

# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

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January 8, 2004

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: Gregg A. Galecki, Reclamation Specialist III

RE: 2003 Third Quarter Water Monitoring, Andalex Resources, Inc., Centennial Project, C/007/0019-WQ03-3, Task ID #1724

1. Was data submitted for all of the MRP required sites? YES [ X ] NO [ ]

2. On what date does the MRP require a five-year re-sampling of baseline water data.

*See Technical Directive 004 for baseline resampling requirements. Consider the Five Year Baseline resubmittal when responding to question one above. Indicate if the MRP does not have such a requirement*

**Resampling due date 09/04/2006**

The MRP commits to sampling baseline water parameters one year prior to the renewal date.

The next renewal submittal is due 09/04/2006, for renewal on 04/04/2007.

3. Were all required parameters reported for each site? YES [ X ] NO [ ]

4. Were irregularities found in the data? YES [ X ] NO [ ]

Of 14 monitoring sites, eleven (11) sites demonstrated 'No Flow'; leaving three (3) sites submitted for lab analysis (Springs B351 and S18-1, and Well #1).

Since September 1998, the water level in Well #1 has steadily dropped from a depth of 60-feet to 73-feet, respectively. The water level in September 2003 was 75-feet.. This condition will continue to be monitored.

Flow at Spring S18-1 remained at 2 gpm, similar to last quarter (1<sup>st</sup> quarter flow values were abnormally high). Specific Conductivity and TSS returned to close to anticipated parameters. Dissolved magnesium and Chloride values remained higher than normal,

**5. Were DMR forms submitted for all required sites?**

1<sup>st</sup> month, YES [ X ] NO [ ]  
2<sup>nd</sup> month, YES [ X ] NO [ ]  
3<sup>rd</sup> month, YES [ X ] NO [ ]

**6. Were all required DMR parameters reported?**

YES [ X ] NO [ ]

DMR sites UT0040008 001 through 004 were reviewed. No discharges occurred.

**7. Were irregularities found in the DMR data?**

YES [ ] NO [ X ]

No irregularities were noted.

**8. Based on your review, what further actions, if any, do you recommend?**

No further action is necessary for the 2003 3rd Quarter Water Monitoring data.