



Citizen Lake Monitoring Program

2009 Individual Site Report

Lake: Camp

Site: 202

Introduction

Thank you for participating in the Citizen Lake Monitoring Program (CLMP)! The Minnesota Pollution Control Agency (MPCA) greatly appreciates the valuable work that you do to protect and improve your lake's water quality.

Understanding Your Report

A total of 1,263 CLMP volunteers monitored 2,026 sites on 1,237 lakes in 2009. This report provides you with summary information for the specific site you monitored this year, as well as historic data for your whole lake.

Page two of this report provides an in-depth look at the CLMP data that you collected in 2009 for your lake. It presents site-specific summary statistics and a graph of your 2009 data.

Page three of this report shows whole-lake summary information based on all available data for your lake. It is divided into three sections: "Indicators of nutrient richness," "Secchi transparency trend data," and "Aquatic recreation assessment."

⊕ The "Indicators of nutrient richness" section depicts your lake's overall health. It also provides ten-year average total phosphorus (TP), chlorophyll-a, and Secchi transparency values for your lake if the data is available. The scale ranges from "Oligotrophic" which are nutrient poor lakes to "Hypereutrophic" which are very nutrient rich.

⊕ The "Secchi transparency trend data"

section describes how the transparency of your lake has changed statistically over time. It also provides a graph of your lake's average transparency over time. Averages are only calculated for years with at least four readings taken between June and September.

⊕ The "Aquatic recreation assessment" section describes how well this lake can support aquatic recreation uses such as swimming, wading, and overall aesthetics.

Page four provides a map of your lake's catchment area and land uses, as well as a table showing how land uses have changed over time. "Lake catchment area" refers to an area of land that is hydrologically connected to your lake. Lake catchments were mapped by the Minnesota Department of Natural Resources (DNR), and represent the smallest unit of the DNR's watershed dataset.

For More Information

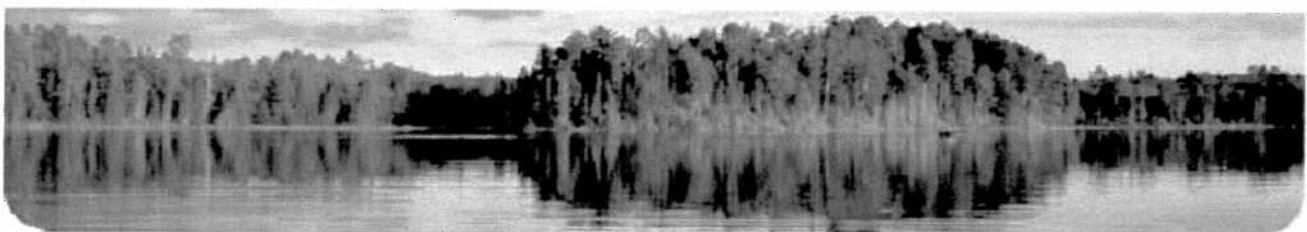
If you have questions or comments on this report, please contact CLMP staff at 651-296-6300 (Twin Cities Metro Only) or 800-657-3864 (Greater MN only) or by e-mail at:

clmp.pca@state.mn.us

If you would like to see a summary of all CLMP data collected during 2009, the statewide annual report is available on the MPCA Web site:

www.pca.state.mn.us/clmp

Select the link in the middle called: "Reports, factsheets and newsletters"



Volunteer:

Lake:

Site:

County: Ecoregion:

Nearest Town:

Years of data at this site by this volunteer Total years of CLMP data at this site

