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U. S. DEPT. OF THE INTERIOR

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OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

Mine-Site Evaluation Inspection Report



JAN - 9 1995

DIV OF OIL, GAS & MINING

1. Permittee/Person  
**ANDALEX RESOURCES, INC.**

2. Address  
**P. O. BOX 902**

3. City **PRICE** 4. State **UT**

5. Zip Code **84501** 6. Phone Number **801-637-5385**

7. Operator if Different than Permittee

8. Mine Name  
**CENTENNIAL PROJECT**

9. Permit Number  
**UT-007-019**

10. Type  
 a. Permit **PP** b. RA **S**

11. Inspection Date **12/28/94** 12. Inspection Type **C** 13. Joint Inspection **Y** Y/N

14. Permit Status **A** 15. Site Status **AP** 16. Facility Type **B**

17. OSM Office # **020** 18. RSI # **267** 19. Land Code **F**

20. M.S.H.A. ID # **42-01474** 21. State Code **49** 22. County Code **007**

23. AVS Permittee Entity ID Number **123355** 23b. State Office

24. Performance Standard Categories

Codes: 1=Compliance, 2=Noncompliance, 3=Not Planned, 4=Not Started, 5=Noncompliance Identified Elsewhere

**A. Administrative**  
 1. 1 Mining within Valid Permit  
 2. 1 Mining within Bonded Area  
 3. 1 Terms & Conditions of Permit  
 4. 1 Liability Insurance  
 5. 1 Ownership and Control  
 6. 1 Temporary Cessation

**B. Hydrologic Balance**  
 1. 1 Drainage Control  
 2. 1 Inspections & Certifications  
 3. 1 Siltation Structures  
 4. 1 Discharge Structures  
 5. 1 Diversions  
 6. 1 Effluent Limits  
 7. 2 Ground Water Monitoring  
 8. 1 Surface Water Monitoring  
 9. 1 Drainage -- Acid-Toxic Materials  
 10. 1 Impoundments  
 11. 3 Stream Buffer Zones

**C. Topsoil & Subsoil**  
 1. 1 Removal  
 2. 1 Substitute Materials  
 3. 1 Storage and Protection  
 4. 1 Redistribution

**D. Backfilling & Grading**  
 1. 1 Exposed Openings  
 2. 1 Contemporaneous Reclamation  
 3. 1 Approximate Original Contour  
 4. 1 Highwall Elimination  
 5. 3 Steep Slopes (includes downslope)  
 6. 1 Handling of Acid & Toxic Materials  
 7. 1 Stabilization (rills and gullies)

**E. Excess Spoil Disposal**  
 1. 3 Placement  
 2. 3 Drainage Control  
 3. 3 Surface Stabilization  
 4. 3 Inspections & Certifications

**F. Coal Mine Waste (Refuse Piles/Impoundments)**  
 1. 3 Drainage Control  
 2. 3 Surface Stabilization  
 3. 3 Placement  
 4. 3 Inspections and Certifications  
 5. 3 Impounding Structures

**G. Use of Explosives**  
 1. 3 Blaster Certification  
 2. 3 Distance Prohibitions  
 3. 3 Blast Survey/Schedule  
 4. 3 Warnings & Records  
 5. 3 Control of Adverse Effects

**H. 1 Subsidence Control Plan**

**I. Roads**  
 1. 1 Road Construction  
 2. 1 Certification  
 3. 1 Drainage  
 4. 1 Surfacing and Maintenance  
 5. 1 Reclamation

**J. Signs & Markers**  
 1. 1 Signs  
 2. 1 Markers

**K. 1 Distance Prohibitions**

**L. Revegetation**  
 1. 1 Vegetative Cover  
 2. 1 Timing

**M. 1 Postmining Land Use**

**N. Other**  
 1) \_\_\_\_\_  
 2) \_\_\_\_\_  
 3) \_\_\_\_\_

**25. Inspection Frequency**

a. Date of Last State Complete Inspection **12/09/94**

Frequency for previous 4 Calendar Qtrs.

b. Number of required complete inspections **4** Number of complete inspections conducted **4**

c. Number of required partial inspections **8** Number of partial inspections conducted **8**

**26. Inspection Hours**

a. Permit Review **12.0**

b. Inspection Time **6.0**

c. Travel Time **12.0**

d. Report Writing **2.0**

**27. Bonded Acres**

a. Total bonded **34.0**

b. Phase I released **0.0**

c. Phase II released **0.0**

d. Phase III released **0.0**

**28. Acres**

a. Permitted **5093.0**

b. Disturbed (Estimated) **34.0**

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 Revised July 1, 1993

# U. S. DEPT. OF THE INTERIOR

## OFFICE OF SURFACE MINING RECLAMATION AND ENFORCEMENT

### Mine-Site Evaluation Inspection Report

Permit Number UT-007-019

Inspection Date 12/28/94

#### 29. Identified Violation Data.

For inspection types C (Complete Random Sample) and SC or SP (Complete or Partial In-depth Review), list all violations present during the current Federal inspection and all violations, cited or uncited, identified in the last State complete inspection report. For any other inspection type, including Federal program inspections, list only violations observed during the current inspection or subject of current Federal follow-up actions.

