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# State of Utah
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DIVISION OF OIL, GAS AND MINING

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July 26, 2000

TO: Internal File

THRU: Daron Haddock, Permit Supervisor DRH

THRU: Pam Grubaugh-Littig, Permit Supervisor SMW for

FROM: James D. Smith, Reclamation Specialist JDS

RE: Final Status of Water Monitoring - Midterm Review and Review of 1999, 1998, 1996, 1995, and 1994 Annual Reports, Andalex Resources, Inc., Centennial Mine, ACT/007/019, and Wildcat Loadout, ACT/007/033

## SUMMARY:


Starting with a review of the 1998 Annual Reports for the Centennial Mine and Wildcat Loadout, it became evident that the Division of Oil, Gas and Mining (DOGM) has not received Discharge Monitoring Reports (DMR) or operational monitoring reports of water-quality and quantity from these operations on a consistent basis. Much of the missing information was received in November 1999, additional data were received in January 2000; however, data are still lacking. The missing data were either never collected or have been lost. A Notice of Violation (NOV) was issued on January 13, 2000 because of these missing data, for failure to follow the approved mining plan and hindrance of inspection.


## TECHNICAL ANALYSIS:

### Operational Monitoring and Annual Reports

A memo dated August 5, 1999 listed missing quarterly operational water-monitoring data and Discharge Monitoring Reports for the Centennial Mine and Wildcat Loadout. Data were missing as far back as 1993. The 1997 Annual Report could not be found. In a phone conversation on July 26, 1999, Mike Glasson agreed to send copies of these missing data. A large package of data was received in November 1999; however, there were still data missing. After a second memo on December 19, 1999, which included a recommendation for an NOV for failure to follow the mining plan, additional data were received on January 10, 2000, but data are still lacking (Table 1). An NOV was issued to Centennial on January 13, 2000 for failure to

follow the approved mining plan and hindrance of inspection. Third quarter 1989 data for Wildcat WCW4 were received by fax on January 14, 2000.

**Table 1 - Missing Operational Water Quality Data as of January 2000**

| | | Lab Analysis Reports | Field Measurements |
|---|---|---|---|
| Well #1 | 1999 | 2nd quarter | 2nd quarter |
| | 1998 | 1st and 2nd quarters | 1st and 2nd quarters |
| | 1997 | 1st, 2nd, and 4th quarters (Annual report missing) | 2nd and 4th quarters |
| | 1996 | 2nd quarter | |
| | 1995 | | |
| | 1994 | 3rd quarter | 3rd quarter |
| 12-1 (Alrad Cyn.) | 1995-1999 | All | All |

Andalex has been unable to locate these missing data, so the data either were never collected or have been lost and there seems little possibility of ever obtaining them.

**UPDES Discharge Monitoring Reports (DMR)**

**CENTENNIAL MINE**

Centennial DMRs that are missing:

UPDES 004 September 1999.

**WILDCAT LOADOUT**

Wildcat Loadout DMRs that are missing:

UPDES 001, 003, 004, 005, and 006: April 1997 through July 1997;

UPDES 002: April through June 1997;

UPDES 001, 002, 003, 004, 005, and 006: September 1999.

Based on the rarity of discharges at Wildcat, it is probable that there was no discharge during September 1999 reported.

It is not clear that the Wildcat Loadout is included in the statement in the September 1, 1999 letter from Andalex to DWQ that there was no discharge at the minesite between August 1, 1998 and August 31, 1999, but it is probable there were no discharges at Wildcat during this period.

**RECOMMENDATION:**

An NOV has been issued. There is little likelihood that the missing data will be found, so at this time no further action is recommended.

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