



The State of Utah

Department of  
Natural ResourcesDivision of  
Oil, Gas & MiningROBERT L. MORGAN  
*Executive Director*LOWELL P. BRAXTON  
*Division Director*OLENE S. WALKER  
*Governor*GAYLE F. McKEACHNIE  
*Lieutenant Governor*

## Representatives Present During the Inspection:

OGM	Pete Hess	Environmental Scientist III
Company	Scott Dimick	Superintendent

**Inspection Report**

Permit Number:	C0070033
Inspection Type:	COMPLETE
Inspection Date:	Tuesday, October 05, 2004
Start Date/Time:	10/5/2004 9:50:00 AM
End Date/Time:	10/5/2004 12:00:00 PM
Last Inspection:	Thursday, September 09, 2004

Inspector: Pete Hess, Environmental Scientist IIIWeather: Clear, cool; 50's F.InspectionID Report Number: 420Accepted by: whedberg  
11/2/2004Permittee: **ANDALEX RESOURCES INC TOWER DIVISION**Operator: **ANDALEX RESOURCES INC TOWER DIVISION**Site: **WILDCAT LOADOUT**Address: **PO BOX 902, PRICE UT 84501**County: **CARBON**Permit Type: **PERMANENT COAL PROGRAM**Permit Status: **ACTIVE**

## Current Acreages

100.00	<b>Total Permitted</b>
63.70	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

## Mineral Ownership

- Federal  
 State  
 County  
 Fee  
 Other

## Types of Operations

- Underground  
 Surface  
 Loadout  
 Processing  
 Reprocessing

**Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:**

The current State permit was issued to Andalex Resources, Inc. for the Wildcat Loadout on May 5, 2004. As part of that permit, Attachment "A", Special Permit Conditions, continues to list the requirement that all water monitoring information must be submitted to the Division EDI site in an electronic format. The permittee continues to meet this requirement, as confirmed by an E-mail from the Division to the permittee's authorized representative (Mike Glasson) indicating that all second quarter 2004 water monitoring information for the Wildcat loadout had been successfully uploaded on September 30, 2004.

Inspector's Signature

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date

Tuesday, October 05, 2004

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
telephone (801) 538-5340 facsimile (801) 359-3940 TTY (801) 538-7223 [www.ogm.utah.gov](http://www.ogm.utah.gov)

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**Inspection Continuation Sheet**

**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
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 checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 Issues	<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 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.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

The State permit issued by the DOGM was renewed on May 5, 2004. The current UPDES permit remains in effect until April 30, 2008.

**3. Topsoil**

The topsoil piles which are adjacent to ponds A, E, and F were examined for the presence of wind borne coal fines; all piles were clean, and did not contain any presence of fines. All retention berms are in place and appear to be functioning as designed. Piles A and F have cover although much of that consists of weeds, or dead vegetation. The piles located north of sediment pond F have a fair amount of cover, again with much of that consisting of weeds. Bare soil is exposed on these piles; these soils are crusted, however, and there is no evidence of wind or water erosion of the resource.

**4.a Hydrologic Balance: Diversions**

The inlet to the 15-inch corrugated metal pipe which is designated as C-9a (See PLATE 2, Wildcat Loadout Surface Drainage and Topography) and which reports intercepted flow directly to sediment pond "A" was observed to be nearly blocked. Mr. Joe Baker indicated that the site received approximately 0.5 inches of rainfall on September 29, 2004. Mr. Dimick agreed to remove the washed coal material from the culvert inlet.

**4.b Hydrologic Balance: Sediment Ponds and Impoundments**

Mr. Dan Guy, P.E., of Blackhawk Engineering Company conducted the third quarter of 2004 impoundment inspections for the sites six UPDES impoundments, the permanent impoundment and the depression area on August 31, 2004. Mr. Guy's inspections did not report any signs of instability or other hazards for any of the ponds, or other impounding areas. Minor erosion was noted as existing on the northwest corner of sediment pond B. All ponds were noted as dry on August 31. As noted this day, all ponds contained water (September 29, 2004 event, reported by Joe Baker). There were no signs of instability noted; all ponds appeared to be functioning as designed.

**7. Coal Mine Waste, Refuse Piles, Impoundments**

Mr. Dan Guy, P.E., performed the third quarter 2004 waste rock pile inspection for the permittee on August 31, 2004; the required P.E. certification of the report completed for that inspection was completed by Mr. Guy on the same day. There were no safety hazards noted; all slopes are stable. As noted this day, no hazards were apparent. There was no evidence of spontaneous combustion in the area of the pile.

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**20. Air Quality Permit**

Access roads which were being utilized by trucks and loaders were in a well graded, compacted condition. Although opacity readings were not measured behind tramming equipment, what dust was visible appeared to be well below the 20 % opacity limits permitted via DAQE-005-00 (page 4, condition #10). (See photos DSCN0828 and 0837, "O" drive, 007033WCL, Images, Road Dust taken on October 5, 2004).

**22. Other**

Due to the event received at the site on September 29, 2004, there is some minor erosion around the site which the permittee should address when time permits. None of the noted areas were significant to the point that an enforcement action was necessary. All areas noted report to sediment ponds.