



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

pgl

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Michael O. Leavitt
Governor
Lowell P. Braxton
Division Director

Partial: XXX Complete: Exploration:
Inspection Date & Time: 8/26/99 / 8:30a.m. - 11:00a.m.
Date of Last Inspection: 7/21/99

Mine Name: West Ridge Mine County: Carbon Permit Number: ACT/007/041
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): Jean Semborski
State Officials(s): Peter H. Hess Federal Official(s): None
Weather Conditions: Sunny, Hot, 80's
Existing Acreage: Permitted- 2650.67 Disturbed- 29 Regraded- Seeded- Bonded- 29
Increased/Decreased: Permitted- Disturbed- Regraded- Seeded- Bonded-
Status: Exploration/ Active/ Inactive/ Temporary Cessation/ Bond Forfeiture
Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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 type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. WATER MONITORING | <input type="checkbox"/> | <input type="checkbox"/> | <input 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 checked="" 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 VALUES | <input checked="" 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 checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. CESSATION OF OPERATIONS | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16. ROADS: | | | | |
| a. CONSTRUCTION/MAINTENANCE/SURFACING | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| b. DRAINAGE CONTROLS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 17. OTHER TRANSPORTATION FACILITIES | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. SUPPORT FACILITIES/UTILITY INSTALLATIONS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 19. AVS CHECK (4th Quarter-April, May, June)_____ (date) | <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)

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PERMIT NUMBER: ACT/007/041

DATE OF INSPECTION: 8/26/99

(Comments are Numbered to Correspond with Topics Listed Above)

The following activities were taking place at the construction site this day.

- 1) Fabrication of the water supply tank was taking place in the upper yard, (the tank location has been moved from what is depicted on the proposed surface facilities map).
- 2) A track hoe was excavating material in the highwall area.
- 3) Construction of the reclaim tunnel/conveyor is ongoing. The initial concrete pour has been made, and conveyor structure is in place; feed chutes for the reclaim feeders have been started.
- 4) Two pairs of concrete pilings for the overhead conveyor support structure were observed, with another pair under construction in the left hand fork. A large crane is on site to begin the assembly of the conveyor.
- 5) The construction of an inlet culvert under the length of County road which is within the disturbed area perimeter of the Mine to Cell "B" of the series configuration sediment pond was ongoing. Riprap was being placed at the outlet of DC-12, (See Map 7-2, Mine Site Drainage Map).

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

The permittee has had two permit amendments undergoing processing within the UDNR/OGM. The status of each is as follows:

- 1) ACT/007/041-AM99B, Topsoil Test Plot Amendment, approved effective 8/19/99. Notice of approval was received in the PFO on 8/30/99.
- 2) ACT/007/041-AM99C, Amendment to address 99-46-1-1, "Side casting Material without Proper Approvals" is currently under review.

4a. HYDROLOGIC BALANCE: DIVERSIONS

Based on permittee feedback, the parking area has been established to design grade. The permittee now needs to install the ditch/culvert diversion which routes the flow designated as "UD-Z" (eastern edge of parking lot area). Ditch UD-Z carries undisturbed drainage from watershed UA-PP to culvert UC-PP, where it flows thence off the disturbed area through the natural channel. At this point, riprap has been placed at the base of the eastern slope drainage where it intersects the parking area; there the drainage dead ends. The flow path needs continuation so the undisturbed runoff can report to the natural drainage below. Ms. Semborski indicated that the area of UA-PP is approximately ten acres; it was suggested that the establishment of this diversion be given a priority rating prior to receiving a significant flow.

4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

A large portion of the earth work has been completed for the construction of the dual cell sediment pond. Mr. Dan Guy, P.E., Blackhawk Engineering has conducted engineering inspections of the compaction/construction process for the impounding embankments. Water bars are still being used to route some pad drainage into the cells; the construction of the permanent diversions to perform same is still underway. The following items need completion to render the containment cells fully operational.

- 1) the primary and emergency spillways in Cell "B" need to be surveyed, altered to their correct respective discharge elevations and have their oil skimmers installed. Their current discharge elevation is very nearly equal to the elevation of the impounding embankment.

INSPECTION REPORT
(Continuation sheet)

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PERMIT NUMBER: ACT/007/041

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- The emergency spillway from Cell "A" to Cell "B" has been roughed in but needs completion.
- 2) the inlet to Cell "A" is in place and has been ripped; its upper end has been bermed so as to not allow flow into the pond. The drainage pattern for the Mine appears, at this point, to be very near grade/flow pattern, therefore it is recommended that this inlet be opened up to function as designed.
 - 3) design verification and P.E. certification.

The diversions at the site are under construction, or in place but not yet functional, or not yet built. The method and sequence by which the permittee incorporates these into the approved flow configuration for the site must be carefully thought through so that all disturbed runoff is treated according to SMCRA guidelines. Temporary methods to route drainage into the ponds prior to full implementation of the permanent controls must be maintained (i.e., the water bar at the western corner of Cell "B" was noted as needing enhancement this day).

With the unusually wet season the area is experiencing this summer, it is imperative that the permittee take extraordinary precautions to prevent untreated flows from leaving the site.

16a. **ROADS: CONSTRUCTION/MAINTENANCE/SURFACING**

The completion of the drainage controls under that portion of the County road which accesses the truck loading loop/coal reclaim area is priority one. Establishment of final grade in this area must be obtained before any surfacing of the loop can be started. Mr. Shaver indicated that the paving work should begin shortly.

16b. **ROADS: DRAINAGE CONTROLS**

Three silt fences have been installed in the ditch designated as UD-15 to treat any flows from watershed UA-15 prior to same entering the undisturbed channel through the County Road culvert. The fences are outside of the Mine's disturbed area perimeter and are the responsibility of the Carbon County Road Department.

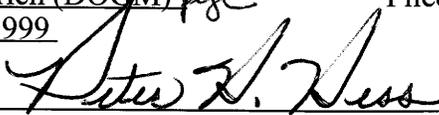
18. **SUPPORT FACILITIES/UTILITY INSTALLATIONS**

The construction of the Mine's main substation is still underway.

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

Copy of this Report:

Mailed to: Jean Semborski (Andalex) Henry Austin (OSM)
Given to: Joe Helfrich (DOGMA) pgl Filed to: Price Field Office
Date: August 31, 1999

Inspector's Signature:  #46
Peter H. Hess