

**Local Water Quality: Assessing Ecological
and Public Health Effects,
and Changing Behavior in Order to Reduce Pollution**
Individualized syllabus for Brooke R.
[ENVS 4950 Environmental Studies Seminar, ETSU, Spring 2015](#)

Last update: February 22, 2015

Statement of Purpose:

I am interested in local water quality and the effects that water pollutants have on the ecology, and on human health. I want to learn how water pollution levels can be evaluated, and improved. I am a Biology major and an Environmental studies minor. I hope to use this experience to enter into a profession related to public health.

Additional Texts:

- 1.) *Living Downstream: A Scientist's Personal Investigation of Cancer and the Environment.* By Sandra Steingraber. Addison Wesley, 1997. 357 pages.
- 2.) One additional text, to be determined.

Service Placement:

Upper Tennessee River Roundtable, Abingdon VA

Mission: "To achieve clean water throughout the watershed with the involvement of citizens in planning, educating, attracting funding, and serving as advocates for our water resources."

<http://www.upperriver.org/>

Supervisor: Carol Doss, Executive Director

My duties: To assist Carol with educational presentations related to water quality in the local watershed. To assist Upper Tennessee River Roundtable with various workshops including Earth Day, Youth Summit, and the Garden Fair.