

0012



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

*Jch 1027*

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## INSPECTION REPORT

INSPECTION DATE & TIME: July 23, 1992  
8:00 A.M. to 12:00 P.M.

Permittee and/or Operator's Name: Andalex Resources, Inc.  
Business Address: P.O. Box 902, Price, Utah 84501  
Mine Name: Centennial Project Permit Number: ACT/007/019 County: Carbon  
Type of Mining Activity: Underground  Surface  Other   
Company Official(s): Mike Glasson State Officials(s): Paul Baker Federal Official(s): None  
Partial:  Complete:  Date of last Inspection: June 10, 1992  
Weather Conditions: Partly Cloudy, 70's  
Acreage: Permitted- 3368 Disturbed- 34 Regraded- 0 Seeded- 0 Bonded- 34  
Enforcement Action: None

### COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. SURFACE AND GROUNDWATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF DEVELOPMENT WASTE & SPOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL PROCESSING WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 VALUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. ROADS				
a. CONSTRUCTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. MAINTENANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES AND UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS INFORMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

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PERMIT NUMBER: ACT/007/019

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(Comments are Numbered to Correspond with Topics Listed Above)

### 1. Permits

Insurance Acord forms were faxed from the insurance agency while I was at the site. Coverage is adequate to meet the requirements of the regulations, and the cancellation clause has been properly revised.

Information was received from the laboratory while I was at the site to abate violation N92-41-2-1.

### 3. Topsoil

Vegetation on topsoil piles A and F and on the substitute topsoil piles north and south of the pad west of the Lower Pinnacle portals is in excellent condition and appears to be adequate to control erosion loss. Vegetation on pile G is moderate, but the vegetation on pile C and the Aberdeen pile is struggling. These piles are fairly steep and have not had as much time for vegetation to become established as the other stockpiles. Some seed was broadcast on these piles last fall, but it appears that there was very limited success. Additional efforts should be undertaken this coming fall. Other protection measures for these stockpiles are in place.

Storage pile F has limited amounts (<1" deep) of coal fines on it in some areas. Before the vegetation grows next year, these fines should be vacuumed off. Andalex may check the vegetation in areas with and without fines to see if there are any effects.

### 4. Hydrologic Balance

#### b. Diversions

We checked culverts and ditches throughout the disturbed area and found them to be clean and in proper working condition.

#### c. Sediment Ponds and Impoundments

Andalex has submitted information to modify pond C to be in compliance with the regulations, but the review has not yet been performed.

The ponds were all dry and appeared to be stable. The second quarter inspection reports indicated no problems.

#### e. Surface and Groundwater Monitoring

During the second quarter, samples were taken from well #1 and from S18-1 and S25-1. The lab tested for all of the parameters listed in the plan for well #1. Mr. Glasson was not able to locate the reports for the other two sampling points, but these should be submitted to the Division.

At the last complete inspection, some of the parameters for well #1 sampling were missed in the lab report. A revised report now available was checked, and all parameters except suspended solids were shown. The lab did not perform all of the tests originally but did the ones that they missed after we telephoned them about the missing values. It was not possible to do suspended solids because of the holding time limitations.

There were no obvious problems with any of the reported values. The reports will be shown to a hydrologist to be checked further.

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f. Effluent Limitations

First quarter NPDES reports indicated that there had been no discharges. At the last complete inspection, samples were taken of mine water discharge, and the lab reports showed no exceedances. Water was being discharged from the mine at the time of the inspection.

13. Revegetation

Andalex has committed to work with the Division to try to establish some shrubs on topsoil pile F as part of testing for revegetation feasibility. Although vegetation on this pile looks very good, there are few woody plants. I gave Mr. Glasson a list of plants that should be available from the Lone Peak State Nursery next spring, and we discussed which would be suited for the site.

16. Roads

d. Maintenance

Roads have been recently maintained, including application of magnesium chloride on some gravel sections. They are in good condition with no dust problems apparent.

19. AVS Information

I conducted an AVS check, and there have been no changes.

Copy of this Report:

Mailed to: Mike Glasson (Andalex), Bernie Freeman (OSM)

Given to: Daron Haddock, Joe Helfrich (DOGM)

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

Paul B. Baker #41 Date: July 27, 1992