

ECOSYSTEM CONSULTING SERVICE, INC.

Resident/Volunteer Sampling Programs

What is a Resident Sampling Program?

Our unique program enables local residents to collect data and water samples as part of a diagnostic study on their water body.

Who is a Resident?

A Resident is any member of a Client Group (Lake Association, Water Company, Municipal Agency, etc.) who participates in the Program.

What are the Benefits?

The primary benefit is to reduce the number of field visits required by professional ECS staff, thereby reducing the overall completion cost of the study. The RSP also makes development of a comprehensive database much more affordable for lakeside communities.

Another benefit is that the RSP provides residents with knowledge and training in the science of Limnology. By actually participating in the data acquisition, residents become familiar with the various methods used to diagnose lake conditions. They develop an understanding for the results because they know where the numbers come from and why.

How does it work?

It takes a small group of residents (2-3) who are willing to devote some time to the project. We provide all the necessary training in the use of the sampling equipment. We can assist with your purchase of the necessary sampling equipment (prices listed subject to change).

Equipment required for lake sampling includes:(Estimated Costs)

Temperature/Dissolved Oxygen Meter and 25' cable	\$ 1300.00
Zooplankton Net	180.00
Water Sampling device	150.00
Algae Straw/Preservative (20')	45.00
Secchi Disk	15.00
Bottles for sample collection	50.00
Polyfoam containers for shipping samples	<u>25.00</u>
	\$ 1765.00
Plus Equipment Preparation	\$ 150.00

Costs shown do not include Shipping/Handling.

We set up a sampling protocol identifying the location of sampling stations both in the lake or reservoir, and in the watershed. Each station is given a sampling frequency schedule complete with the number and kinds of samples to be collected. We identify the dates on which samples can be collected by the residents and which ones will require ECS, Inc. staff. Our Director of Research works closely with the residents in the program, providing technical assistance whenever needed. Most often, samples are shipped overnight directly to the analytical lab and field sheets are faxed or emailed to ECS for review.

For further information contact:

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