



# Delaware Section of the American Water Resources Association DOWN STREAM DISPATCH

Volume 2

Summer 2008

## Delaware Student Chapter of the American Water Resources Association

By Maureen Seymour

Spring 2008 marked a significant event for the graduate students at the University of Delaware – the founding of the Delaware Student Chapter of the American Water Resources Association (AWRA). Our final recognition by the University of Delaware as an official student group took place mid-March. We have yet to triumph our greatest obstacle of becoming a joint organization of both graduate and undergraduate students recognized by UD, as well as AWRA. Consensus ruled to first establish the Delaware Student Chapter of AWRA as a graduate student organization. Once fully established as a graduate student chapter, our aspirations include reaching out to recruit undergraduates and other students within the state.

Long term goals aside, the fundamental objective of the student section is to promote awareness of water related issues in our communities. Our founding members are students in the School of Urban Affairs and Public Policy, but recruitment across campus, in the fields of engineering, marine studies, geography, and various other disciplines, is a priority of the group. The purpose of the multidisciplinary approach is

to expand our knowledge base and connections in the water resources field.

The interaction between the student and state chapters will assist with this objective by bridging the gap between the two sections and the fields represented among them. The formation of a mentoring program will provide guidance and exposure to the professional community, hopefully resulting in opportunities for internships and careers. This relationship is reciprocal in nature. The State Chapter benefits from investing in the future of the water resources field, while students gain from exposure, promoting our growth and knowledge of the water resources field.

The Student Chapter plans to attend the State Chapter meetings which will provide an opportunity for networking. We anticipate attending the upcoming Mid-Atlantic AWRA Conference and the 2008 National AWRA Conference in New Orleans this fall. In addition, the coordination of the two sections presents greater opportunities for involvement in the community. The Student Chapter will no doubt partake in many events with the State Chapter, such as Coast Day, Community Day, and Ag

Day at the University of Delaware. In addition to our participation with the State Chapter, we also have our own agenda. The first event for the student group was the Christina River Clean-up on April 19<sup>th</sup> and it proved to be a great success.

Not only do we aim to give back to the community through various events, we expect to have a little fun too. The student chapter will have several social events throughout the school year to keep members active and interested, as well as to attract new members. The potential activities include camping, canoeing, barbecues, intramural dodge ball, and touring a local brewery. (Water is necessary in the brewing of beer of course!) In essence, our ambition is to promote water resource management within the community and among ourselves in an enjoyable and enlightening atmosphere, which will encourage individuals to participate with us on our endeavors.

### Special points of interest:

- THE NEXT DE AWRA MEETING WILL BE HELD ON SEPTEMBER 9, 2008 AT THE STONWATER CREEK WATER AND WASTEWATER TREATMENT PLANT IN MILSBORO, DELAWARE.
- WE'RE LOOKING FOR IDEAS FOR OUR ANNUAL MEETING IN DECEMBER. PLEASE CONTACT DE AWRA'S PRESIDENT, LAURA WHALEN ([LWHALEN@DELAWAREESTUARY.ORG](mailto:LWHALEN@DELAWAREESTUARY.ORG)) TO PROVIDE INPUT.
- PLEASE CONSIDER NOMINATING SOMEONE FOR THE 2009 DE AWRA OFFICER POSITIONS. CHECK OUT DE AWRA'S WEBSITE FOR MORE INFORMATION.
- THANK YOU TO TINA CALLAHAN AND NICOLE MIINNI OF THE UNIVERSITY OF DELAWARE'S WATER RESOURCES AGENCY FOR THEIR WORK ON UPDATING THE DE AWRA WEBSITE, ([WWW.DEAWRA.ORG](http://WWW.DEAWRA.ORG)), TAKE A LOOK!



Members of the new Delaware Student Chapter of AWRA assist with the spring clean up at the University of Delaware, Water Resources Agency's rain garden.

CHECK OUT THE  
LATEST  
ADDITION TO  
AWRA'S WEBSITE,  
THE AWRA BLOG,  
WWW.AWRA.ORG

## Meet Our Members!

The newsletter subcommittee will be showcasing one or two DE AWRA members in each edition of the DE AWRA newsletter. It is our hope that by showcasing our members the entire group will learn more about our membership and the diversity of skills and benefits that we can offer each other. If you are interested in being showcased or know someone who is a member and should be showcased in the next newsletter please contact Martha Corrozi at [mcorrozi@udel.edu](mailto:mcorrozi@udel.edu) or 302-831-4931.

