

Dr. I.C. Coldwater visits the Old Fort

Vol. 1; Issue 1; June 5, 2009

The Historic Old Fort, Inc. held it's second annual Education Day on Friday, May 15th. Through the coincidental meeting of Dr. I. C. Coldwater (Matt Jones, Water Resource Education Specialist) and one of the coordinators of this event, the ACPWQ was invited to participate in this event. Over 524 5th grade students were brought in from throughout Fort Wayne, New Haven and Allen County.



Dr. I.C. Coldwater presenting at the annual Johnny Appleseed Festival

Dr. Coldwater used his usual medicine bag of Project WET (Water Education for Teachers) activities with information on watersheds, regional water resource awareness and non point-source pollution.

[USE THE CONTACT INFORMATION TO BRING DR. I.C. COLDWATER TO YOUR SCHOOL, CHURCH OR SERVICE GROUP](#)

Volunteer Opportunities in Water Quality

The following events provide several volunteer opportunities with the ACPWQ. Please take the time to read the list. If you can volunteer, great; if not, please share the opportunity with others that may be interested. We hope to see you soon!

- 6/9 Project WET (Water Education for Teachers) Training
- 6/20 Eagle Marsh Open House-Booth/Activity Staff
- 7/19-20 3 Rivers KidsFest-Booth/Activity Staff
- 7/25 Allen Co. 4-H Fair-Booth/Activity Staff
- 8/22 Black Expo-Booth/Activity Staff
- Ongoing: Storm Drain Marking Coordinator
- Volunteer Coordinator
- Event/Presentation Coordinator

Newsletter Spotlight

WELCOME TO OUR NEWSLETTER!!!

Our goal is a newsletter 6 times a year. This letter will keep the reader aware of ACPWQ activities, opportunities, and issues concerning water quality in our area.

IN THIS ISSUE:

- Project WET Update -p.1
- In the News -p.2
- Educator Pages -p.3-4
- Other News -p.5
- Last Words -p.6



Update and Activity Spotlight

Bozeman, Mont., 01 May, 2009 – From swine flu to the common cold, hand washing is the simplest, most effective way of preventing germs from spreading. According to both the World Health Organization and the Center for Disease Control, the first and most important way to prevent infection and illness is to wash your hands.

But how do you get kids to properly wash their hands? Sing! To get kids focused on hand washing, and empower them to take responsibility for their health, Project WET created the *Hand Washing How-To* activity. Kids sing the **Hand Washing Song**: 20 seconds of soap, water and brisk rubbing rinse the dirt and germs away—including those that may transmit swine flu and other infections. — see pg 3&4

About Project WET

Through the publication and distribution of water resource materials, facilitation of workshops on diverse water topics, coordination of community water events and creation of a global network of water professionals, educators and scientists, Project WET is teaching the world about water. Through education, Project WET believes that individuals can be empowered to take action and develop sustainable solutions to community water resource issues. Learn more at www.projectwet.org.

IN THE NEWS...

Protecting Our Watersheds

July 14, 2009 - Marian College, Indianapolis, IN - 8:30 am - 4:30 pm

Hoosier Riverwatch will be partnering with Earth Force to offer a Protecting Our Watersheds workshop. This community action program from Earth Force / GREEN guides your middle school / high school class or adult watershed organization through the process of analyzing your data, determining where problems may exist in your watershed, and taking action in your community to protect water quality.

The workshop is free, but pre-registration is required! For more information or to register, **contact Janice Hicks Slaughter with the Life Science Education Center at jhslaughter@marian.edu or 317-524-7701.**

IDEM To Match Groups With Wetland Restoration Sites

by [Ron Lauster](#), [Marion County SWCD](#)

A new tool on the [Indiana Department of Environmental Management](#) (IDEM) Web site was unveiled recently. The tool will encourage the restoration and creation of wetlands, a vital part of Indiana's ecosystem. Wetlands, which store rainwater and slow the movement of floodwater, are often affected by construction and other land disturbing projects. Wetland replacement, which is required by law, is known as mitigation. Finding appropriate mitigation sites often takes a great deal of time.

