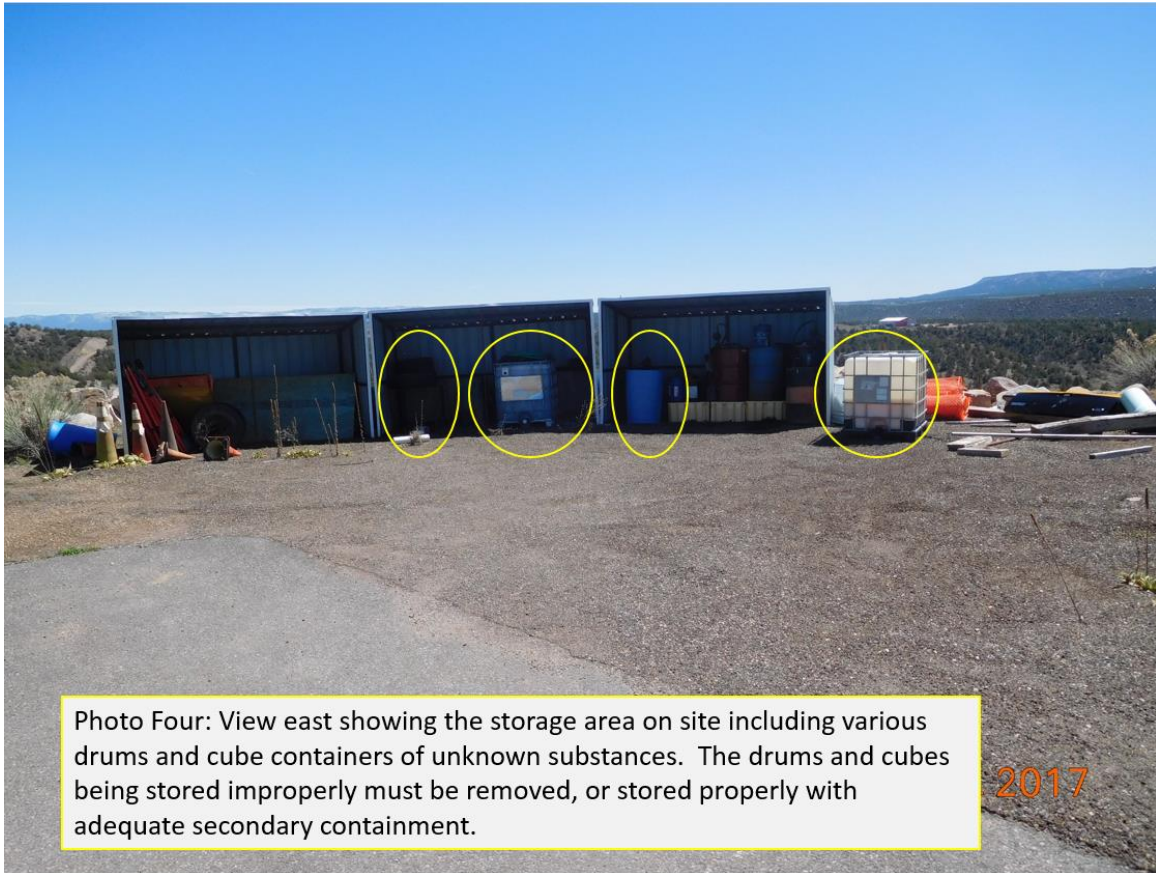


Photo Four: View east showing the storage area on site including various drums and cube containers of unknown substances. The drums and cubes being stored improperly must be removed, or stored properly with adequate secondary containment.