Jennifer Campagnini and Woody Maloney, DE AWRA's two newest Board members, are our first members to introduce themselves.

### Jennifer Campagnini

**Full Name:**  
Jennifer Campagnini

**Education:**  
BS Natural Resources Management, University of Delaware

MS Public Administration, Wilmington University, Expected 2009

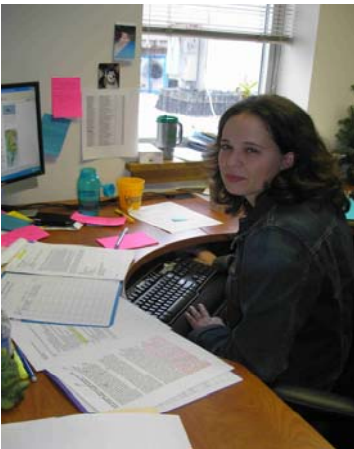
**Current Position:**  
Planner IV, DNREC Division of Soil and Water Conservation, Drainage and Stormwater Section

DE AWRA Board Member

**Experience:**  
Prior to her current position, Jen worked with the DNREC Watershed Assessment Section as an Environmental Scientist to organize and assist Tributary Action Teams to develop recommendations for the state's Pollution Control Strategies. During her undergraduate studies at the University of Delaware Jen completed a research project through the University of Delaware's Institute for Public Administration-Water Resources Agency to develop the University of Delaware Experimental Watershed. Jen's research was published by the American Planning

Association (APA) in conference proceedings.

**Personal Statement:**  
In my "spare" time I am a reservist in the US Coast Guard. I also enjoy riding my bike in the MS 150 Bike to the Bay each year, and I have a family.



Jen works diligently at DNREC.

### James "Woody" Maloney

**Full Name:**  
James Woodruff Maloney, Jr.

**Education:**  
MS Geology, University of Louisiana at Lafayette

BIS Geology, University of South Carolina, Aiken

Summer Hydrogeology with Clemson University

**Current Position:**  
Resident Project Representative, Geologist, Davis, Bowen & Friedel, Inc.

DE AWRA Board Member

**Experience:**  
Woody has conducted geologic, hydrologic, geotechnical engineering and environmental remediation projects in many places in the United States and the Caribbean.

**Personal Interests:**  
Woody is continuing his environmental studies and remediation, and enjoys playing court tennis, golf and attending/officiating Steeplechase races.



Woody Maloney and his wife.

# DNREC Commissions a Study of the Broadkill and St. Jones River Watersheds

By Pete Mandeville

The health of our rivers is not just dependent on the main stem waters themselves, but also on the tributaries flowing to them. In fall 2007 the Delaware Department of Natural Resources and Environmental Control (DNREC) commissioned a study of the watershed areas of two major rivers in Delaware. The Broadkill River, located in the northeast corner of Sussex County, drains a watershed area of 110 square miles. This river flows forth from Wagamon's Pond in the town of Milton and flows easterly towards Delaware Bay eventually outletting just north of Lewes. The St. Jones River, which originates along the northwest of the Broadkill River in Dover has a slightly smaller watershed area at 86

square miles. This waterway is approximately 11 miles long, flowing forth from Silver Lake and eventually makes it way into the Delaware River just north of the Murderkill River in Bowers.

The study, which was conducted by Duffield Associates, Inc. assessed the overall health of the tributaries feeding these two major rivers. These tributaries were evaluated for many critical features including width, depth, vegetation, habitat, riparian buffers, crossings, and obstructions. DNREC will use this information to target troubled areas and prioritize efforts to improve the health of these waterways. This information was gathered through the help of many

volunteers who have a deep concern for their local waters. A key group of individuals, the Tributary Action Teams, were responsible for a large portion of this effort. These individuals are local citizens that are committed to reducing water pollution and improving the overall health of the streams in their surrounding neighborhoods and towns.

If you would like to find out more information about Tributary Action Teams in your area, contact DNREC or read more about them at the following link:  
<http://www.dnrec.state.de.us>



Laura Whalen and Judy Denver measure a culvert stream crossing on a tributary of the St. Jones River.



