

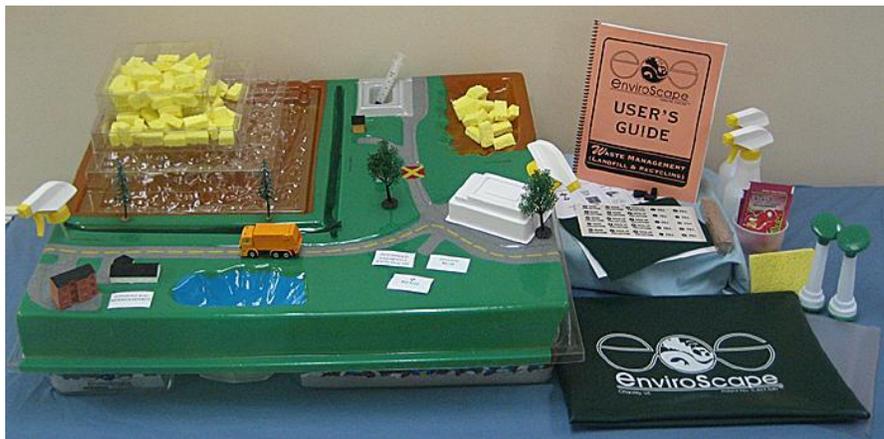
# EDUCATION AND OUTREACH

## RESOURCES FOR TEACHERS, STUDENTS AND CITIZEN SCIENTISTS

### EDUCATIONAL MATERIALS

[The Water Watch program](#) of the Division of Water has many educational materials available for check out for schools and organizations to use in watershed educational programs:

- o [Enviroscares](#) - These educational tools demonstrate how water pollution comes from many sources, and helps students visualize the impacts of different types of land use on water quality.



ENVIROSCAPE KITS AVAILABLE FOR LOAN TO EDUCATORS

## OPPORTUNITIES THROUGH THE DIVISION OF WATER

The mission of the Kentucky Division of Water (DOW) is to manage, protect and enhance the quality and quantity of the Commonwealth's water resources for present and future generations through voluntary, regulatory and educational programs.

DOW provides assistance on technical needs, curriculum development, public outreach, watershed planning, and educational programs for students of all ages.

Speaking opportunities, hands-on activities, classroom presentations, workshop sessions, educational materials for loan, and other assistance is available by calling the department at 502-564-3410.



- **Stream Table** – A tool that allows students to set up a realistic stream simulation and demonstrate the impacts of stream flow on processes like erosion, deposition, and pollutant dispersal in an aquatic environment. See these YouTube videos for the stream table in action in a classroom setting (<http://youtu.be/c2B1Maeat0c>, <http://youtu.be/c2B1Maeat0c>).



EXAMPLE OF A STREAM TABLE (TEACHERSUPPLYSOURCE.COM)



STREAM TABLE DEMO ON YOUTUBE

## WE WANT TO TALK TO YOU

One of the primary roles of the Basin Coordinators is to facilitate cooperative endeavors between citizen watershed groups, nonprofits, businesses and government bodies. If your group would like to arrange speakers on specific watershed topics we can put you in contact with the right people.

In addition, the Basin Coordinator Team includes many talented science and policy communicators and are available to talk to your group about watershed management and environmental issues that are relevant to your specific area!



- [Ollie the Otter](#) – Ollie Otter is the mascot for KY Division of Water and Water Watch. He cares about water quality and is working hard to educate all of us about clean water. The Mascot costume is available for check out.



OLLIE AND VOLUNTEERS AT THE LITTER CLEAN UP EVENT ON EARTH DAY



KY DIVISION OF WATER

## CONTACT US

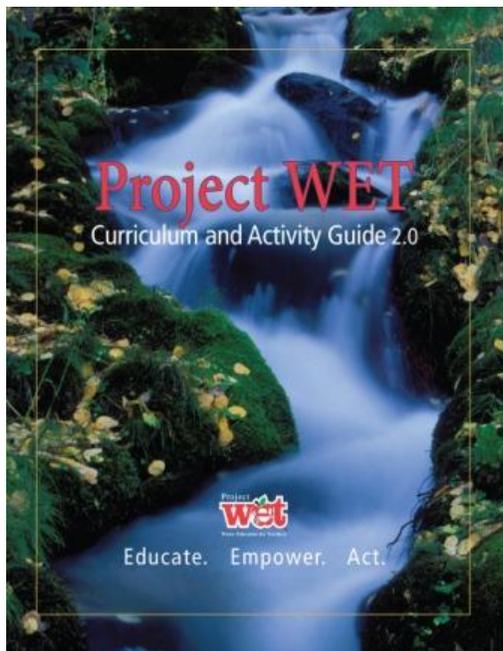
To check out our educational materials follow the links in this document or email Jo Ann Palmer for more information:

Email:  
[Joann.Palmer@ky.gov](mailto:Joann.Palmer@ky.gov)

Phone:  
1-800-928-0045



- Project WET (Water Education for Teachers)- Project WET's mission is to reach children, parents, teachers and community members of the world with water education that promotes awareness of water and empowers community action to solve complex water issues.



