

SandpiperCREATIVE

## CONNECTING RIVERS to the SEA

Girls' STEM Environmental Careers Opportunity  
Spring and Summer 2012

SandpiperCREATIVE is offering young women in Everett the opportunity to explore STEM nontraditional careers.

*Careers in STEM fields (Science, Technology, Engineering, and Math) offer excellent opportunities for job satisfaction, good salaries, and career advancement.*

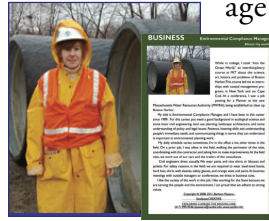
The United States is expanding its STEM workforce to compete more effectively in the global marketplace and to manage its natural resources to balance usage and protection.

Water is a precious, finite resource that needs to be preserved for future generations. Upgrading water and wastewater infrastructures would create nearly 1.9 million jobs and add \$265 billion to the U.S. economy, according to **Water Works: Rebuilding Infrastructure, Creating Jobs, Greening the Environment\*** (<http://bit.ly/WaterWorksReport>).

\*Released in October 2011 by Green For All, in partnership with American Rivers, the Economic Policy Institute, and the Pacific Foundation. Funded by the Rockefeller Foundation.

*The "MISSING LINK" is the connection between hearing about a career and knowing what a person in the career actually does.*

Real-life women in financially rewarding and personally satisfying careers share their personal and professional experiences through their mentor/role model story cards (see below) to encourage girls to consider nontraditional STEM careers.



Shown above, mentors/role models and their story cards. Top: Mary W., Environmental Compliance Manager. Bottom: Elena P., Operations Engineer for a town's Water and Sewer Division.

Our talented educators provide the opportunity for girls to "try on" STEM environmental careers to find out which ones "fit" their skills, abilities, and interests.

Download the Mentor flyer. <http://www.camkit.info/mentors.pdf>.



Photo courtesy of Mystic River Watershed Association.  
<http://www.mysticriver.org>



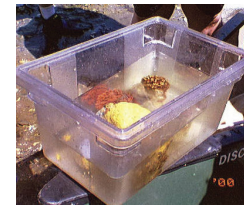
work on wetlands activities, read mentor story cards, and visit the workplaces of women in environmental careers.

### Segment 2 (August) summer day camp

In this two-week camp, girls work on multidisciplinary teams. They learn about a number of career paths during hands-on outdoor workshops and field studies, visits to mentor workplaces, and boat trips. Girls map their skills, interests, and abilities with a variety of careers.



### Segment 3 (academic year)



The following school year, students build displays for a community event. This event showcases the girls' research and acknowledges the contributions and support of sponsors, staff, and parents, while highlighting the schools' exceptional career exploration programming.