

Below are the results of the water testing from the past two years.  
 Note that the average Secchi reading (water clarity) has dropped slightly this year from last year. There could be several reasons for this including un-checked rain runoff and un-raked beaches. The two things we can do to get better clarity: 1) Install a buffer zone to prevent rainwater runoff from reaching the lake. 2) As the weeds wash up on shore, remove them and dispose of them properly.

## Individual Lake Data Summary

County	MN Lake ID	Lake	Site	Date Range	Data Source
Crow Wing	18-0096-00	Upper South Long	101	05-01-2009 - 09-30-2010	RMB Lab

\*2nd Source data was retrieved from MPCA STORET database and came from a source other than RMB Environmental Laboratories, Inc.

Mean of data range selected in this report						19.4	13.1	7.3	46	54	48	50
Date	Time	Site	Sampler	Lab Code	Data Source	TP ug/L	ChlA ug/L	Secchi Ft.	TSI Phos.	TSI ChlAL	TSI Secchi Ft.	TSI Avg.
<a href="#">5/31/2009</a>	1:50 PM	101	Dan Martonik	98053	RMB Lab	20	32	6.5	47	65	50	54
<a href="#">6/14/2009</a>	2:42 PM	101	Dan Martonik	99868	RMB Lab	14	6	10	42	48	44	45
<a href="#">7/19/2009</a>	11:56 AM	101	Dan Martonik	104351	RMB Lab	21	12	6.5	48	55	50	51
<a href="#">8/16/2009</a>	3:20 PM	101	Dan Martonik	107860	RMB Lab	19	12	7.5	47	55	48	50
<a href="#">9/20/2009</a>	11:00 AM	101	Dan Martonik	111412	RMB Lab	16	12	7.5	44	55	48	49
<b>Annual Summer Mean</b>						<b>18</b>	<b>14.8</b>	<b>7.6</b>	<b>45</b>	<b>55</b>	<b>48</b>	<b>49</b>
Date	Time	Site	Sampler	Lab Code	Data Source	TP ug/L	ChlA ug/L	Secchi Ft.	TSI Phos.	TSI ChlAL	TSI Secchi Ft.	TSI Avg.
<a href="#">5/23/2010</a>	2:30 PM	101	Dan Martonik	120992	RMB Lab	30	13	7	53	56	49	53
<a href="#">6/20/2010</a>	10:40 AM	101	Dan Martonik	124191	RMB Lab	17	9	8	45	52	47	48
<a href="#">7/18/2010</a>	12:52 PM	101	Dan Martonik	128515	RMB Lab	16	12	8.5	44	55	46	48
<a href="#">8/15/2010</a>	2:52 PM	101	Dan Martonik	131793	RMB Lab	18	9	6.5	46	52	50	49
<a href="#">9/19/2010</a>	5:54 PM	101	Dan Martonik	135630	RMB Lab	23	14	5.5	49	56	53	53
<b>Annual Summer Mean</b>						<b>20.8</b>	<b>11.4</b>	<b>7.1</b>	<b>47</b>	<b>54</b>	<b>49</b>	<b>50</b>