

Figure 7

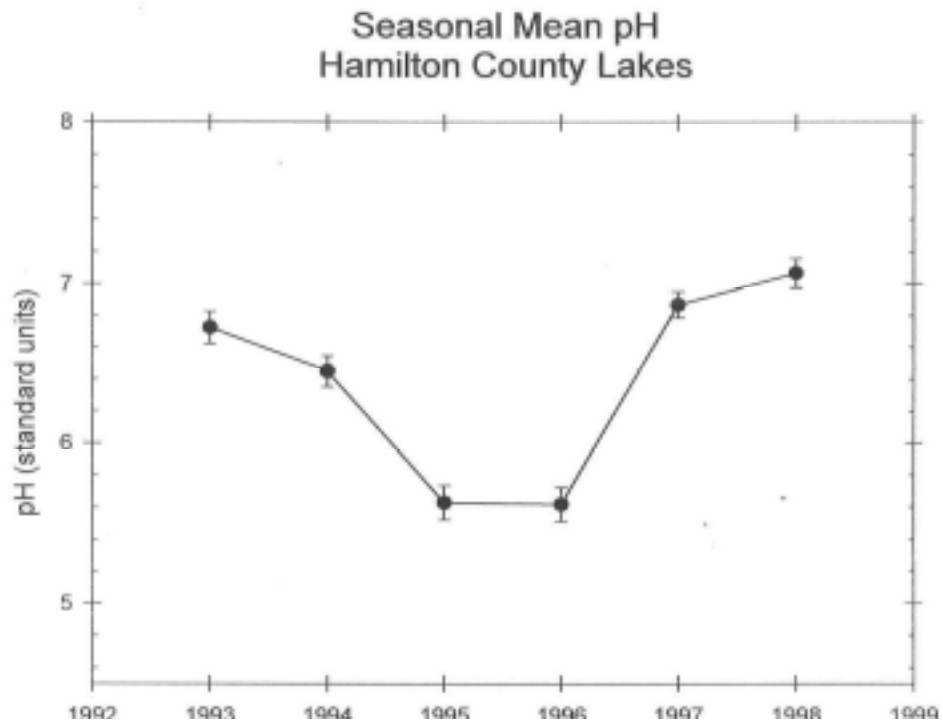


Figure 8

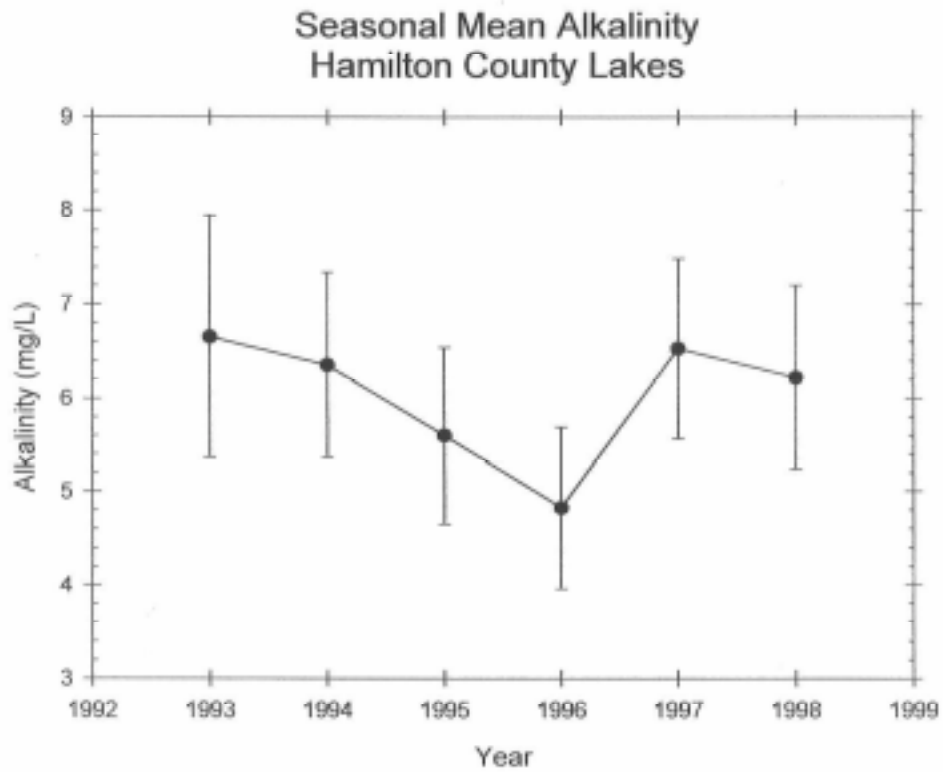