Organizations that disturb wetlands through construction or other activities are required to restore or create new wetlands to offset the impact. In order to increase the probability that new wetlands will survive and to offset the amount of time it takes for the area to mature, groups must create more wetlands than they disturb. IDEM issues permits and water quality certifications for construction, excavation, and dredging projects in Indiana wetlands, streams and other water bodies. Hoosiers planning a project of this nature that could affect the quality of Indiana waters should call the IDEM Office of Water Quality Wetlands Program at 800.451.6027 or visit the Wetlands Program Web site at wetlands.IN.gov.

IDEM developed the wetland mitigation tool project in cooperation with the Indiana Department of Transportation (INDOT), the Indiana Department of Natural Resources (IDNR) and the Indiana Department of Homeland Security. In recent months, the agencies have been testing a version of the site. "The Volunteer Mitigation site is a revolutionary way to streamline the wetland restoration process," said Thomas Easterly, IDEM commissioner. "It will allow groups that need locations for wetland restoration to find and work with interested property owners easily and efficiently". The site will assist in the connection of property owners willing to provide land for mitigation and organizations that must complete mitigation as part of their project. The goal is to easily identify potential sites and streamline wetland restoration and creation. The public portal can be found at IdemMaps.idem.IN.gov/apps/MitigationVolunteer/ and is currently accepting entries from property owners.

IDEM implements federal and state regulations regarding the environment. Through compliance assistance, incentive programs and educational outreach, the agency encourages and aids business and citizens in protecting Hoosiers and our environment.

Hand Washing How To – Student Copy Page

When should we wash our hands?

Before

- Preparing food
- Eating
- Taking medication
- Taking care of an injury
- Going to bed

After

- Using the toilet
- Taking care of pets
- Wiping your nose
- Changing a baby
- Caring for someone ill
- Handling raw meat

How to wash your hands

1. Get ready

Have soap and clean water ready. Store soap where it can drain, so it does not sit in a pool of water,

which can waste soap and encourage germ growth.

Remove jewelry and roll up sleeves to the elbow.

Wet hands and wrists. Keep your hands lower than your elbows as you wash, so water flows to your fingertips rather than up your arms.

2. Wash!

Apply soap to your hands and lather thoroughly.

Use firm, circular motions to wash hands and arms up to the wrists, covering all areas, including palms, back of the hands, fingers, between and sides of fingers, knuckles, and wrists.

Wash hands for at least 20 seconds.

Repeat the process if your hands are very soiled.

Clean under your fingernails.

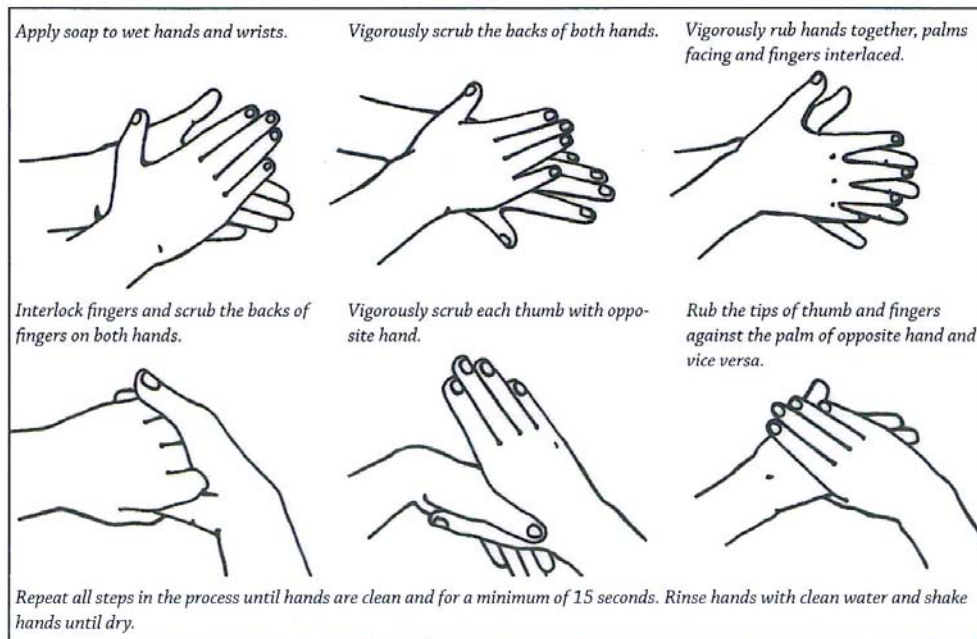
3. Rinse

Rinse your hands using running water, if possible.

