

## Barbara Jones

It is shameful that sulfate standards on mine waste are not enforced when the technology to correct the problem exists.

A company based in Babbitt Clearwater BioLogic sulfate reduction system ([www.ClearwaterBioLogic.com](http://www.ClearwaterBioLogic.com)) has the technology ready to develop to scale to address the problem of the unenforced sulfate limits in mining waste water.

The Clearwater BioLogic sulfate reduction system ([www.ClearwaterBioLogic.com](http://www.ClearwaterBioLogic.com)) using biological reduction and DRI (Direct Reduced Iron) treatment is estimated to cost less than \$3 million per year at the Minntac site to meet the wild rice standard downstream. And a big part of this solution uses the DRI pellets that the iron and steel companies themselves are or will be producing. The United Taconite site would cost much less.

This technology is ready to begin implementation now. And furthermore, the biggest cost of sulfate remediation would be the providing of good paying jobs here in NE Minnesota. If we want jobs in NE Minnesota, we can provide jobs by solving the sulfate standoff.