



## State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MININGNorman H. Bangertter  
GovernorDee C. Hansen  
Executive DirectorDianne R. Nielson, Ph.D.  
Division Director355 West North Temple  
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Salt Lake City, Utah 84180-1203  
801-538-5340

## INSPECTION REPORT

INSPECTION DATE & TIME: April 23, 1990  
8:45 a.m. to 1:00 p.m.

Permittee and/or Operators Name: Andalex Resources Incorporated  
 Business Address: P. O. Box 902 Price, Utah 84501  
 Mine Name: Centennial Project Permit Number ACT/007/019  
 Type of Mining Activity: Underground  Surface  Other  
 County: Carbon  
 Company Official (s): Mike Glasson  
 State Official(s): Daron R. Haddock  
 Partial:  Complete:  Date of Last Inspection: March 28-29, 1990  
 Weather Conditions: Partly Cloudy, Windy  
 Acreage: Permitted 2360 Disturbed 34.2 Regraded      Seeded      Bonded 30.7  
 Enforcement Action: None

## COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

|   | YES   | NO  | N/A   | COMMENTS |
|---|-------|-----|-------|----------|
| 1. PERMITS  | ( X ) | ( ) | ( )   | ( X )    |
| 2. SIGNS AND MARKERS  | ( X ) | ( ) | ( )   | ( X )    |
| 3. TOPSOIL  | ( X ) | ( ) | ( )   | ( )      |
| 4. HYDROLOGIC BALANCE:  |       |     |       |          |
| a. STREAM CHANNEL DIVERSIONS  | ( X ) | ( ) | ( )   | ( )      |
| b. DIVERSIONS   | ( X ) | ( ) | ( )   | ( X )    |
| c. SEDIMENT PONDS AND IMPOUNDMENTS                                  | ( X ) | ( ) | ( )   | ( X )    |
| d. OTHER SEDIMENT CONTROL MEASURES                                  | ( X ) | ( ) | ( )   | ( X )    |
| e. SURFACE AND GROUNDWATER MONITORING                               | ( X ) | ( ) | ( )   | ( X )    |
| f. EFFLUENT LIMITATIONS   | ( X ) | ( ) | ( )   | ( X )    |
| 5. EXPLOSIVES   | ( X ) | ( ) | ( )   | ( X )    |
| 6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL                          | ( X ) | ( ) | ( )   | ( X )    |
| 7. COAL PROCESSING WASTE  | ( )   | ( ) | ( X ) | ( )      |
| 8. NONCOAL WASTE  | ( X ) | ( ) | ( )   | ( )      |
| 9. PROTECTION OF FISH, WILDLIFE AND<br>RELATED ENVIRONMENTAL VALUES | ( X ) | ( ) | ( )   | ( )      |
| 10. SLIDES AND OTHER DAMAGE   | ( X ) | ( ) | ( )   | ( )      |
| 11. CONTEMPORANEOUS RECLAMATION                                     | ( X ) | ( ) | ( )   | ( )      |
| 12. BACKFILLING AND GRADING   | ( X ) | ( ) | ( )   | ( )      |
| 13. REVEGETATION  | ( X ) | ( ) | ( )   | ( X )    |
| 14. SUBSIDENCE CONTROL  | ( X ) | ( ) | ( )   | ( X )    |
| 15. CESSATION OF OPERATIONS   | ( )   | ( ) | ( X ) | ( )      |
| 16. ROADS   |       |     |       |          |
| a. CONSTRUCTION   | ( X ) | ( ) | ( )   | ( )      |
| b. DRAINAGE CONTROLS  | ( X ) | ( ) | ( )   | ( X )    |
| c. SURFACING  | ( X ) | ( ) | ( )   | ( )      |
| d. MAINTENANCE  | ( X ) | ( ) | ( )   | ( X )    |
| 17. OTHER TRANSPORTATION FACILITIES                                 | ( X ) | ( ) | ( )   | ( )      |
| 18. SUPPORT FACILITIES  |       |     |       |          |
| UTILITY INSTALLATIONS   | ( X ) | ( ) | ( )   | ( X )    |

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PERMIT NUMBER: ACT/007/019

DATE OF INSPECTION April 23, 1990

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS:

The operator was issued a revised permit on May 4, 1989 allowing for the construction of the Aberdeen mine. Recent reviews of as-built designs show that the bond amount also needed to be revised. The Division sent a letter on March 28, 1990, requesting additional bonding to be provided within 30 days.

Other issues brought up during the March oversight inspection include; small area exemption status for substation pad area and office/weather station pad, design for culvert CD-3, and Plate 8 correction which removed riprap symbol from the map. All of these issues were addressed by the operator and received division approval on April 26, 1990.

2. SIGNS AND MARKERS:

Signs and markers were checked throughout the mine site and were found to be in order. Those checked include; Mine ID signs, Perimeter markers, Sediment level markers, and Explosives signs.

4b. DIVERSIONS:

The UD-1 diversion was checked and found to contain some coal fines. Straw bales have been placed along the diversion in several locations to try to prevent the fines from leaving the site.

Other ditches around the site have recently been cleaned.

4c. SEDIMENT PONDS AND IMPOUNDMENTS:

The operator has 3 sediment ponds; Pond B, Pond C, and Pond E. All of the ponds have sediment level markers in them and appear to have plenty of storage capacity available. Pond inspections were done on March 31, 1990 for all 3 ponds.

4e. SURFACE AND GROUNDWATER MONITORING:

Records for the 4th quarter of 1989 were checked. All monitoring stations show no flow with the exception of Well #1. It was sampled on November 6, 1989. Samples for 1st quarter 1990 are still being analyzed.

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4f. EFFLUENT LIMITATIONS:

The only discharge from the mine has occurred at the mine discharge point 002. NPDES records for 4th quarter 1989 indicate that the discharge has met effluent limitations. First quarter 1990 reports have not been submitted as yet. The operator has until the 28th of this month to submit them.

Discharge was occurring at the time of this inspection. The water appeared clear and is expected to meet effluent limits.

5. EXPLOSIVES:

The powder magazines were checked and found to be locked. Blasting records were also checked and found to be in order. The last blast was recorded in October of 1989.

6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL:

A small amount of spoil material is being temporarily stored next to the Aberdeen portals. It is scheduled to be used as fill around the portal and should soon be moved.

13. REVEGETATION:

A copy of the seed mix certification used at the Aberdeen mine was viewed. The certification was made on November 22, 1989. Some vegetation is visible around the hydroseeded sites however, more should be expected. It may still be too early for much vegetation to be established.

14. SUBSIDENCE CONTROL:

Bruce Ware a registered land surveyor conducted a subsidence survey on August 5, 1989. The survey shows no significant horizontal or vertical movement.

16b. ROAD DRAINAGE CONTROLS:

Road ditches and culverts appear to be clear and functional. Recent construction has left some gravel in the drainage just above pond E. The operator will have it bladed out.

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16d. ROAD MAINTENANCE:

The gravel roads around the site have recently been regraded and sprayed with Magnesium Chloride to control dust.

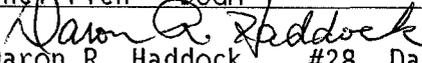
18. SUPPORT FACILITIES AND UTILITY INSTALLATIONS:

The operator is considering installation of a stacking tube at the Aberdeen mine, which may reduce the wind blown coal fines leaving the pile. The undersigned inspector encourages this installation.

Copy of this Report:

Mailed to: Mike Glasson (Andalex), Brian Smith (OSM)

Given to: Joe Heifrich - DOGM

Inspectors Signature and Number:  Daron R. Haddock #28 Date: Apr. 26, 1990