Do not dip your hands into a basin of water to rinse them. The water will quickly contain dirt and germs that could re-contaminate hands.

4. Dry

Shake your hands dry to avoid picking up new germs from your clothing or towels.



Hand Washing Diagram



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In the activity, kids rate the merits of soap, brisk rubbing and rinsing with clean water and practice their hand-washing technique. They are reminded of the “before” and “after” of hand washing. Wash your hands **before** preparing food, eating, or going to bed, and **after** using the toilet, coughing or sneezing into hands, or blowing your nose.

Hand Washing Songs – Student Copy Page

Germs Get Washed Away

This song covers the entire process of hand washing in a rhythmic style.

I'm gonna tell you how it's gonna be
I'll wash my hands and I will stay healthy
I'm gonna wash 'em many times a day
With soap, those germs will get washed away
Soap and water will wash those germs away
Roll up my sleeves and get my hands wet

Lather up with soap and get ready, get set

And wash (*clap the rhythm*)

Wash (*clap the rhythm*)

Palms together, rub the bubbles around

Interlace the fingers, let me hear the sound

My thumbs and the sides of my fingers are next

Now the backs of my hands and any places I've missed

Bring on the clean water cuz I'm ready to rinse

And rinse (*clap the rhythm*)

Rinse (*clap the rhythm*)

Now my hands are clean, I'm gonna shake 'em dry

Shake 'em to the left and shake 'em to the right

Wave to my friends with all my might

Let the air do the drying to keep new germs away

And now I'm ready to go to school

Or eat (*clap the rhythm*)

Or sleep (*clap the rhythm*)

Or cook (*clap the rhythm*)

The Whole Hand Washing Song

Sing this to the tune of Freire Jacques. This song lasts 20 seconds, so it can be sung during the wash step of the hand washing how to.

Lather with soap
Rub your palms together
Now the backs
Of your hands
Interlace your fingers
Cleaning in between them
Now the thumbs
Clean your nails



Children with clean hands.



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The song, “Germs Get Washed Away” can use a rhythm very much like Buddy Holly’s “Not Fade Away.”

The meter and rhythm of this song works well with kids.

To host a Project WET Certification Workshop, please contact Angie Tilton, Indiana Dept. of Natural Resources/Natural Resource Education Center- Project WET State Coordinator at

projectwet@dnr.state.in.us

The Allen County Partnership for Water Quality/Project WET Facilitator is Matt Jones. You may contact him directly at:

matt.jones@one.usda.gov or 260/484-5848x111

CSI: Lake Erie

Ever wondered about the mysterious algae that creeps in and covers Lake Erie every summer? Wanted to track down some of the alien invaders people are always talking about or learn how a guy named Perry took back Lake Erie from the mighty British in 1813? Well, brush off your detective skills, grab your magnifying glass, and head to Put-in-Bay to discover some not-so-hidden clues at CSI: Lake Erie—the ultimate who-done-it.

These three-stop guided tours will have you uncovering mounds of evidence, starting at Perry's Victory and International Peace Memorial, where you'll learn about the Battle of Lake Erie very close to the scene of the crime.

Stop number two, the newly reopened Aquatic Visitors Center, will have you pulling out that magnifying glass to spot spirogyra and other organisms concealed in Lake Erie's waters, and the South Bass Island Lighthouse, your third stop, will bring to light the importance of working together to restore our most precious resources—the Great Lakes.

Once you've gathered all the clues, you'll head back to the memorial, where you'll be sworn in as an official Lake Erie Investigator and sign a pledge to become a better steward of our heritage and environment.

"CSI: Lake Erie will be a fun way to learn," says Melinda Huntley, Tourism Director for Ohio Sea Grant. "Our partnership with the National Park Service is an exciting one, because they bring their mastery of interpretation to the project. It also gives us an opportunity to link the science of Lake Erie to its history."

