



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

*DECL BY [signature]*

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## INSPECTION REPORT

Partial XXX Complete      Exploration       
Inspection Date: 11/20/2002 / Time: 8-9:20 AM  
Date of Last Inspection: 10/31/2002

Mine Name: Centennial Project County: Carbon Permit Number: C/007/019  
Permittee and/or Operator's Name: Andalex Resource, Inc.  
Business Address: P.O. Box 902, Price, Utah 84501  
Company Official(s): Mr. Mike Glasson, Senior Geologist  
State Official(s): Peter Hess Federal Official(s): None  
Weather Conditions: Clear and sunny / temperature 30-40 degrees Fahrenheit  
Type of Mining Activity: Underground XXX Surface      Prep Plant      Other       
Existing Acreage: Permitted 5419.49 Disturbed 35.27 Regraded      Seeded       
Status: Active

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 <sup>th</sup> Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**INSPECTION REPORT**  
(Continuation Sheet)

PERMIT NUMBER: C/007/019

DATE OF INSPECTION: 11/20/2002

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

Note: Mr. Ken Wyatt (DOGM Title 4 Program) was at the site this day to look over the sinkhole that developed due to a collapse of the roof in one of the abandoned Sutton portals. As noted in the October report, the opening was discovered by a cowboy gathering cows in the Fiasco Canyon area. Direct access to the opening is barred by a topsoil pile located adjacent to the mine office. Mr. Wyatt is of the opinion that the use of polyurethane foam ("PUFF") is the way to best close the opening, as it would not require moving the topsoil in order to get machinery and / or fill material to the opening.

**4A. HYDROLOGIC BALANCE: DIVERSIONS**

The permittee needs to redefine the diversion that carries the belt wash-down water from the Aberdeen belt portal across the coal storage pad thence to pond "E". Mr. Glasson agreed to do the work.

**4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

Several of the ponds contained ice in their bottoms. None of the ice elevations are close to the elevation of the primary discharge. Analysis of the discharge monitoring reports for the site indicates that none of the four permitted discharge points had outfalls during the month of October.

**4C. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES**

The permittee has installed new straw bales along the southern edge of the mine office / parking lot area ASCA. As noted in the October report, the bales that had been in place here were destroyed by cattle that were being moved down the canyon.

**4D. HYDROLOGIC BALANCE: WATER MONITORING**

The permittee received a reconnaissance inspection at the Centennial site from the Utah Division of Water Quality on September 18, 2002. Two topics were discussed within Mr. Mike Herkimer's October 28, 2002 letter discussing the inspection. The first topic noted was the need for the permittee to obtain a general storm water permit. The second topic was the need for the permittee to obtain a sample of the mine water discharge, such that a whole effluent toxicity analysis can be performed. The mine water discharge point generally does not discharge, as can be confirmed by EPA discharge monitoring reports that are completed monthly. It should be noted, however, that the permittee had notified Utah DEQ / DWQ that the Centennial project **may discharge** mine water sometime during the month of November, for several months.

INSPECTION REPORT  
(Continuation Sheet)

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8. NONCOAL WASTE

The permittee has removed conveyor belting from one of the mines and drug it to the Apex Mine truck loadout area. It is not known when the belt was placed here but same has been placed in a disheveled fashion. Mr. Glasson was frustrated with the manner in which the belt had been placed and agreed to follow up with the mine personnel to prevent a recurrence. It was also noted that several lengths of pipe had been placed in the ditch that parallels the material storage area west of the Apex Mine truck loadout. Mr. Glasson had surface personnel move the pipe during the course of the inspection.

Inspector's Signature:   
Peter Hess #46

Date: November 21, 2002

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

cc: James Fulton, OSM  
Mike Glasson, Andalex  
Price Field office

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