



In cooperation with the Lake St. Clair Regional Monitoring Project

Estimation of Nonpoint-Source Loads of Total Nitrogen, Total Phosphorous, and Total Suspended Solids in the Black, Belle, and Pine River Basins, Michigan, by Use of the PLOAD Model

Scientific Investigations Report 2006-5071

**U.S. Department of the Interior
U.S. Geological Survey**

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By Atiq U. Syed and Richard S. Jodoin

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**U.S. Department of the Interior
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CONVERSION FACTORS AND ABBREVIATIONS

Multiply	By	To obtain
Area		
acre	4,047	square meter (m ²)
square mile (mi ²)	2.59	square kilometer (km ²)
Distance		
mile (mi)	1.609	kilometer (km)
Flow rate		
cubic foot per second (ft ³ /s)	0.028	cubic meter per second (m ³ /s)
Mass per unit time		
Pound per year (lb/yr)	0.454	kilogram per year (kg/yr)

Concentration of chemical constituents in water is given in milligrams per liter (mg/L). A milligram per liter is a unit expressing the concentration of chemical constituents in solution as weight (milligrams) of solute per unit volume (liter) of water.

The map projections are in Universal Transverse Mercator of 1983 (UTM 83), zone 17.