Pete Mandeville trying to tackle the brush along the Broadkill River with half of a machete.

## News from the Delaware Nature Society: The Delaware Watershed Lecture Series Continues Downstate

By Ginger North

### Millponds in Milford: Our History Preserved For All to Enjoy

Millponds not only offer an enduring reminder of our agricultural history, but also play a critical role in local watersheds by providing exceptional habitat for migratory birds and rare plants and serving as vital recharge areas for groundwater aquifers.

The lecture will be held Wednesday, **August 20<sup>th</sup>, 6:00 p.m. at Abbott's Mill Nature Center**, located on 15411 Abbott's Pond Road, Milford, Delaware.

Join us on a walk along a part of the Mill Loop Trail to enjoy these special and increasingly rare areas of our natural and cultural landscapes and learn more about efforts to preserve and protect Milford's Millponds for future generations.

The walk will be lead by **Jason Beale**, Abbott's Mill Manager, and discussion on the role millponds play in both our natural and cultural history will be lead by **Margot Chalfant**, Land Preservation Coordinator for the Delaware Nature Society, and **Paul Layton**, member of the

Governor's Greenways Council and Abbott's Mill Conservation Volunteer.

Free refreshments provided. **Free native plants** to the first 50 attendees, (plants provided by Landscape Essentials, Dover, Delaware).

**RSVP** to Ginger North at 302-239-2334 extension 100 or [ginger@delawarenaturesociety.org](mailto:ginger@delawarenaturesociety.org).

### The Delaware Watershed Lecture Series

#### Millponds in Milford: Our History Preserved For All to Enjoy

**August 20<sup>th</sup>, 2008 at 6:00 p.m. at Abbott's Mill Nature Center in Milford, Del.**

# Upcoming DE AWRA Events

## Ongoing

The DE AWRA has established several committees in order to meet the goals and objectives of the section. Please contact Laura Whalen ([lwhalen@delawareestuary.org](mailto:lwhalen@delawareestuary.org)) if you are interested in participating on one of the following committees: Research and Policy, Fundraising and Membership, Student Chapter, Events/Outreach, and Newsletter. Detailed information can be found on our website ([www.deawra.org](http://www.deawra.org)).

## Summer Volunteer Opportunities

Greater Philadelphia Cares mobilizes volunteers each month to serve on volunteer projects throughout the region. The group partners with schools, social service agencies, environmental groups, and non-profit organizations to tutor, feed, assist, revitalize, and enrich, and much more! Check out the website for a calendar of volunteer needs: <http://www.gpcares.com/>

**July 1, 2008**

**Green Drinks Newark**

**7:00–8:30 p.m. at the Homegrown Café**

**126 East Main Street**

**Newark, Delaware**

A casual get together to bring together those who share a passion for the environment, sustainable/green living, energy efficiency and green power, green transportation, environmental legislation and advocacy, green product-sourcing, healthy living and, well, you get the picture. Check out the website for more information:

<http://www.biothinking.com/greendrinks/index.php?country=USA&city=Newark,%20DE>

**August 19, 2008**

**Gubernatorial Candidates Forum**

**6:30–9:00 p.m. at the Jewish Community Center**

**101 Garden of Eden Road**

**Wilmington, Delaware**

The Sierra Club of Delaware's Political Committee is hosting a gubernatorial debate on environmental issues. All filed candidates are planning on attending! Save the date! For further information contact the chapter office at 302-351-2776 or [politics@delaware.sierraclub.org](mailto:politics@delaware.sierraclub.org).

**September 9, 2008**

**DE AWRA General Meeting**

**2:30–4:00 p.m.**

**Sussex County**

Artesian Water Company will lead a tour of the Stonewater Creek Wastewater Treatment Plant and Water Treatment Plant. Detailed information can be found on our website ([www.deawra.org](http://www.deawra.org)).

**If you have information on water related meetings, events, or conferences in Delaware or the surrounding region that you would like posted on our website or in our next newsletter (scheduled for this fall), please contact Laura Whalen at [lwhalen@delawareestuary.org](mailto:lwhalen@delawareestuary.org).**



Joanne Rufft, of Artesian Water Company, enjoys the DE AWRA canoe outing at St. Jones Reserve.