



The Flambeau mine  
is separated from  
the Flambeau River  
by a 140-foot rock  
pillar stronger than  
the Hoover Dam.

***Under [expected] conditions, all of the groundwater flowing through the Type II waste rock in the reclaimed pit will exit the pit through the Precambrian rock in the river pillar and flow directly into the bed of the Flambeau River.***

***Since this flow path is very short and occurs entirely within fractured crystalline rock, there will be little if any dispersion or retardation of the dissolved constituents in the groundwater. The dissolved constituents that will be added to the background crystalline groundwater by the Type II material in the pit will be copper, manganese, iron and sulfate. Since there will be no dispersion, dilution or retardation in the river pillar, the concentrations of these constituents in the groundwater leaving the pit will be the same as the concentrations entering the river bed.***

Kennecott to DNR in 1989  
Mine Permit application.