B Per. Std. Category	C Abated (Y/N)	D State Action	E Reason if Uncited	F Cause	G Seriousness		I OSM Action	J OSM Action Number		K Optional
					PEO	Impact				
A. Specific State Law/Regulations Violated: <u>R645-301-731.200</u> Description: <u>FAIL TO CONDUCT GROUND WATER MONITORING</u>										
1	B7	N	1		4	1	1	1		
A. Specific State Law/Regulations Violated: _____ Description: _____										
2										
A. Specific State Law/Regulations Violated: _____ Description: _____										
3										
A. Specific State Law/Regulations Violated: _____ Description: _____										
4										
A. Specific State Law/Regulations Violated: _____ Description: _____										
5										
A. Specific State Law/Regulations Violated: _____ Description: _____										
6										
A. Specific State Law/Regulations Violated: _____ Description: _____										
7										

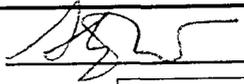
- |  |   |  |  |
|--|---|--|--|
| <b>D. State Action</b><br>1) Existed on LSCI, Cited<br>2) Existed on LSCI, Not Cited<br>3) Cited Prior to LSCI, Abatement Pending<br>4) Occurred Since LSCI<br>5) N/A Federal Program<br>6) N/A Permit Defect  | <b>E. State's Reason for not Citing Violation</b><br>1) Not a Violation<br>2) Precluded by State Policy<br>3) Not Included under State Program<br>4) Warning Given in Lieu of a Citation<br>5) Violation Not Recognized<br>6) Practice Allowed under Approved Permit<br>7) Too Minor to Cite<br>8) Working with Operator to Correct<br>9) Other _____ | <b>F. Cause</b><br>1) Permit Defect<br>2) Unusual Weather Conditions<br>3) Unofficial Waiver<br>4) Operator Negligence<br>5) Other _____ | <b>G. Probability of Event Occurrence</b><br>1) None or Unlikely<br>2) Likely<br>3) Occurred |
| <b>H. Impact</b><br><b>Damage Remains Within the Permit Area</b><br>1) None or Minor<br>2) Moderate<br>3) Considerable<br><b>Damage Extends Beyond the Permit Area</b><br>4) None or Minor<br>5) Moderate<br>6) Considerable<br><b>Obstruction to Enforcement</b><br>7) None or Minor<br>8) Moderate<br>9) Considerable                                  |   |  |  |
| <b>I. OSM Action This Inspection</b><br>1) Deferred to State Action<br>2) TDN Issued<br>3) NOV Issued<br>4) FTA-CO Issued<br>5) IH-CO Issued (Imminent Environmental Harm)<br>6) ID-CO Issued (Imminent Danger to Public)<br>7) Previously Cited by RA, Abatement Pending<br>8) Abated during or before OSM Inspection<br>9) Follow-up of Federal Action |   |  |  |

**30. Signature**  
  
 Inspector's Signature

**HENRY AUSTIN** 1/4/95  
 Inspector's Printed Name

31. OSM Inspector ID# 116

Dated: 01/03/95

Reviewing Official:   
 Review Date: 1/5/95

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Revised July 1, 1993

Andalex Resources, Inc.  
P.O. Box 902  
Price, Ut 84501

Centennial Project  
Random Sample Inspection  
December 28, 1994

Participants:  
Mike Glasson, Andalex  
Steve Demczak, DOGM  
Henry Austin, OSM

Participated in a complete random sample inspection of the above operation. Weather conditions included dense fog and freezing temperatures; and ground conditions were completely snow covered and icy making detailed observations of the site impossible.

I began the inspection in the Utah Division of Oil, Gas and Mining ( DOGM ) Salt Lake City office on 12/27/94. I reviewed the inspection/enforcement files and correspondence file including the following: Left Fork Fan Breakout Application ( deficiency response due from Andalex on 1/20/95; 7/7/94 DOGM Final Findings and Supporting Documentation for addition of the Aberdeen Seam to the AEP Lease; 12/16/94 DOGM letter to Andalex approving drainage control plan for Aberdeen Coal Stockpile ( culvert addition ); 8/19/94 DOGM letter to Andalex initiating the Midterm Permit Review; Liability insurance certificate current through 7/1/95; and current UPDES Discharge Monitoring Reports.

Mr. Demczak and myself began the minesite review on 12/28/94. We confirmed the current bond amount at \$ 1,080,839.00; surface and groundwater monitoring was current with the exception of sampling ground water from well #1 as approved in the permit. This violation had been cited by DOGM during a 12/09/94 inspection as NOV 94-39-4-1, and the abatement date is 1/16/94. The SPCC plan was recertified 6/10/93; current subsidence monitoring plan was dated 6/29/94; Quarterly sediment pond inspections werre current through 9/31/94 and annual pond recertification was current through 11/10/94. We checked on the status of the current permit ( 1/6/92 ) stipulations and all stipulations have been resolved.

As indicated above, minesite observations were restricted due to snow cover. Sediment ponds were not discharging and haul roads were clear. Mr. Demczak and I made observations of the roadway from highway 6 in Price, Ut to the minesite.

We then discussed the history of the road with Mr. Glasson during the inspection. According to Mr. Glasson the road was constructed and completed during 1986 ( approx. ) with both Federal funding and Carbon County community impact funding. The Federal funding portion of the road ends, and is marked " End Route 1324 " just past the airport at the truck turnaround/gravel stockpile area. From this turnaround to the minesite gate is approx. 5.5 miles and Mr. Glasson referred to the entire roadway from highway 6 as Carbon County Road # 299. Mr. Glasson indicated that a B.L.M. right of way was involved for part or all of the roadway from highway 6 ( This has not been confirmed with B.L.M. ). He also indicated that since 1986 the entire roadway, including through the minesite, has been chipsealed at least twice and probably three times by Carbon County. One hundred percent of road maintenance and snow removal has always been funded and completed by Carbon County. In addition, Mr. Glasson indicated that Savage Brothers Trucking ( contract truckers for the mine ) also helped the County with snow removal. This concluded the inspection.

The currently approved permit package is available for inspection at the Carbon County Courthouse in Price, Ut according to Mr. Demczak. This was not confirmed during the inspection.

Performance standards indicated as not applicable do not exist on site.