



Show-Me Chapter Newsletter

September 2005

WOW! It IS the Water by Craig King

"It's *The Water Workshop*", A Regional Conference of the West North Central Region, Soil & Water Conservation Society, was held September 13-15, 2005, at the Quality Inn & Suites in Hannibal, Missouri. All five states, Wisconsin, Minnesota, Iowa, Illinois, and Missouri, were well represented.

Eric Banks, NRCS Area Conservationist, opened the workshop with a welcome to Northeast Missouri and the importance of water quality and non-point pollution in the area. Jim Gulliford Region-7 EPA, gave a conference overview on ideas and concerns to think about during the workshop.

The first plenary session- "*Ag/Water Quality-Where Are We and Where Are We Going?*", was covered by Jim Gulliford Region-7 EPA and Dan Lawson-USDA-NRCS.

A wide variety of speakers were present and many areas of water quality were covered. Some of the topics covered in breakout sessions were; Nitrogen Management, Evaluation and Strategies of Water Quality Concerns in the Upper Mississippi Basin, Emerging Issues, and Phosphorus Indices, an Understanding of the Upper Mississippi Strategies. Speakers included Soil Scientist from USDA-NRCS, University of Minnesota; Researchers from The University of Wisconsin and Private Industry: Rural Water Commissions from Iowa and Missouri. Other organizations represented were; MoWin, University of Missouri, Iowa DNR, Missouri DNR, Iowa State University, Ag Engineer- Illinois.

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Chapter Members in Rochester, NY.

President's Corner By Steve Wilson

TOP 10 LIST OF ATTENDING ANNUAL CONFERENCE

I've been pouring over past copies of our newsletter, reviewing information that has been promoted, discussed, and examined by previous President's in this column. I came to the conclusion that not one of our illustrious President's have ever gone on the record with a top ten list. So....here is my top ten list of reasons to attend the International SWCS Annual Conference.

10. Present the same poster, but to different people.
9. See the same posters, but with different people.
8. Present the same paper, but to different people.
7. Hear the same paper, but with different people.
6. Hear a different paper, with different people, but on the same subject.
5. See parts of the US and Canada not normally considered by most people for vacations, and learn about the natural resource concerns in their neck of the woods.
4. Explain why the Show-Me Chapter doesn't mean we're all illiterate and try to explain why we have some of the best State Conservation programs around.
3. Learn about the successes from other Chapters, (and deduce that we're doing pretty well).
2. Consort with important people (or a least people that think they are important) and meet those people whose names you have seen many times, but never met.
1. The only opportunity to see and visit with old friends and colleagues that have moved away from Missouri, while on the clock.

As you can see from this list the reasons are very compelling to attend the next SWCS International meeting in Keystone, Colorado (in the end of July?).

Truly the experience is worth the expense of travel, the days away from the office to listen to others' stories, compare notes on projects, and just see and be seen by people. I encourage everyone to consider the possibility of attending next year.

**Missouri Show-Me Chapter
Annual Fall Forum**

Phosphorus-Based Nutrient Management

October 20, 2005
9:00 am to 3:30 pm
George Washington Carver Center
3804 Bald Hill Road
Jefferson City, MO

Come join us at the Fall Forum to gain knowledge about phosphorus-based nutrient management and learn how it's affecting the agricultural industry.

Fall Forum Agenda

- 9:00-9:30 **Registration & Refreshments**
Moderator: *Bob Ball*, Show-Me Chapter SWCS
- 9:30-9:50 **Overview of the Revised CAFO Regulations**
Ralph Summers; Region 7 CAFO Permit Coordinator, Environmental Protection Agency
- 9:50-10:15 **CAFO Regulations & Nutrient Management Requirements** *Randy Kixmiller*, Agricultural Unit Chief, Department of Natural Resources
- 10:15-10:45 **Nutrient Criteria Plan**, *Mark Osborn*, Environmental Specialist, Department of Natural Resources
- 10:45-11:45 **Using the Missouri Phosphorus Index**
John Lory, Associate Professor of Extension, University of Missouri-Columbia
- 11:45-12:30 **Lunch (Onsite for participants registered by October 13th)**
- 12:30-1:30 **My Field is High in Phosphorus. Now What?**
John Lory, Associate Professor of Extension, University of Missouri-Columbia
- 1:30-2:00 **Missouri Phosphorus Issues as Viewed by an Economist in the Space Shuttle**
Verel Benson, Environmental Program Director, Food and Agricultural Policy Research Institute
- 2:00 – 3:20 **Panel Discussion w/ Q&A**
Moderator: *Bob Broz*, Show-Me Chapter SWCS; *Dr. Paul Tracy*, Director of Agronomy Services, MFA Incorporated
Dennis Feezor, Manager, Early Bird Compost
Robert Brundage, Missouri Pork Association; *Kelly Smith*, Marketing and Commodities Director, Farm Bureau
Mark White, Assistant Director of Agronomy
Bob Bacon, Director of Aquatic Services, Environmental Resources Coalition
- 3:20 **Wrap-up and Adjourn**

