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007/019#5

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

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**INSPECTION REPORT**

INSPECTION DATE & TIME: 12-9-87  
9:30 am - 4:30 pm

Permittee and/or Operators Name: Andalex Resources  
Business Address: P.O. BOX 902  
Mine Name: Centennial Project Permit Number: ACT/007/019  
Type of Mining Activity: Underground  Surface  Other   
County: Carbon  
Company Official (s): Mike Gleason  
State Official(s): Holland Shepherd, Daron Haddock  
Partial:  Complete:  Date of Last Inspection: 12-9-87  
Weather Conditions: Cold - sunny  
Acreage: Permitted 2360 Disturbed 31 Regraded 0 Seeded 0 Bonded 31  
Enforcement Action: none

**COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS**

	YES	NO	N/A	COMMENTS
1. PERMITS	( x )	( )	( )	( x )
2. SIGNS AND MARKERS	( x )	( )	( )	( )
3. TOPSOIL	( x )	( )	( )	( )
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	( x )	( )	( )	( )
b. DIVERSIONS	( 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 AND SPOIL	( x )	( )	( )	( )
7. COAL PROCESSING WASTE	( x )	( )	( 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 )	( )	( )	( x )
15. CESSATION OF OPERATIONS	( )	( )	( x )	( )
16. ROADS				
a. CONSTRUCTION	( x )	( )	( )	( x )
b. DRAINAGE CONTROLS	( x )	( )	( )	( )
c. SURFACING	( x )	( )	( )	( )
d. MAINTENANCE	( 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 12-9-87

(Comments are Numbered to Correspond with Topics Listed Above)

1. Permitting

The operator was issued a new permit on 3-2-87. Special permit condition on attachment A. required the submittal of a comprehensive well-organized packaged by March 24, 1987. At this time the Division is unsatisfied with the revisions that have since been submitted relative to the special condition.

The operator and Division personnel are currently negotiating a resolution to the problem. The operator will be given a new time frame in which to complete the next revision. The deadline will be set in an NOV to be issued this week.

4.c Sediment Ponds:

1) Andalex's sediment ponds have been certified on 1-3-85. The certification states that the ponds have been constructed in accordance with the regulatory requirements.

Ponds A, B and C are certified. Pond A however, is no longer used as a sediment pond facility. Approval to remove pond A from the sediment control system was granted to the operator via a Division letter dated 4-23-87.

2) The operator inspects the sediment ponds quarterly. Pond inspections are current through 9-15-87. The operator indicates that some settling occurred at the base of the pond C standpipe. Also, concrete has been poured onto the pond C inlet to help in armoring that structure.

3) I have asked the operator to repair two damaged dikes in the sediment pond by the 1st week of January 1987. The dikes were damaged this fall during a large event storm. The operator had asked, earlier, that repair of the dike be postponed until the sediment in the pond could be removed to an approved location.

The Division is considering a policy for the emergency removal of sediment pond wastes (see memo dated 11-25-87 and addressed to Title V Technical Staff).

Copy of this Report:

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

Given to: Joe Helfrich, Daron Haddock (DOG)

Inspectors Signature and Number: *John Depledge* #9 Date: 12-23-87

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PERMIT NUMBER: ACT/007/009

DATE OF INSPECTION 12-9-87

(Comments are Numbered to Correspond with Topics Listed Above)

The operator may be allowed to take sediment pond wastes to a landfill providing tests are made to insure that they are nontoxic and nonacid forming. Andalex is currently having pond B sediment tested. After the test results are back, and contingent upon Division approval, the operator will either move the wastes to an area which is permitted or move them to an approved landfill.

Sediment pond B is designed such that all drainage will enter sediment pond C before finally discharging. No discharges from pond C have occurred this year.

4.e Surface and Groundwater Monitoring:

The third quarter's monitoring analysis has been submitted to the Division as of 10-5-87. During this time period well #1 and S25-1 were analyzed but all other sample sites were listed as having no flow.

16.a Road Construction:

I have requested that the operator certify the main haul road entering the Andalex site. Road certification should follow the requirements of UMC 817.150 (d)(1). Road certification should be completed before the next complete inspection.

4.f Effluent Limitation:

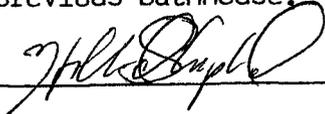
The operator's NPDES DMR's are up-to-date. Submittals have been made through the 3rd quarter of 1987. No discharges have been recorded for 1987.

14. Subsidence Control:

A letter from Surveyor, Bruce T. Ware to the operator indicates that the survey points have not moved since initial installation. Mr. Glasson indicated to me that he had asked Mr. Ware for more information regarding the initial surveyed data so that a comparison could be made, during my next inspection, between the initial and the most current data.

18. Support Facilities:

The operator is currently completing work on a reconstructed bathhouse south of the tipple. The operator submitted a letter, to the Division on August 25, 1987, indicating the bathhouse would be in the same location and have the same dimensions as the previous bathhouse.

Inspectors Signature and Number:  #9 Date: 12-23-87