



# Fact Sheet

## Ground water Monitoring at the Reclaimed Flambeau Mine Site

### An Overview

- There are 48 wells on and surrounding the Flambeau reclaimed site to monitor quality and depth of ground water.
- Monitoring will continue on the site for 40 years to ensure the ground water is protected.
- Flambeau Mining Company has been, and now is in full compliance with all environmental permits.

### Recent Results from the Monitoring Show ...

- ✓ Water which comes into contact with the backfilled material and then moves to the Flambeau River, contains levels of copper, manganese, sulfate and iron that do not threaten human health and safety or the environment.
- ✓ There is no acid in the water that moves from the backfilled pit toward the Flambeau River. In fact, the pH of the water is well within the pH range of ground water found throughout the surrounding region.
- ✓ The levels of copper sulfate, manganese and iron in the ground water samples are within acceptable levels when compared with computer models submitted to the DNR, and pose no threat to human health and safety or the environment.
- ✓ Copper and sulfate are below the levels predicted by computer modelling of long-term conditions at the Flambeau site. Levels of iron and manganese are temporarily higher than they will be in the long-term and will decrease as long-term equilibrium is reached.
- ✓ The levels of iron and manganese in the samples are more than 1,000 times lower than levels that would result in any detectable change to the Flambeau River.

*promises kept*