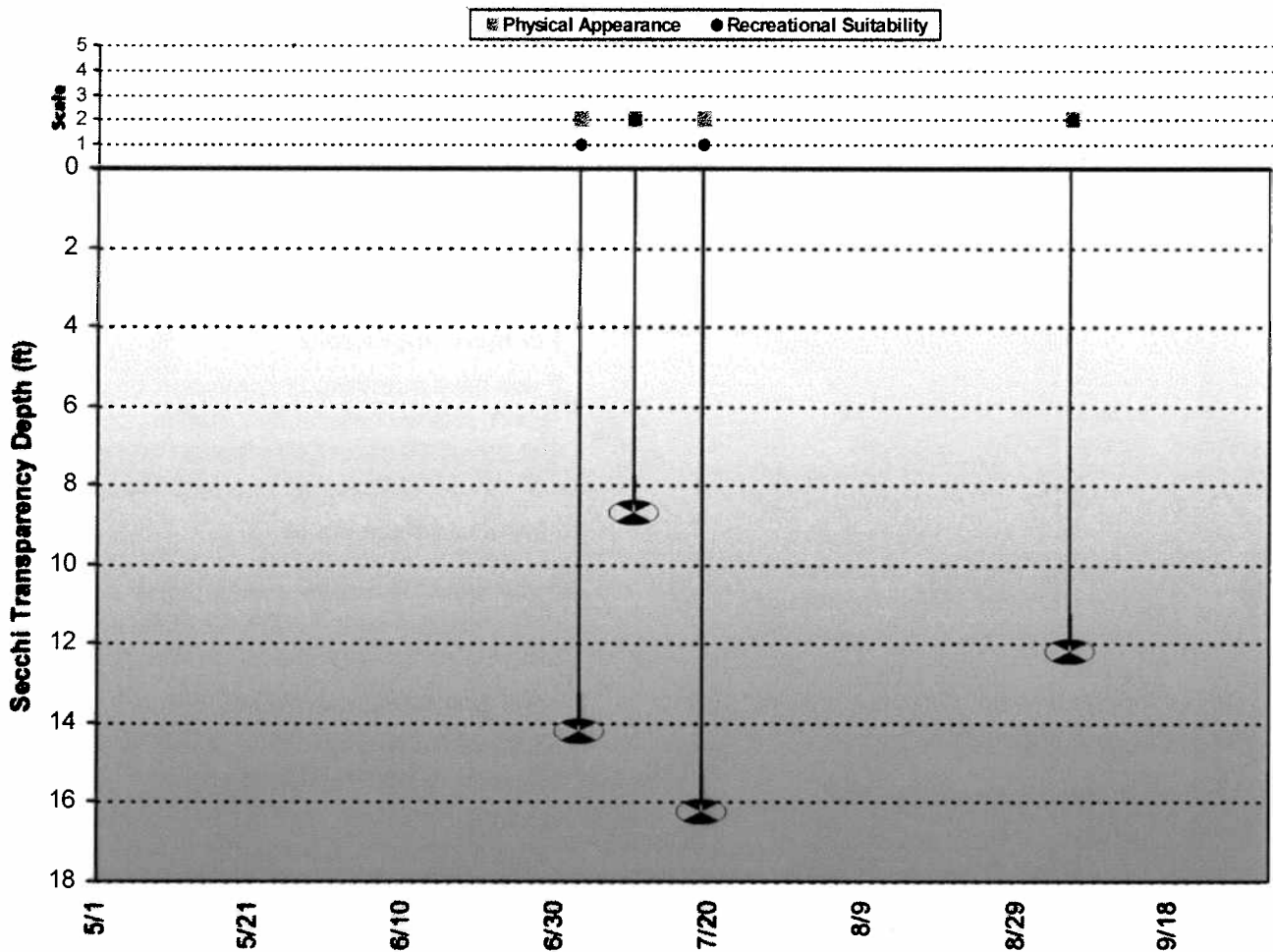
Lake Area (acres)

Max Depth (ft)
(if available)

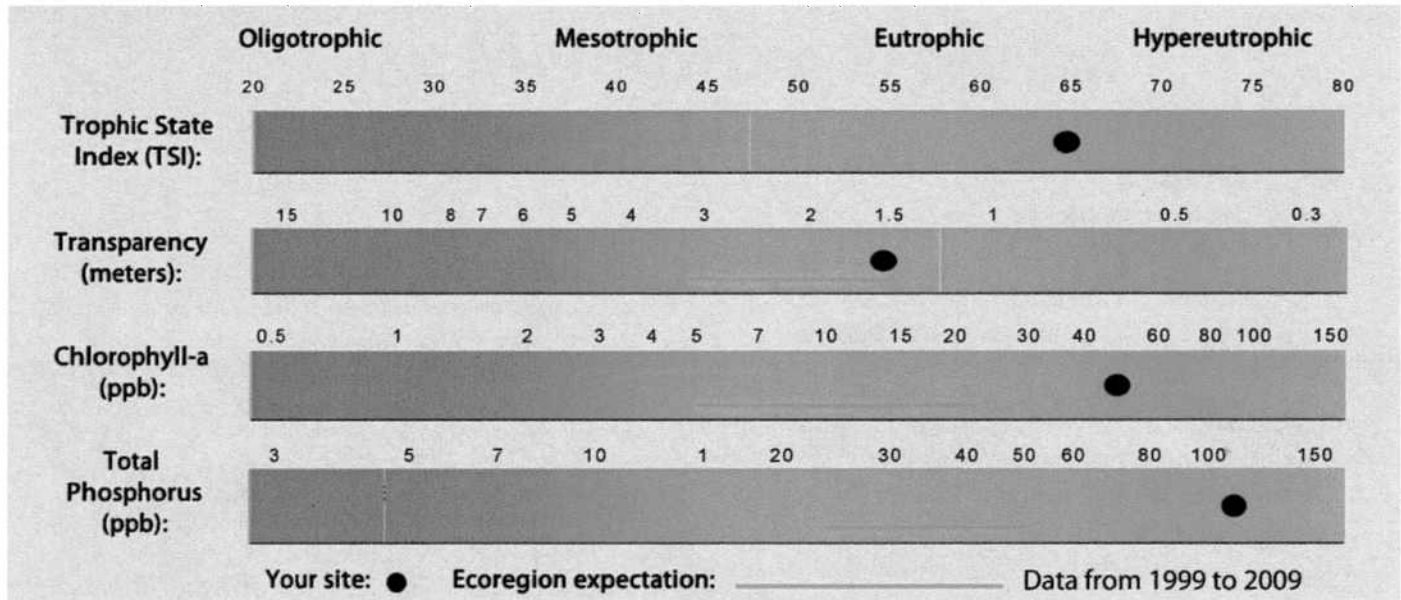
Current year summary 7/3/2009 to 9/5/2009

