

Water Testing Results

Water test sampling has ended for the summer. Results are in from the University lab for the 7/18/96 sample. For an explanation of each category of testing, please refer to the CSCA letter dated August 12, 1996. Remember, these results do not necessarily indicate the "state of the lake", they are only the beginning of a long-term monitoring program. A summary and DEP interpretation of all 1996 test results will be in the March 1997 issue of the newsletter.

Basin 1 - Lower Basin

<u>Sample Date</u>	<u>Transparency</u>	<u>T.Phosphorus</u>	<u>Chlorophyll A</u>	<u>pH</u>	<u>Alkalinity</u>	<u>Color</u>	<u>Conductivity</u>
5/30/96	10.1	8.2	1.1	NA	NA	NA	NA
6/26/96	8.3	7.2	1.8	6.8	3	clear	31
7/18/96	8.2	3.28	1.4	7.1	4	NA	31
8/8/96	9.4	NA	NA	NA	NA	NA	NA
8/23/96	9.9	NA	NA	6.68	5	11	30
9/4/96	10.4	NA	NA	6.9	3	NA	31

Basin 2 - Upper Basin

<u>Date</u>	<u>Transparency</u>	<u>T.Phosphorus</u>	<u>Chlorophyll A</u>	<u>pH</u>	<u>Alkalinity</u>	<u>Color</u>	<u>Conductivity</u>	<u>Bottom T.Phos</u>
5/30/96	5.4	6.9	2	NA	NA	NA	NA	NA
6/26/96	5.6	10.8	2.7	6.9	6	clear	30	11.1
7/18/96	4.6	7.41	2.4	6.7	4	brown	31	6.3
8/8/96	5.7	NA	NA	NA	NA	NA	NA	NA
8/23/96	6	NA	NA	6.7	5	25	30	NA
9/4/96	7.5	NA	NA	6.9	3	NA	31	NA

Depth	Lower Basin						Upper Basin					
	Surface		9 meters		Bottom		Surface		8 meters		Bottom	
	Temp	DO	Temp	DO	Temp	DO	Temp	DO	Temp	DO	Temp	DO
Sample												
5/30/96	11.3	11.2	11.2	11.0	8.7	11.2	13.8	10.6	11.6	10.3	10.2	9.8
6/26/96	17.0	9.3	15.0	10.2	9.0	10.0	17.0	9.3	12.0	8.2	11.0	7.8
7/18/96	20.5	8.8	14.0	9.3	9.0	9.2	22.0	8.5	13.7	6.7	11.0	5.6
8/08/96	23.5	8.3	17.5	8.0	9.7	7.4	25.0	8.2	14.8	4.7	11.2	5.0
8/23/96	22.0	8.8	18.0	8.5	9.8	7.6	22.0	8.7	15.0	3.7	11.8	2.7
9/04/96	20.0	8.8	18.8	8.7	9.1	7.6	20.5	8.3	15.5	3.0	11.5	2.1