Figure 9

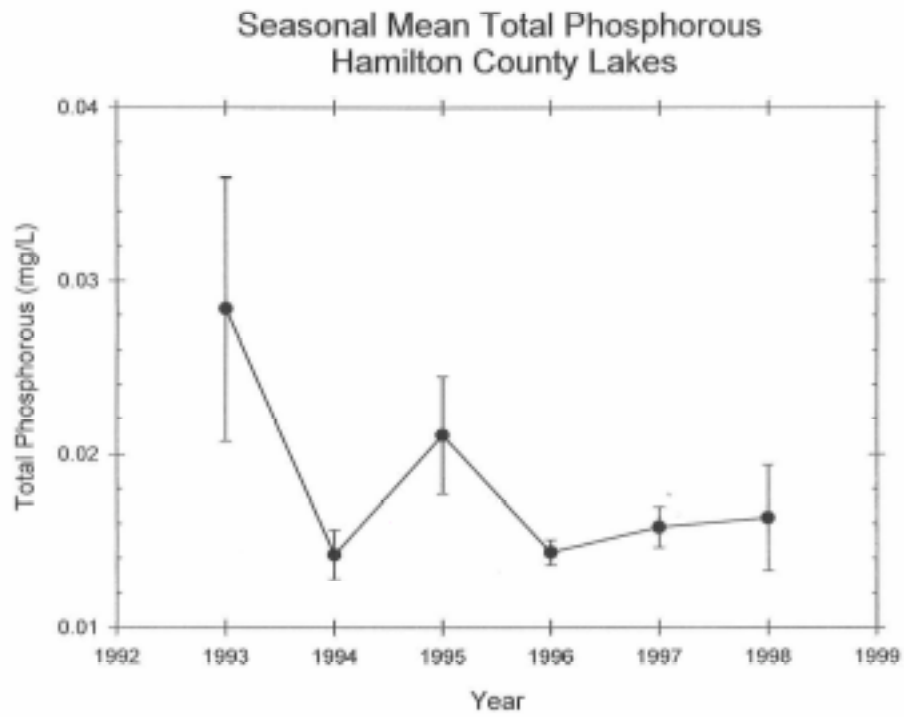


Figure 10

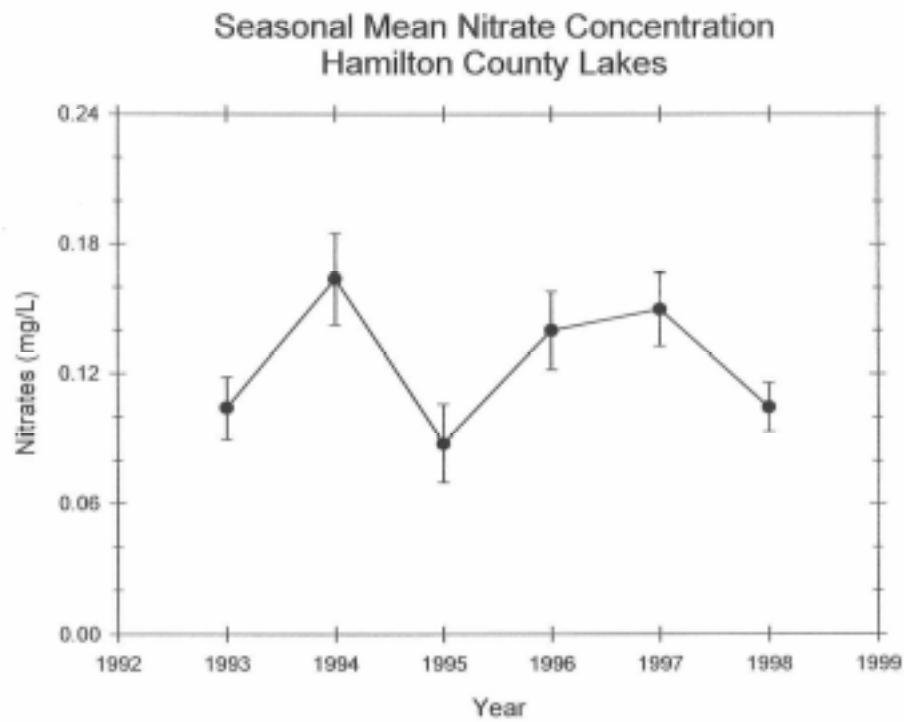