**Missouri Show-Me Chapter
Annual Fall Forum Registration Form**

Name: _____

Address: _____

Phone/Email: _____

Affiliation (circle one) SWCS Member / Non-member

Business/Agency/Organization _____

Registration Fee: \$16 for SWCS and \$20 for non-members
prior to October 13th-lunch provided

\$25 after October 13th for everyone
lunch not provided

There is limited seating so early registration is recommended.

Checks should be made out to: Show-Me Chapter, SWCS.

Please mail registration to: Attn: Shawn Keller
USDA Service Center
160 St. Peters Centre Blvd.
St. Peters, MO 63376

Questions-Contact: Renee Cook at 636-922-2833 Ext. 3 or
e-mail renee.cook@mo.usda.gov

Continuing education units (CEUs):
Continuing Education Units (CEU) credit has been applied for under the Certified Crop Advisor Program through the Missouri CCA Board. Although this approval has yet to be granted, we are confident these credits will be approved. CEUs recognized by the Missouri Board are accepted by Illinois, Iowa, Kansas, Nebraska, Oklahoma, and Arkansas. Individuals or organizations attending the workshop needing CCA CEUs must sign in and out of each session they attend.

CEUs offered at this workshop will also count towards NRCS Certified Nutrient Management Planners required CEUs.

Questions or concerns regarding CEUs should be directed to Diane Bradley diane.bradley@mo.usda.gov

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Wednesday afternoons' session was titled, "Industry Speaks". An early lunch was served and then the participants were enlightened and entertained by Virgil McDonald, a brewmaster for Anheuser-Busch, St. Louis, Mo. Virgil explained how important clean water was to produce a high quality product. Virgil showed a power point while explaining the beer making process, which included taste-testing at each table. The audience was able to sample beer as it went through the various stages.

The remainder of the afternoon concluded with two tours, which included the high-tech BASF ag-chemical plant and waste water treatment facility located next to the Mississippi River, and the technologically advanced Continental Cement Factory that combines cement kiln dust with yard waste to create artificial soil that is being used to reclaim their quarries. The cement factory also burns paint thinner, used oil, and other waste materials in their kiln.

Many water quality areas were covered by the 26 exhibits that filled the lobby area. From MDC's mussel table to new technology in mapping, something was there for everyone. While taking in the exhibits on Tuesday evening, the participants enjoyed a reception around the pool area. A portion of the reception was sponsored by the Missouri Dept. of Ag-Missouri Wine Council, and Golden Eagle Dist, (Anheuser-Busch), Hannibal, Mo.

This was truly a successful and meaningful workshop. Many areas were covered from hands-on technical to political overviews on what has happened and what to think about for the future. A big Thank You goes out to everyone who helped out in making this conference a success, especially the people who came and participated.



WHAT'S NEW ON SWCS.MISSOURI.EDU?