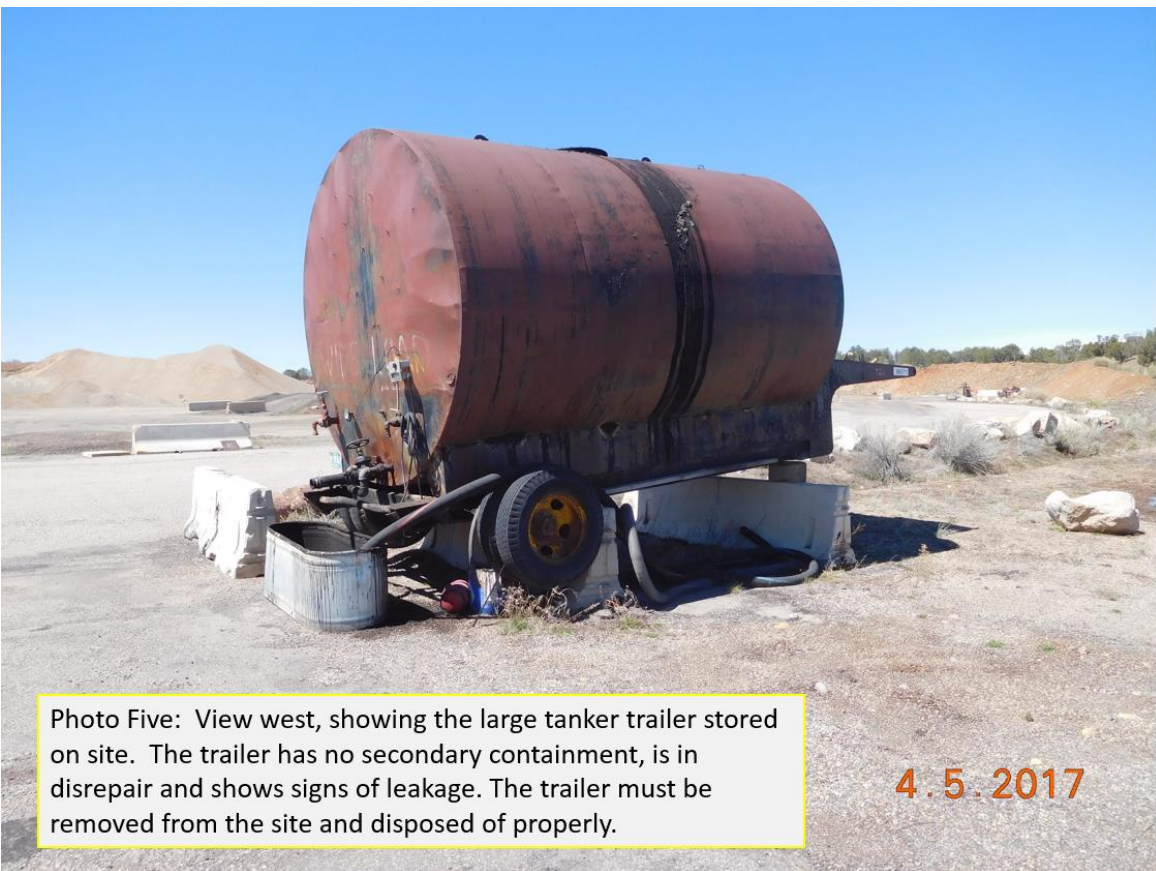


Photo Five: View west, showing the large tanker trailer stored on site. The trailer has no secondary containment, is in disrepair and shows signs of leakage. The trailer must be removed from the site and disposed of properly.



Photo Six: Showing the stained soil, evidence of leakage, as well as trash and debris around the trailer that must also be removed and disposed of properly.

### 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>N</u>       | (BG) BACKFILL & GRADING----- <u>N</u>    | (EX) EXPLOSIVES----- <u>N</u>   |
| (PW) PROCESSING WASTE/TAILING---- <u>N</u>  | (SF) PROCESSING FACILITIES----- <u>N</u> | (TS) TOPSOIL----- <u>N</u>      |
| (MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>    | (FW) FISH & WILDLIFE----- <u>N</u>       | (RV) REVEGETATION---- <u>N</u>  |
| (SM) SIGNS AND MARKERS----- <u>Y</u>        | (SP) STORM WATER MGT PLAN---- <u>N</u>   | (CI) COMPLETE INSP---- <u>Y</u> |
| (ES) OVERBURDEN/DEV. WASTE----- <u>N</u>    | (SC) EROSION/SEDIMENTATION--- <u>N</u>   | (RS) RECL PLAN/COMP-- <u>N</u>  |
| (AT) ACID OR TOXIC MATERIALS----- <u>PB</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

#### Inspection Contact Address

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CC: