



Water-Data Report 2008

482604092511801 KABETOGAMA LAKE AT ASH RIVER LANDING near ASH RIVER

Rainy Basin
Rainy Lake Subbasin

LOCATION.--Lat 48°26'04", long 92°51'18" referenced to North American Datum of 1983, St. Louis County, MN, Hydrologic Unit 09030003.

WATER-QUALITY RECORDS

REMARKS.--This site is part of a nutrient cycling study in Kabetogama Lake, Voyageurs National Park. Objectives of this study are to determine if the changes in Kabetogama Lake water levels since a change in rules governing dam operation (2000 rule curves) are affecting algal production (chlorophyll-a) and nutrient enrichment (total phosphorus) in the lake. Another objective is to assess nutrient loading to the lake from inflow sources and the potential contribution of nutrients from lake bottom sediment.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Time	Sample medium and type	Total microcystin, wat unf extract ELISA, µg/L (65210)
Sep			
08...	0903	Surface water, regular	13
10...	1054	Surface water, regular	21