- PRESENTATIONS FROM *IT'S THE WATER WORKSHOP* IN HANNIBAL ARE POSTED [LINK FROM HOME PAGE]
- AUGUST 18, 2005 EXECUTIVE COUNCIL MINUTES ARE POSTED [EVENTS PAGE]
- NEW PICTURES IN THE PHOTO GALLERY FROM THE SWCS INTERNATIONAL CONFERENCE AND *IT'S THE WATER WORKSHOP*. [EVENTS PAGE, PHOTO GALLERY LINK]
- DIRECTORY PAGE NOW ONLY SHOWS MEMBER NAMES AND EMPLOYERS. CONTACT YOUR AREA COUNCILPERSON IF YOU THOUGHT EMAIL ADDRESSES WERE A VALUABLE TOOL. [DIRECTORY PAGE]
- SUMMER NEWSLETTER (THE ONE THAT YOU ARE READING) IS POSTED [NEWSLETTER PAGE]
- 2005 SCHOLARSHIP INFORMATION IS POSTED [SCHOLARSHIP PAGE]

SPECIAL NOTICES

- NW AREA LUNCHEON, SEPTEMBER 30TH, 1:00PM AT CT'S IN CAMERON, MO. CHECK THE WEBSITE REGULARLY FOR UPDATES AND PROGRAM INFORMATION. [HOME PAGE]
- SHOW-ME CHAPTER SCHOLARSHIP INFORMATION AND THEME ARE POSTED. PLEASE DIRECT STUDENTS AND EDUCATORS TO THE WEBSITE FOR THE POSSIBILITY OF EARNING \$1000 OR \$500. DUE DATE IS NOVEMBER 28, 2005. [HOME OR SCHOLARSHIP PAGE]
- CHAPTER AWARD NOMINATIONS DUE TO DAVE JOHNSON BY NOVEMBER 15, 2005. [HOME PAGE]
- LONG RANGE PLAN REVISIONS DUE TO KIM WORTH BY OCTOBER 21, 2005. [LONG RANGE PLAN PAGE]

CHAPTER AWARD NOMINATIONS are due by November 15, 2005 to Dave Johnson (dave.johnson@mo.usda.gov).

and the categories are...

Professional Conservationist of the Year
Volunteer Conservationist of the Year
Conservation Educator of the Year
Conservation Media Person of the Year
Legislator of the Year

Please write a narrative (one page) as to why your nominee is deserving of the award. The award recipients will be recognized at the Annual Business Meeting at Tan-Tar-A on February 2, 2006.

Award recipients from 2005 were Gary Van de Velde – Conservationist; Ray Moore – Volunteer; Randy Miles – Educator; Jim Penprase – Media; and Representative Dennis Woods – Legislator.

Membership Numbers

Submitted by Jennifer Samuels

As of the beginning of August we had a total of 9 new members... 7 of these are the students from the winning Envirothon team. We were lucky and only had one terminated member since June. We have one member who transferred in from Montana, please welcome all of these new members. The breakdown by region is as followed:

Northwest:	32
Northeast:	41
Central:	86
Southwest:	54
Southeast:	15

This gives us a total of 228 members. Up nine from the last newsletter. Please continue to recruit new members.

SWCS ELECTIONS ARE UPCOMING

Submitted by Tammy Teeter

It is that time of year again that I get the opportunity to call or email many of you to see how things are going with your job and life and also to see if you are ready to become a little more involved with YOUR SWCS Chapter!!

This year is not any different than years past, we are needing some good members to agree to be a candidate to represent the members of our Missouri Chapter of SWCS.

We have openings in the officer area and council positions for each area of the state. I am working on getting names and would appreciate any help you could give me. I have found out myself, by attending meetings and getting a little more involved, that it takes a lot of people to make our society successful. We have some great members out there and I hope to hear from you soon!

It's time to plan for... The Missouri Natural Resource Conference, February 1-3, 2006 at the Tan-Tar-A Resort in Osage Beach, Missouri. Information can be obtained at www.mnrc.org. Look for information about registration, affiliated meetings, poster/paper presentations, and social activities as more information is added to the website.

It's not too early to... Start considering soil and water papers/presentations for the 2007 conference. MNRC is getting prominent enough that there is sometimes an over-abundance of presenters, and we do not want any of our members left out. SWCS would like to have a good showing of presenters at every conference. Ideas can be given to Diana Sheridan (diana.sheridan@mo.usda.gov) or Kim Worth (kim.worth@mo.usda.gov) and will be forwarded to the conference committee.

MNRC 2006: MANAGING THE PUBLIC'S TRUST AMID COMPETING VOICES

WHAT IS THE "PUBLIC TRUST DOCTRINE"? AND WHY SHOULD NATURAL RESOURCE PROFESSIONALS CARE?