	Count	Mean	Min	Max
Secchi Transparency Data (ft):	<input type="text" value="4"/>	<input type="text" value="12.6"/>	<input type="text" value="8.5"/>	<input type="text" value="16.0"/>
Physical Appearance:	<input type="text" value="4"/>	<input type="text" value="2"/>	<input type="text" value="2"/>	<input type="text" value="2"/>
Recreational Suitability:	<input type="text" value="4"/>	<input type="text" value="2"/>	<input type="text" value="1"/>	<input type="text" value="2"/>

2009 Secchi transparency and user perception data (if available)

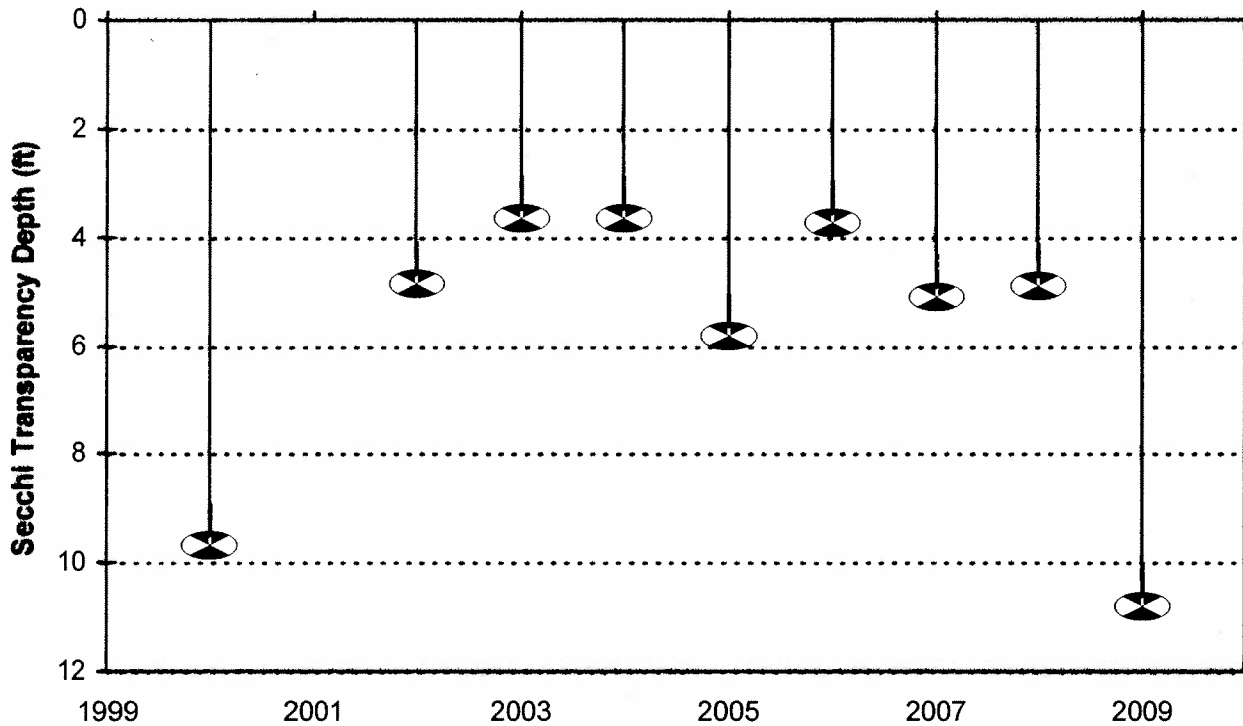


Indicators of nutrient richness



Secchi transparency trend data