The tours will be held beginning at 10 a.m. Thursdays through Saturdays, July 2-September 6, 2009. Cost is \$5. For reservations, call the National Park Service at 419.285.2184, ext. 227.

Stone Laboratory Announces Guest Lecture Schedule

June 4, 2009

FOR IMMEDIATE RELEASE

COLUMBUS, OH – Stone Laboratory, Ohio State University's island campus on Lake Erie, has announced its 2009 Guest Lecture Series beginning June 18. Each Thursday evening lecture will begin at 7:45 p.m., lasting until approximately 9 p.m. Topics this season have a particular focus on the effects of the economy on resource management, with additional talks about the geological history of Lake Erie, agriculture, the science of deep ocean shipwrecks, Ohio State research, and the work of the Ohio Division of Wildlife.

Guests are invited to take a Lake Erie Water Taxi, at their own expense, at 7:15 p.m. from the Boardwalk Restaurant dock to Gibraltar Island, where they will be given a short tour before the lecture.

"I am sure Stone Laboratory has never had a more dynamic and influential cadre of speakers than we do in our 2009 lecture series," says Dr. Jeff Reutter, Director of Ohio Sea Grant and Stone Laboratory. "I encourage the public to come and take advantage of the opportunity to hear and interact with each of them."

Located on the 6.5-acre Gibraltar Island in Put-in-Bay harbor, Stone Laboratory is The Ohio State University's Island Campus on Lake Erie and the education and research facility of the Ohio Sea Grant College Program. The Ohio State University's Ohio Sea Grant program is part of NOAA Sea Grant, a network of 32 Sea Grant programs dedicated to the protection and sustainable use of marine and Great Lakes resources. For information on Ohio Sea Grant and Stone Lab, visit ohioseagrant.osu.edu

Contact:

Dr. Jeffrey M. Reutter, Director, Ohio Sea Grant: 614/292-8949, reutter.1@osu.edu, or
Jill Jentes Banicki, Assistant Director, Ohio Sea Grant: 614/292-8949, jentes.1@osu.edu

Obama's \$475 M Great Lakes Restoration Initiative: The Right Next Step for the Nation



The Northeast-Midwest Institute is a Washington-based, private, non-profit, and non-partisan research organization dedicated to economic vitality, environmental quality, and regional equity for Northeast and Midwest states.

This article (excerpt) by Allegra Cangelosi, Director of Ecosystem Projects at the Northeast-Midwest Institute (www.nemw.org), was originally published on www.HealthyLakes.org on May 19, 2009.

The federal effort to collaboratively develop a holistic Strategy to Restore and Protect the Great Lakes was launched under the Bush Administration in response to an Executive Order. All of the relevant federal agencies participated in the Bush-era process, as well as the Great Lakes Congressional delegation, tribes, cities, states, industry and the environmental community.

In preparation for the FY 2010 budget roll-out, the Obama Administration developed a list of specific "shovel ready" projects that were strictly consistent with this Strategy as targets for the FY 2010 funds. In essence, the Obama proposal for action respected the planning that took place under his predecessor, and provides a seamless transition to timely implementation.

Strategy Plan link is here: <http://www.glrc.us/strategy.html>



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Last Words:

"The finest workers in stone are not copper or steel tools, but the gentle touches of air and water working at their leisure with a liberal allowance of time."
Henry David Thoreau

Upcoming Trainings and Events

7/14 Protecting Our Watersheds Workshop/Indy, IN
7/17-18 Three Rivers Festival KidsFest "Super Bowl Surge"
7/25 Allen County 4-H Fair Kids Day "Drop in the Bucket"
8/3-7 Muncie, IN Summer EE Camp, "Dr. I.C. Coldwater"
8/22 Black Expo, "The Watershed Manager"
8/29 ACRES Land Trust "Nature's Filter"

LOCATIONS IN ALLEN COUNTY UNLESS NOTED

To remove your name from our mailing list, please [click here](#).
Questions or comments? E-mail us at matt.jones@one.usda.gov
or call 260/484-5848x111

For additional water quality links and resources, please visit:
www.acwater.org