Figure 11

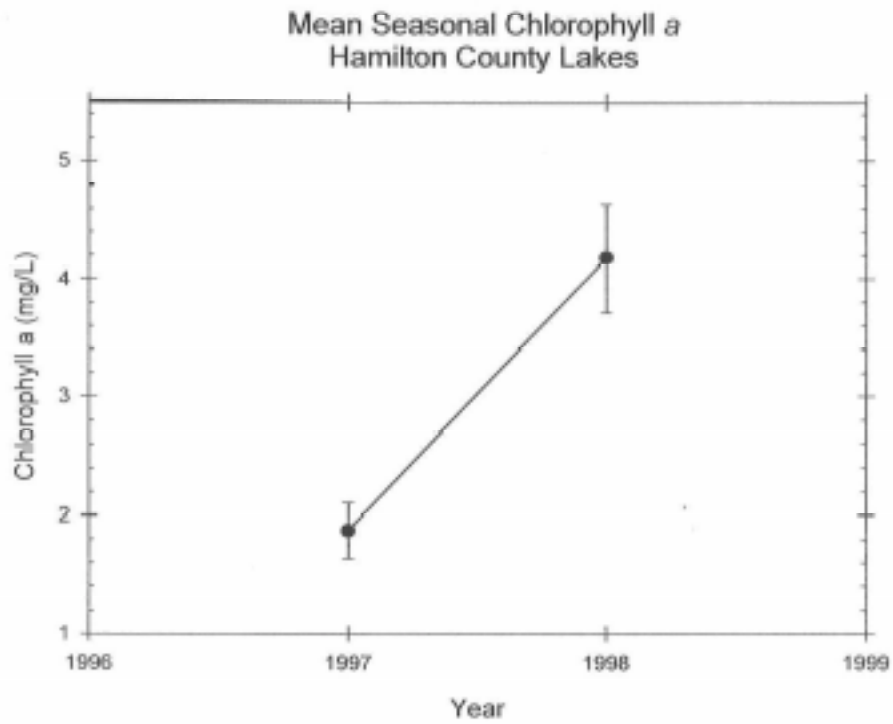
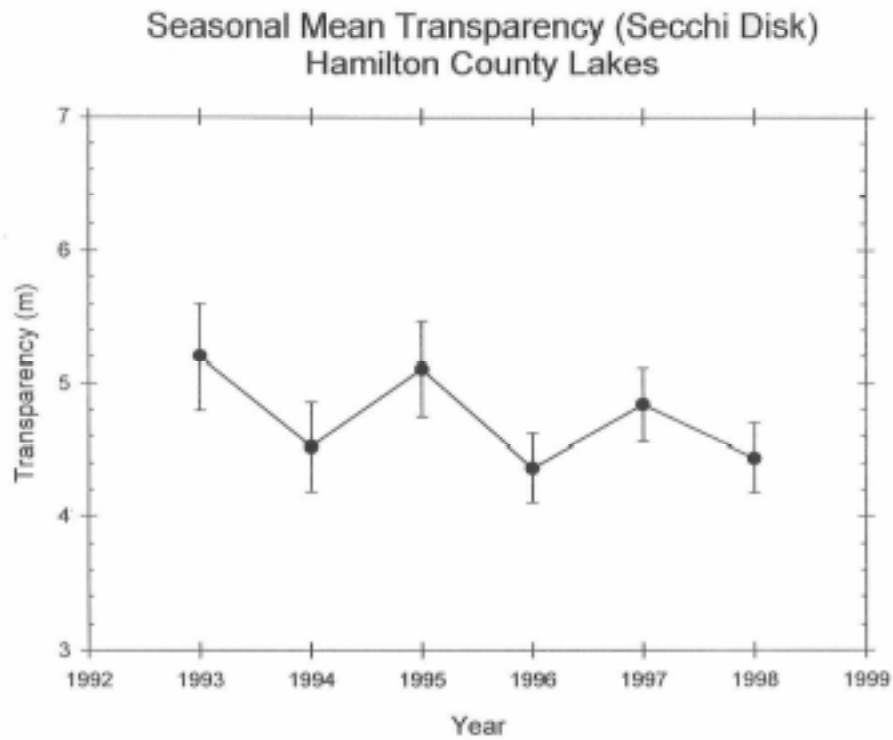