CURRICULUM AND ACTIVITY GUIDE 2.0

Are you interested in learning more, hosting a training day or having a certified Project WET educator come to your classroom or field day event? All Basin Coordinators are certified facilitators and educators for Project WET. Give them a call or send them an email today!



LAUREL COUNTY 4-H FIELD DAY

## New Partnership

Through an innovative new partnership with the Kentucky Division of Water, the Kentucky Association for Environmental Education will now be providing the daily operational activities for Project WET in Kentucky. KDOW will continue to serve as the Host Institution of Project WET and provide essential funding for the program as well as a limited number of teacher stipends and curricula guides. For more information about this new partnership, contact Brittany Wray: [Brittany@kaee.org](mailto:Brittany@kaee.org)

For more information about KDOW, contact Dale Booth: [dale.booth@ky.gov](mailto:dale.booth@ky.gov)



## COMMUNITY EDUCATION INITIATIVES

School and youth based programs, adult community programs, and shoreline and streamside cleanups are all part of the Water Watch community education initiative.

- ***Elementary Level***  
Materials and training are available for conducting school talks, including teaching materials and Ollie Otter, the clean water mascot.
- ***High School Level***  
Water testing and science projects suitable for intermediate and advanced chemistry, biology and environmental sciences are available for use in high school settings.
- ***Teachers' In-Service Programs***  
Free training and materials in water resource activities are available along with information for teachers, including follow-up and support while units are being taught.
- ***Stream Walks***  
School and youth groups can conduct stream walks. Materials are available for loan for groups conducting these activities. The materials include field guides, leader guides, dipnets and water testing kits.

### Adult Community Programs

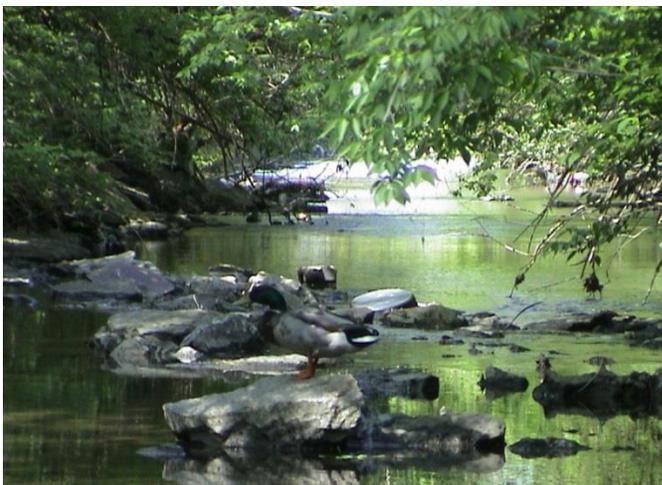
- ***Speakers***  
We can help civic organizations schedule speakers on a variety of topics on water resource issues.
- ***Stream Walks or Canoe Floats***  
Assistance is available for a group that wants to sponsor a community canoe float or stream walk on a favorite stream. These are excellent opportunities to show people the beauty and value of the waterway.

### Shoreline or Streamside Cleanups

April is Keep America Beautiful Month. All water watchers are encouraged to conduct stream or lake cleanups. Assistance can be provided with how-to handbooks and certificates of appreciation for volunteers.

### Kentucky Rivers Month

June is Kentucky Rivers Month. Groups are asked to conduct recreational events to focus community attention on the positive benefits of local waterways.



KY DIVISION OF WATER

## WHO ARE YOUR BASIN COORDINATORS

### FOUR RIVERS BASIN

Maggie Morgan  
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### GREEN AND TRADEWATER RIVERS BASIN

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### LICKING RIVER BASIN

Chad VonGruenigen Phone: 502-782-7124  
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For information about the Big Sandy or the Upper Cumberland Basins, please contact the Licking River Basin Coordinator.

