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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

INSPECTION DATE & TIME: April 21, 1992
10:00 A.M. to 2:45 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 X Surface Other
Company Official(s): Mike Glasson and Jean Semborski State Officials(s): Paul Baker and James Smith
Federal Official(s): None
Partial: Complete: X Date of last Inspection: March 11, 1992
Weather Conditions: Partly Cloudy, 50-60's
Acreage: Permitted- 3368 Disturbed- 34 Regraded- 0 Seeded- 0 Bonded- 34
Enforcement Action: N92-41-2-1

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

INSPECTION REPORT

(Continuation sheet)

Page 2 of 3

PERMIT NUMBER: ACT/007/019

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(Comments are Numbered to Correspond with Topics Listed Above)

1. Permits

Some roof and floor samples taken from the Upper Sunnyside, Aberdeen, and Gilson seams in 1981 indicated a potential problem with acid-forming materials and high SAR values. Subsequent reviews of the MRP required a program of monitoring the roof, floor, and mid-seam. The plan contains a commitment to sample roof and floor material in all four coal seams in the most recently mined areas, and these would be analyzed for identification of potential acid, toxic, and alkaline producing materials. There is no time frame included in the plan for completion of this work. One of the permit stipulations was that results of recent sampling of roof and floor material from active mine locations be included in the plan.

Page 192 of the plan commits to sampling "...the mid-seam of all four coal seams in addition to the roof and floor materials on an annual basis or more frequently if mining operations change...". This is to be done in conjunction with the new Graves lease. The plan contains a list of several parameters for which these samples would be analyzed. The cover letter for the 1991 annual report states that no tests of the roof, floor, or mid-seam were performed in 1991, so N92-41-2-1 was issued for failing to comply with the provisions of the approved permit.

Andalex has acquired a new lease to mine coal in the Centennial seam to the west of the current permit area and has begun work to have the area permitted.

2. Signs and Markers

The sign at the north entrance to the property had an incorrect address on it. There is some question as to whether this entrance is from a public road, but Mr. Glasson agreed to change the address.

3. Topsoil

Signs have been placed on the substitute topsoil storage areas north and south of the shop/warehouse complex near the Pinnacle Mine. There were two pieces of metal (equipment) on the north area, and the Operator was asked to remove these. In a telephone conversation on April 24, Mr. Glasson informed me that this work had been done.

4. Hydrologic Balance

b. Diversions

We checked the culverts and ditches. Two culverts that had had some silt in them last month had been cleaned. A few of the ditches show some minor erosion, and there was a minor rill next to one ditch near the Aberdeen loadout. Mr. Glasson informed me by telephone on April 24 that this had been repaired.

c. Sediment Pond and Impoundments

The annual report contained the annual certified inspections of the ponds. The first quarter inspection reports were checked, and no problems were noted other than a secondary inlet to pond E that needed to be cleaned of silt and debris. This problem was not found in our field inspection.

INSPECTION REPORT

(Continuation sheet)

Page 3 of 3

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DATE OF INSPECTION: April 21, 1992

e. Surface and Groundwater Monitoring

The only first quarter site that had water and was sampled was well 1. Some of the parameters identified in the plan to be tested were not on the laboratory report. I telephoned the laboratory to ask them to check to see if the analyses had been performed, and Mr. Glasson told me by telephone that he had received a message that the lab would be sending a corrected report. When this report is received by the Division, it will be checked to be sure that the plan was followed.

None of the results of the laboratory analysis of the water from well 1 indicated any problems.

f. Effluent Limitations

Results for first quarter UPDES monitoring were not yet available. Samples taken in the fourth quarter of 1991 showed no exceedances.

We took samples of the mine water discharge in the stream channel at the point where the water leaves the permit area. No water other than the mine water was flowing into any of the culverts.

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: April 24, 1992