Figure 12

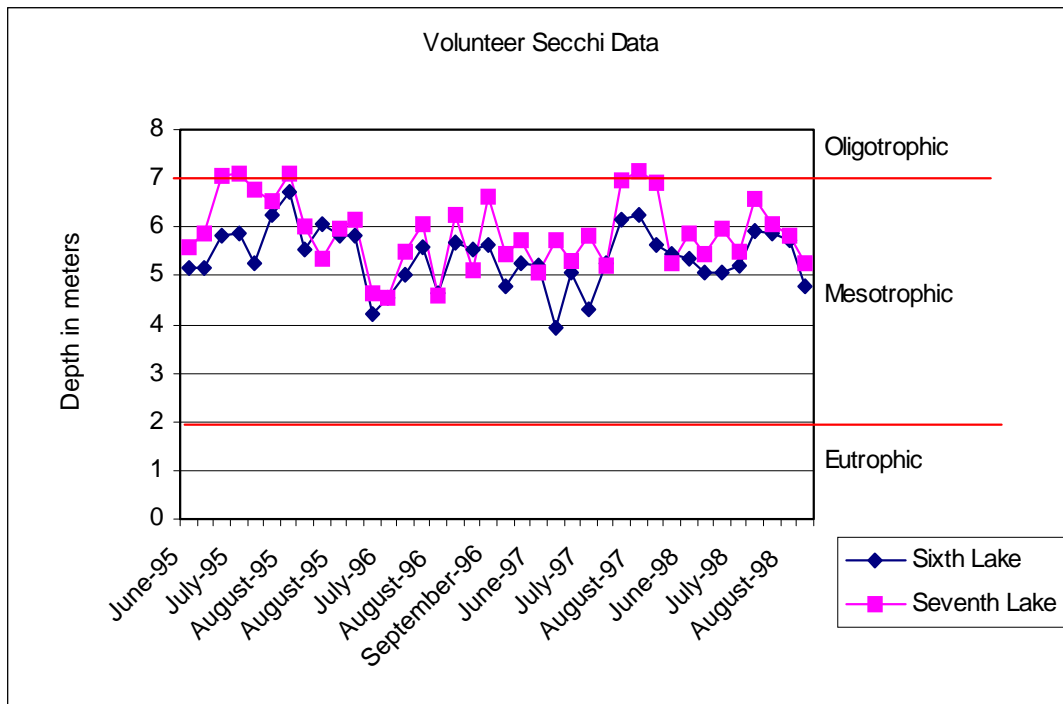


APPENDIX D – Volunteer Secchi Data

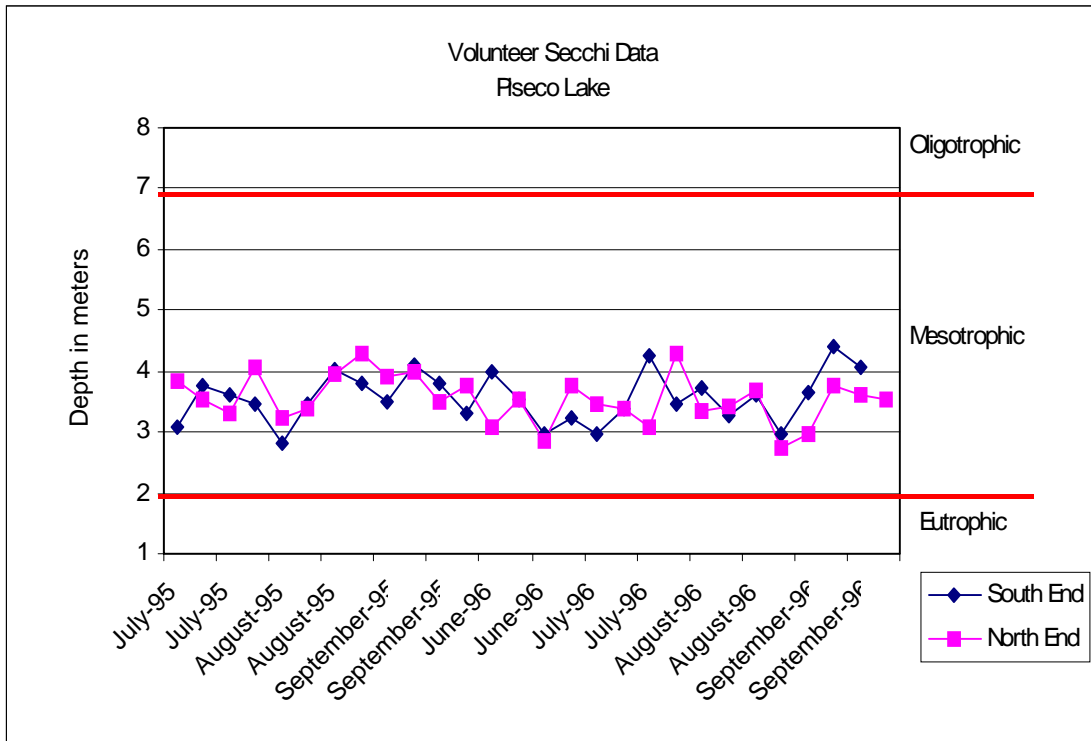
The Volunteer Secchi program provides an even closer look at lake conditions as they change on a weekly basis. The Soil and Water Conservation District provides secchi disks to volunteers who want to monitor one of the lakes in our program on their own. The volunteers dip their secchi disk into a specific location on the lake once a week at approximately the same time of day. These data, along with the cloud cover, wind conditions, temperature, precipitation, and the water's surface conditions are recorded and submitted to the SWCD once a year.

This volunteer program began in 1995, William Landmesser volunteered to take readings on Sixth and Seventh Lakes. In more recent years Jim Shepler has volunteered to assist Mr. Landmesser with the work. Judy Shea also volunteered in 1995 to take readings on Piseco Lake. To date these data have been used for comparison with the District water monitoring program and to evaluate the trophic state of each lake. But as these volunteers compile more data it will be used to track changes over time.

The following graphs illustrate the results of the volunteers' work over the past three years.



(Volunteer Secchi appendix cont.)



APPENDIX E – New York State Water Quality Classifications

<u>Class</u>	<u>Best Usage and Conditions</u>
N	Not classified. Waters wholly within the New York State Forest Preserve and protected under the State Constitution. In the <u>NYSCR & R</u> there is a class designated as “Class N”, but the waters in the Forest Preserve have never been legally classified as such.
AA	Source of water supply for drinking, culinary or food processing purposes and any other usage. The waters, if subjected to approved disinfecting treatment, with additional treatment if necessary to remove naturally present impurities, will meet New York State Department of Health drinking water standards and will be considered safe and satisfactory for drinking water purposes.
A	Source of water supply for drinking, culinary or food processing purposes and any other usage. The waters, if subjected to approved treatment equal to coagulation, sedimentation, filtration and disinfection, with additional treatment if necessary to reduce naturally present impurities will meet New York State Department of Health drinking water standards and will be considered safe and satisfactory for drinking water purposes.
B	Primary contact recreation and any other uses except as a source of water supply for drinking, culinary or food processing purposes.
C	Suitable for fishing and all other uses except as a source of water supply for drinking, culinary or food processing purposes and primary contact recreation.
(T)	Waterbody has been designated for trout survival. Trout are defined as brook trout (<i>Salvelinus fontinalis</i>), brown trout (<i>Salmo trutta</i>), red throat trout (<i>Salmo clarki</i>), rainbow trout (<i>Salmo gairdneri</i>) and splake (<i>Salvelinus fontinalis</i> x <i>Salvelinus namaycush</i>).



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