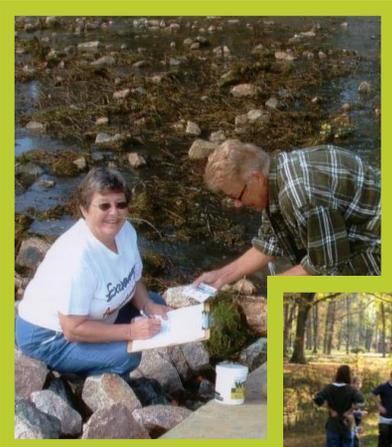




The City of Raleigh



“empowering residents to monitor their neighborhood stream’s health”

Volunteer Stream Monitoring Program

Volunteers in Action

Raleigh residents have been developing a keen interest in the water quality of their local neighborhood streams. Many things can have an impact on water quality, affecting a stream’s health.

The Volunteer Stream Monitoring Program is a source of education, empowering residents to monitor their neighborhood stream’s health. Volunteers are able to measure the impact their own neighborhood actions have on local water quality and compare results with other nearby monitoring locations.

How the Monitoring Program Works

Volunteers are provided with one year’s worth of monitoring equipment including safety vests and supplies to perform benthic macro invertebrate surveys and analyze chemical parameters. Chemical tests include measurements for coliform bacteria, biological oxygen demand, dissolved oxygen, pH, nitrate, phosphate, temperature, and turbidity.

Throughout the monitoring period, groups are encouraged to monitor their site for the chemical parameters 10 times and to survey the benthic macro invertebrates once a year.

Stream Monitoring Workshops

A 2 ½-hour workshop is free for Raleigh residents who want to join the Volunteer Stream Monitoring Program, sponsored by Raleigh’s Stormwater Management Division.

During the classroom portion of the workshop, participants learn basic techniques for identifying monitoring sites and performing a variety of chemical tests on surface water samples.

In the second segment of the workshop, volunteers learn techniques for collecting benthic macro invertebrate surveys by practicing the monitoring and sampling techniques in a nearby stream.

Stormwater Management Division

127 W. Hargett Street, 8th Floor Raleigh, NC 27601 · 919-996-3940 · StormwaterVolunteers@raleighnc.gov

Register [HERE](#) to reserve your spot!
Class limit is 15 attendees.

UPCOMING VOLUNTEER ORIENTATION WORKSHOP

Why: Every volunteer must be trained to use the monitoring equipment.

When: Saturday, October 15, 2016
10:00 a.m. to 12:30 p.m.

Where: Walnut Creek Wetland Center
950 Peterson Street, Raleigh, NC 27610

More Information:

Stormwater Management: 919-996-3940 or [Email](#)