The Public Trust Doctrine is an historical and currently evolving concept relating to the ownership, protection and use of essential natural and cultural resources. It is receiving increased attention in the United State because of the growing awareness of the duty of care owed the environment.

The origins of the Public Trust Doctrine were the declaration of the Justinian Institute that there are three things common to all mankind: air, running water, and the sea (including the shores of the sea). Title to these essential resources or the common are held by the State, as sovereign, in trust for the people. The purpose of the trust is to preserve resources in a manner that makes them available to the public for certain public uses.

There are two co-existing interests to trust lands: the jus publicum which is the public's right to use and enjoy trust lands; and the jus privatum which is the private property rights that may exist in the use and possession of trust lands. The State may convey the jus

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2006 SWCS

BETTY BROEMMELSIK SCHOLARSHIPS

Submitted by Beverly Maltsberger

Objective: The SWCS/Betty Broemmelsiek Memorial Scholarships provide financial assistance to students wishing to pursue studies with a natural resource conservation orientation at properly accredited colleges or universities.

Amount: One \$1,000 First Place scholarship and one \$500 Second Place scholarship will be awarded. Scholarship recipients also receive a complimentary one-year membership in SWCS and the local chapter.

Applications: Applications for 2005-2006 must be **postmarked by November 28, 2005**. The scholarship application form is available on the Missouri Show-Me Chapter, SWCS web site home page (<http://swcs.missouri.edu>) or by contacting Beverly Maltsberger, Buchanan County Extension Center 4125 Mitchell Ave., PO Box 7077, St. Joseph, MO 64507-7077, phone (816) 279-1691 email: maltsbergerb@missouri.edu.

From the web site, Click to view the 2005-2006 application form online, or to download an MS Word document containing the application. (Right-click on the link and save the document, then view in Word.)

Each application must include:

- 1) An essay submitted in an MS Word document file as described on the application form
- 2) Two letters of recommendation (school advisor, teacher, employer, community leader, etc.)
- 3) List of positions of leadership and conservation activities, including dates and related organizations.
- 4) Most recently available high school and/or college transcript (copy)

NORTHWEST AREA LUNCHEON

Submitted by Kim Worth

All SWCS members in NW Missouri are invited to attend a luncheon at CT's Walnut Street Grille in Cameron, MO on Friday, September 30th at 1:00pm. The primary purpose of the meeting is to become acquainted with and interact with other NW Missouri SWCS members. Show-Me Chapter officers will be present to discuss ongoing activities and to plan for the future. The program will likely last from 1:00-3:00pm, with the possibility of a tour or group activity following. We will be ordering off of CT's menu.

Check <http://swcs.missouri.edu> for more details as they become available. Questions may be directed to Kim Worth at kim.worth@mo.usda.gov. RSVP to Kim is not required but would be appreciated. CT's Walnut Street Grille is located at 512 N. Walnut Street in Cameron, MO; CT's phone number is 816-632-6311.



The counties included in the NW Area are Atchison, Nodaway, Worth, Gentry, Harrison, Mercer, Holt, Andrew, DeKalb, Daviess, Grundy, Buchanan, Clinton, Caldwell, Livingston, Platte, Clay, Ray, Carroll, Jackson, Lafayette, and Saline Counties, but any SWCS members in the area are welcome.

Jennifer Samuels
1407 W. 32nd Street
Sedalia, MO 65301-9701

ADDRESS CORRECTION REQUESTED

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privatum to private owners, but this private interest is subservient to the jus publicum which is the State's inalienable interest that it continues to hold in the trust land or water.

Sovereign responsibility for protection of the environment has been growing in nations individually and collectively. In the United State, the National Environmental Protection Act (the environmental impact statement law) declares that, "[I]t is the responsibility of the Federal Government to use all practicable means...to...fulfill the responsibilities of each generation as trustee of the environment for succeeding generations...."

This has resulted in new attention to the Public Trust Doctrine as a legal framework for resource planning and management.

Excepts from *An Introduction to the Public Trust Doctrine* by Paul M. Bray, Government Law Center, Albany, New York

Additional information is available by searching for "Public Trust Doctrine" using your favorite Internet search engine.

PLEASE PLACE
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