



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

Partial: XXX Complete:      Exploration:     

Inspection Date & Time: 04/30/2001 / 8:15-11 AM

Date of Last Inspection: 03/29/2001

*PKL  
by  
AD*

Mine Name: Centennial Project County: Carbon Permit Number: C/007/019  
 Permittee and/or Operator's Name: Andalex Resources, Inc.  
 Business Address: P.O. Box 902, Price, Utah 84501  
 Type of Mining Activity: Underground XXX Surface      Prep. Plant      Other       
 Company Official(s): Mr. Mike Glasson, Senior Geologist  
 State Official(s): Peter Hess Federal Official(s): None  
 Weather Conditions: Clear, warm/40's Fahrenheit  
 Existing Acreage: Permitted 5179.49 Disturbed 35.27 Regraded      Seeded       
 Status: Active XXX

### 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.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input checked="" 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 checked="" 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: 04/30/2001

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

### 4A. HYDROLOGIC BALANCE: DIVERSIONS

The permittee has removed the electrical cable that was observed during the March inspection to be blocking the ditch directly east of the lubricant storage shed located on the upper Pinnacle Mine pad.

The permittee has repaired the ditch that carries conveyor wash-down water from the Aberdeen #1 belt drive along the north slope to the lower coal storage pad.

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

During the review of the annual impoundment inspections for the Centennial site, as submitted in the annual report, it was observed that sediment pond "C" had 0.016 acre feet of existing sediment capacity remaining before reaching the 60% cleanout elevation. The inspection of pond "C" and the report form were P.E. certified by Mr. Dan Guy, Utah registered professional engineer on November 30, 2000.

The inspection report notes that 0.016 acre feet of "existing sediment capacity (to cleanout)" were in place during the November inspection. That being the case, the pond should probably be cleaned soon. Examination of the sediment level in the pond appears to be well below the level at which cleaning would be necessary. A roof bolt installed on the slope of the west bank of pond "C" has a red paint mark indicating the maximum level of sediment allowable prior to cleanout. It appears that pond "C" can accept at least 14" more of sediment. Photographs of pond "C" were taken from inside the pond at sediment level. There is no water in the pond at this point.

Inspection of Plate 12, sediment pond "C" from the Centennial Project mining and reclamation plan reveals that the 60% sediment cleanout elevation lies at 7046.9 feet above sea level. The elevation of sediment (as determined from Mr. Guy's November 30, 2000 inspection and P.E. certification) lies at 7046.0 feet. Thus, it appears that 0.9 feet of sediment storage capacity remained as of November 30, 2000. The sediment cleanout elevation here is deceiving because of the unusual configuration of the bottom of the pond.

Mr. Glasson was contacted via telephone on April 30, 2001 at approximately 2:20 PM. At that time, the inspector and the permittee agreed that the pond "C" sediment level situation should be looked into and that Mr. Dan Guy, P.E., would be contacted to determine what the current sediment level is in the pond. Pending the results of that determination, it will be decided if the pond should be cleaned.

Mr. Glasson informed the Division on May 4, 2001 that Mr. Guy had conducted a new survey of pond "C" on Wednesday May 2, 2001. Although the results of that survey were not available as of the date of this report, Mr. Glasson did indicate that the pond would, more than likely be cleaned this summer. Mr. Glasson also mentioned that while the contractor was on site, cell #4 of catch basin "B" would be cleaned. Same was noted as being full in the annual impoundment certification.

The permittee needs to redefine the ditch on the south end of sediment basin "B".

**INSPECTION REPORT**

(Continuation sheet)

PERMIT NUMBER: C/007/019

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

The first quarter 2001 water monitoring for the Centennial site was conducted on March 30, 2001. The permittee is presently awaiting analytical results from CT & E labs in Huntington, Utah.

As of the date of today's partial inspection, the permittee had not conducted any water monitoring sampling for the Centennial site for the second quarter of 2001.

Inspector's Signature: \_\_\_\_\_



Peter Hess #46

Date: May 7, 2001

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

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

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