



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

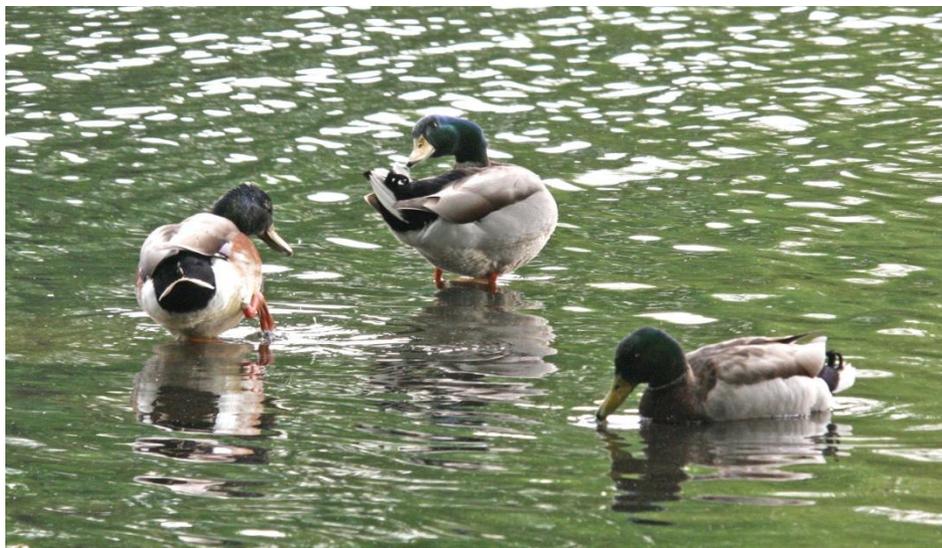
Coastal Resources

MANAGEMENT PROGRAM



Attention High School Educators

Silver Lake Nature Center is currently looking to expand our Water Monitoring program to neighboring watersheds, and we would love to get you and your students involved! The goal of this program is to promote stewardship of the land and to educate young people about the importance of watersheds in our communities. Watersheds provide ecological services such as pollution sequestration, flood control, and recreational opportunities like hiking and fishing.



In addition to helping protect such a valuable resource, this program has the potential to provide valuable experiences for your students. They will be introduced to methods used by professional scientists, they will learn more about their local watershed, and they will gain a greater appreciation of the environment. If they decide to become Water Monitor volunteers at Silver Lake Nature Center or elsewhere, this experience could fulfill senior project requirements and even help students get admitted into college!

Finally, participation in this program would be a fun, interactive way to meet the suggested Pennsylvania Academic Standards for Environment and Ecology. Several standards for 10th and 12th grades involve watersheds. These standards include: the biotic and abiotic

factors within watersheds, the relationship between water quality and wildlife, human influences on watersheds, and the consequences of policies and regulations on watersheds (Pennsylvania Department of Education 2009). Incorporating this program into the curriculum would give students a hands-on education that would be exciting and meaningful.



If you are interested in getting involved in this program, please do not hesitate to contact Lorraine Skala, Education Director at (215) 785-1177 ext. 5021 or Anna Freundlich, Water Monitor Project Manager Intern, at (215) 785-1177. For more information on the established Water Monitoring program and general watershed information, please read the Water Monitoring Packet on the Silver Lake website. For ideas and inspiration on watershed lesson plans, helpful links and their descriptions are also listed on the website. Hope to hear from you soon!