



It's Our Water!

(Join us and schedule a workshop TODAY!)

N.C. Division of Water Resources

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It's Our Water Coordinator Grant Funding Ends



**Thank You
Shelby!**

The Division of Water Resources is sorry to see Shelby Gull Laird go, but the 319 grant funding for her position has come to an end. We would like to thank her for the outstanding job she has done over the last four years.

For more information about IOW or to schedule a workshop, please contact Holly Denham, the Project WET State Coordinator, at holly.denham@ncdenr.gov or 919-715-5433.

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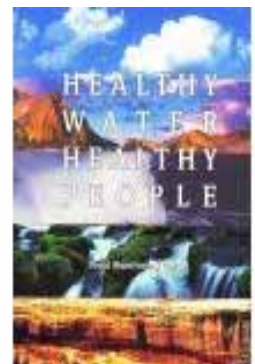
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If you would like more activities on water quality, try *Healthy Water, Healthy People*.

You can order it directly from Project WET at

www.projectwet.org.



The Dirt on Transparency Tubes

When water runs off construction sites, freshly plowed fields and other types of disturbed ground, it often picks up large amounts of sediment. This sediment is the number one type of nonpoint source pollution in North Carolina.

In most IOW workshops, participants make transparency tubes to measure water clarity. The University of Wisconsin Extension Office has a great lab using these tubes. It explains why water clarity is important, how it is measured, and the effects of decreased water clarity. There are also charts for changing English and metric measurements to transparency values. You can find the resource at: <http://watermonitoring.uwex.edu/pdf/level1/FactSeries-Turbidity.pdf>.



New Resources For Stream Monitoring



A Guide to Streamwalking was originally created for citizen monitoring groups involved with the N.C. Division of Water Resources Stream Watch program. It provides a good overview of site selection, general aquatic ecology, and the aquatic life that you may encounter in your monitoring. In addition, the appendices are invaluable tools, including:

- A Key to Benthic Macroinvertebrates
- Stream Diagnosis Tables
- Kicknet Creation
- Stream Survey Data Sheet
- Gross Water Quality Assessment
- Topographic Maps
- Vocabulary List.

You can download a free copy of *A Guide to Streamwalking* at [www.ncwater.org/Education and Technical Assistance/Its Our Water/](http://www.ncwater.org/Education%20and%20Technical%20Assistance/Its%20Our%20Water/).

Macroinvertebrate images are now available on the IOW Website. They are free for educational use, but please give credit to the Missouri Department of the Environment. These images could be used for a PowerPoint introduction to macroinvertebrates or for quizzes. They would also be great additions to the Project WET activity, Macroinvertebrate Mayhem.





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It's Our Water!
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www.ncwater.org

It's Our Water!...

- Is a North Carolina-specific high school Earth/ Environmental Science curriculum and resource guide for North Carolina students and teachers. It covers the importance of water quality, quantity, monitoring and maintaining water quality, and the impacts individual choices and actions have on water quality.
- Centers around field activities in a local stream that leads to a final report and recommendations by the class, coordinated with a series of videos, demonstrations, classroom activities, homework and quizzes.
- Is aligned with the new (2004) North Carolina Standard Course of Study for **high school Earth/Environmental Science**.

Would You Like to Host an It's Our Water! Workshop?

All you need to do is...

- Gather up 10 high school science teachers from your school or district.
- Pick a workday or other day you can meet for 6 — 10 hours.
- Find a place to have this meeting.
- Ask the school district or another sponsor to pay \$25 each for your materials (Including: It's Our Water! DVD and Curriculum Guide, Project WET, Healthy Water Healthy People Testing Kit Manual, and NC River Basin Booklet with inserts and posters, and more).
- Contact Holly Denham (holly.denham@ncdenr.gov), who will arrange for another facilitator or herself to come to your facility and work with your group learning about It's Our Water!



Educators learn about macro-invertebrate sampling in a local stream.