

Why Did the Water Turn Green?



A 6 Hour Workshop for Pre-service & In-service Teachers and Educators

Earn 6 Pennsylvania Act 48 Hours

Monday, January 19, 2009

9 am to 5 pm



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Temple University Main Campus



This lab, classroom, and field workshop will present a series of middle and upper school science and environmental education activities to teach about the impact of excess nutrients on aquatic systems. Experiments will demonstrate inquiry-based approaches to plant and animal nutrition topics as they simulate the impact of nutrient pollution and eutrophication. Activity-based experiments will foster a better understanding of natural and disturbed aquatic systems by developing critical thought processes using scientific methodology. **Snacks, lunch, chemical test strips, and many other educational materials will be provided.**

Tentative Agenda

- 9:00 Registration, Refreshments
9:30 Program Overview and Pretest
10:15 Introductions, Photosynthesis and the Ingredients of Life
11:00 BREAK
11:15 Understanding Watersheds & Airsheds Using Maps and 3-D Models;
the Land-Water-Air Connection Experiment
12:30 LUNCH
1:15 When Rain Hits the Land: an Investigation with Runoff and Storm Water
2:00 Assessing Your Watershed Using Internet Tools;
Air Quality, Nutrient Deposition and Airshed Impacts on Water Quality
2:45 BREAK
3:00 Water Quality Testing in a Local Waterway
4:45 Evaluation & Post test
5:00 Adjourn

This workshop is free, but participants **must pre-register**. To register, please e-mail your name, school, and address to:

Ann Faulds

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Pennsylvania Sea Grant

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215-806-0894

You'll receive a confirmation and additional workshop info.



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