

April 14, 2003

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor

FROM: Gregg A. Galecki, Reclamation Specialist III

RE: 2002 Fourth Quarter Water Monitoring, Andalex Resources, Inc., Centennial Project, C/007/019-WQ02-4

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 required monitoring sites, thirteen (13) sites (4 springs, 9 streams, 1 well) demonstrated 'No Flow'; Spring B351 is consistently the only site with flow, that has been dry during the 4th quarter during the last five years (Well #1 and Spring B351).

From September 1998 through March 2002, the water level in Well #1 had steadily dropped from a depth of 60-feet to 74-feet, respectively. This condition showed signs of stabilizing with depths of 72.1-feet, 73.7-feet, and 73.6-feet in the last three (3) quarters, respectively. This site will continue to be monitored.

5. Were DMR forms submitted for all required sites?

1st month, YES [X] NO []
2nd month, YES [X] NO []
3rd month, YES [X] NO []

6. Were all required DMR parameters reported?

YES [X] NO []

DMR sites UT0040008 001 through 004 were reviewed; discharges were observed in November and December.

7. Were irregularities found in the DMR data?

YES [] NO [X]

Aberdeen Mine Discharge Point 004 began discharging continuously November 15, 2002, averaging approximately 50-gpm in November and 60-gpm in December 2002. Total Iron values have averaged less than 50 percent of the 1.0 mg/l limit. Total Dissolved Solids values were 2860 mg/l and 2267 mg/l for November and December (1,733 lbs./day and 1,635 lbs./day, respectively), which is below the 1-ton/day limit. No exceedances of the UPDES permit were reported for either month. Discharge from the Aberdeen Mine is anticipated to continue in the future, and will continue to be monitored.

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

No further action is necessary for the 2002 4th Quarter Water Monitoring data.