



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## INSPECTION REPORT

1594 West North Temple, Suite 1210  
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Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

Michael O. Leavitt  
Governor  
Lowell P. Braxton  
Division Director

Partial: XXX Complete:     Exploration:      
Inspection Date & Time: 5/18/99 / 9:00a.m.-12:00p.m.  
Date of Last Inspection: 4/8/99

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, Dave Shaver, Bill Engels  
State Officials(s): Peter Hess, Sharon Falvey, Bob Davidson Federal Official(s): None  
Weather Conditions: Sunny, Warm  
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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 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 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 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 (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: 5/18/99

(Comments are Numbered to Correspond with Topics Listed Above)

The following individuals attended today's inspection:

- 1) Mr. Robert Davidson, Soils Scientist/Reclamation Specialist, DOGM SLO
- 2) Ms. Sharon Falvey, Senior Reclamation Hydrologist, DOGM SLO
- 3) Mr. Bill Engels, P.E., Intermountain Power Agency
- 4) Mr. Dave Shaver, Senior Mine Planning Engineer, West Ridge Project
- 5) Ms. Jean Semborski, Senior Environmental Engineer, West Ridge Project
- 6) Mr. Mark Greenhall, Construction Superintendent, Nielsen Construction, West Ridge Project
- 7) Peter Hess, Reclamation Specialist III, DOGM PFO

2. SIGNS AND MARKERS

Ms. Semborski informed me this day that the installation of the permanent disturbed area markers (steel "T" posts) about the site's perimeter will be initiated by summer employee(s) very shortly.

ACT/007/041-99A, relative to same, was approved by the Division on May 10, 1999.

3. TOPSOIL

Mr. Bob Davidson had a couple of concerns, which he and Mr. Shaver have tentatively worked out. These are:

- 1) Vehicles have been parked on ground which has not been stripped of topsoil. Mr. Shaver agreed to discontinue parking in these particular area(s), until the recoverable topsoil was removed. There was no lubricant contamination of soil noted in the area. Mr. Davidson's concern is relative to the pulverization of the soil particles by vehicles.
- 2) Mr. Davidson indicated that the approved MRP had not been followed with regard to the topsoil test plot area. The problem lies with the compaction in this area, as it will compare to the compaction in the pad area. It is Mr. Davidson's intent to have Mr. Bob Postle, OSM-Denver, visit the site for his input on the area.

4A. HYDROLOGIC BALANCE: DIVERSIONS

Site construction has progressed to the point in the right fork of "C" Canyon that the laying of the undisturbed by-pass culvert has been initiated. As observed today, the inlet apron and approximately 30 feet of culvert had been installed. Fill was being placed and compacted over this section during the inspection.

Mr. Shaver is aware that a "stream buffer zone" sign needs to be placed in this area.

**INSPECTION REPORT**  
(Continuation sheet)

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5. EXPLOSIVES

Although the approved mining and reclamation plan meets the necessary R645 requirements for using explosives at the site, the contractor has not felt the need to use same. Boulder breakage is accomplished by using a hydraulic point on a trackhoe.

Mr. Greenhall has indicated that explosive usage at the site, should it be needed, will be minimal.

16A. ROADS: CONSTRUCTION/MAINTENANCE/SURFACING

The black top surfacing of the Carbon County road to the West Ridge Mine site continues at a hectic pace. Valley Asphalt, Inc. of Wellington, Utah is the contractor.

Nielsen Construction continues with the filling, spreading, and compacting requirements at the NE end of the road.

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 (DOGM) Filed to: Price Field Office

Date: May 21, 1999

Inspector's Signature:  #46  
Peter H. Hess