

# Smith 69-0111-00

MN Lake ID: 69-0111-00  
County: St. Louis  
Ecoregion: Northern Lakes and Forests  
Major Drainage Basin: Lake Superior  
Latitude/Longitude: 47.16666667 / -91.91694444  
Water Body Type: Public Waters  
Monitored Sites (Primary): 203 (Primary)  
Monitored Sites (Secondary):

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## Physical Characteristics

Surface area (acres): 180  
Littoral area (acres): 74  
% Littoral area: 41%  
Max depth (ft): 51 (m) 15.5  
Mean depth (ft): N/A  
Watershed size (acres): N/A

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## Water Quality Characteristics

Years monitored: 2009 - 2011

(Data from RMB monitoring database only)

*\*RMB Lab note: prior to 2011, the reporting limit for total phosphorus was 5 ug/L. Starting in 2011, the reporting limit is 3 ug/L.*

Parameters	Primary Site 203 (Primary)
Total Phosphorus Mean (ug/L):	9.3
Total Phosphorus Min (ug/L):	6.4
Total Phosphorus Max (ug/L):	13.0
Number of Observations:	5
Chlorophyll-a Mean (ug/L):	1.8
Chlorophyll-a Min (ug/L):	1.0
Chlorophyll-a Max (ug/L):	3.0
Number of Observations:	5

Trophic State Index Mean (Primary Site): 35.8  
Trophic State: Oligotrophic