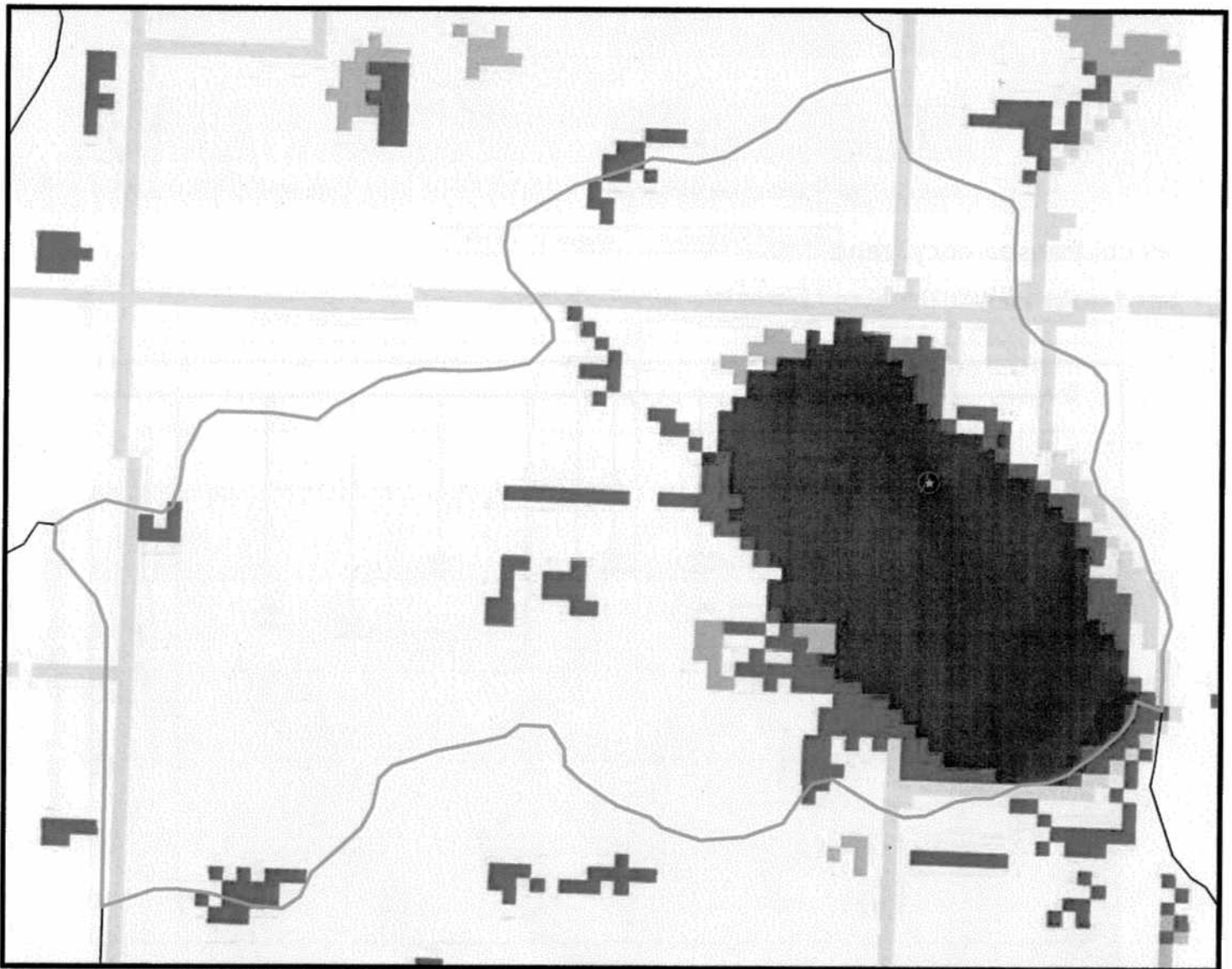
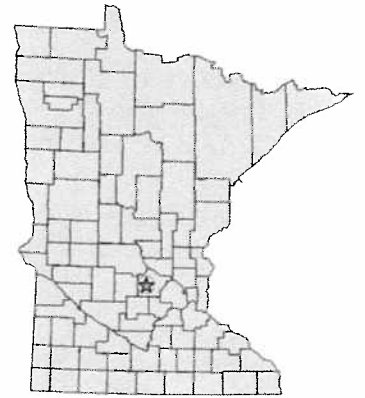
Trend analysis result: This lake exhibits no clear water clarity trend.



Aquatic recreation assessment: This lake does not meet water quality standards for recreational suitability.

Lake: Camp

Lake catchment area (sq mi):



Map legend:		Open water	Wetlands	Forest	Pasture	Agriculture	Impervious	Barren	★ Your CLMP Site	● Other CLMP Sites	— Selected catchment	— Catchment boundary	— Highway	— Water
Land use	1992:	14.2	4.0	3.5	4.7	68.7	4.8	0.1						
Percentages*:	2001:	14.6	4.6	3.8	4.7	67.3	4.8	0.1						

*Within the lake catchment. Map shows 2001 land use data.