

Great Rivers



International Erosion Control Association

NEWSLETTER

A newsletter for Members and Friends of the Great Rivers Chapter of the International Erosion Control Association

Volume 4, No. 1

SPRING 2003

President's Column *by Shirley D. Morrow*

As I look back over the last five years of the Great Rivers Chapter, I see a lot of changes and growth. I think we are heading in the right direction and I hope you think so too. We had our most successful conference ever last fall and we are going to have a wonderful 2-day workshop this spring in Lincoln, Nebraska. The one thing that is consistent right now is that everyone is asking for training. So training we will provide! IECA has some wonderful classes we can bring to you and I will provide a 4-hour course at the IECA Annual Conference in Las Vegas and again at the Nebraska Spring workshop on Construction site BMP inspection and maintenance. With the new Phase II regulations coming out full force now, everyone wants inspector training. If you are interested in this training, please let me know.

The other thing that I am working very hard to provide you with, is the very latest information on erosion and sediment control technology. It is long past time for contractors to get away from using straw bales and ringing a site with sediment fence and calling it good. There are a lot of new products out there and some that aren't new but they aren't used much so you don't know about them. One

area I feel I have failed in getting the contractors and plan designers to the conferences and workshops to meet the product vendors and learn about the products. We will keep working on this.

We also need to increase the membership of the Chapter. As we grow in membership we can provide more outside speakers and training like last October at the conference. Our speakers were a big hit. If you aren't currently a member of the Chapter, please contact IECA and send an additional \$20 with your annual dues. We can provide so many more benefits to you locally with the additional revenue.

This will be my last President's column for awhile. I have been President long enough and it's time to have someone else at the helm. I will stay as involved as I can on the board with committees but with my commitments to the IECA as board member and providing training, I am spread thin these days. It has been a great ride. Hope to see you in Lincoln, Nebraska in March and we will be back at Harrah's Casino in October.

Thanks for your support over the years!

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Chapter Spring
Workshop & Expo**

This newsletter is published by the Great Rivers Chapter of the IECA. Contact Bill Gonzalez at Contech 10895 Lowell, Suite 350 Overland Park, KS, 66210 (913) 906-9200 BGonzalez@contech-cpi.com



Officers

President
Shirley D. Morrow, CPESC
Burns & McDonnell
9400 Ward Pky. • Kansas City, MO 64114
(816) 822-3913 • Fax (816) 822-3515
Mobile (816) 803-8763
Smorrow@burnsmcd.com
Term Expires: May 2005

Vice President
Donald Thiemann
ASP Enterprises
275 Northwest Blvd. • Fenton, MO 63026
(636) 343-4357 • Fax (636) 343-4723
Mobile (314) 630-9942
Dont@aspen.com
Term expires: May 2005

Treasurer
Sara Hinken
The Carter-Waters Corporation
2440 West Pennway • Kansas City, MO 64141
(816) 471-2570 • Fax (816) 421-1627
Mobile (816) 805-9476
shinken@carter-waters.com
Term Expires: May 2003

Secretary
Les Barnt, P.E.
George Butler Associates, Inc.
9801 Renner Blvd. • Lenexa, KS 66219
(913) 492-0400 • Fax (913) 577-8346
Direct (913) 577-8363
Lbarnt@gbutler.com
Term Expires: May 2003

Get it RIGHT — the FIRST time!

By John E. Warren, CPESC

Looking back to the seeding practices I used as a landscape contractor it's amazing that we got any grass to grow, considering how we were taught to establish vegetation at the time. We were only partly concerned with the pH of the soil and then we would add the standard 12-12-12 fertilizer to a basic bluegrass / fescue / rye seed mix and about 1,500 pounds of wheat straw for mulch. Usually, we would just rough up the soil surface and broadcast the seed then hand spread the straw without tacking it down. If the mulch and seed didn't blow away, if it rained enough to germinate the seed but not so much to cause erosion and if there was any fertilizer left to offer nutrients, we might actually see some green!

The best part of seeing green is that once the customer saw that grass was growing they usually paid. On the other hand when things didn't fall into place and the conditions were not right, we were often called back to repeat our seeding process again, this time we paid for it.

Today, if you are a contractor your odds of seeing green sooner just got better. Several suppliers now inventory products to increase your chances to get it right the first time. These products sound very complicated with names such as Mycorrhiza, Polyacrylamides, Humic Acid and Micronutrients. In reality, these products may be easier to use than the way we used to do it. You can now achieve sod-like results in as little as 3-4 weeks and reduce your labor requirements at the same time. If you really want to know all there is to know about these materials many suppliers would be glad to offer expertise, however you may just want to know the basics and how you can be successful using them.

A short primer on the various products, all of these can be used in conjunction with normal hydroseeding equipment or even added with a water truck. Many can even be broadcast in a dry mix, the best way depends on the site and equipment you have.

They are as follows:

ARBUSCULAR MYCORRHIZA – Simply put, this is nature's way of creating a mutually beneficial partnership between fungi and plants. By adding this to your mix you help establish the root system quicker and achieve a greater long term success rate by increasing the plants ability to reach vital nutrients and moisture.

FINN HYDROMAX – This product is a combination of Finns best additives for hydroseeding applications. It combines their HG-Germination Enhancer, HST-Liquid Soil Treatment and MB-Microbial Bacteria products into one easy to use product. Using the recommended application rate of 5 gallons per acre (approx. cost \$165.00/acre) you can dramatically increase your vegetation establishment. Each jug contains natural plant growth hormones and vitamins to stimulate earlier germination and root growth, microbes which are required to "free up" the Phosphorus for conversion into plant nutrients, Humic Acid which benefits various soil types by reducing the leaching of the fertilizer and creating pore space in highly compacted soils allowing microscopic aeration to occur and along with the non-polymer water retention surfactants which play a major role in moisture infiltration and retention. All of this means a quicker, greener, longer lasting vegetative stand with less labor and water and fertilizer needed.

POLYACRYLAMIDES – PAM, the more frequently used acronym for a wide range of anionic polymers is a not so new material that is quickly gaining use by virtue of its effectiveness in preventing soil erosion while improving soil structure and retention of nutrients. The soil specific material can be applied with hydraulic equipment or dry granular forms can be spread with normal agricultural equipment. The best part is that is non-toxic to aquatic organisms and less expensive than many types of mulch.

As is the case with many products, they must be used correctly in order to achieve the desired results. However, used properly you can be more profitable and still create a better long-term green solution for your customer.



Calendar Of Upcoming Activities & Events

The American Planning Associations 2003 Nat'l Planning Conference *March 29-April 2, 2003 in Denver* www.planning.org

"How To Select, Install and Inspect Construction Site Erosion and Sediment Control BMPs for NPDES Storm Water Permit Compliance" class *February 4, 2003* Holiday Inn Select, Tulsa, Oklahoma www.ieca.org

"How To Write and Implement a SWPPP" class *February 5, 2003* Holiday Inn Select, Tulsa, Oklahoma www.ieca.org

Great Rivers Chapter Workshop *March 24-25, 2003* at the Cornhusker Hotel in Lincoln, Nebraska www.greatriversieca.org

Urban Resources & Borderland Alliance Network (URBAN) – Conservation Workshops for Growing Cities:

"Focus on Prevention" – Instructors Jay Michels and Jay Riggs *February 11, 2003*

"Certified Professional in erosion and Sediment Control tutorial" *March 20, 2003*

For more information: Jennifer Welch 515-964-18883, ext.3 or www.urbanwaterquality.org

IECA 34th Annual Conference & Expo *February 24-28, 2003* at Rio Suite Hotel in Las Vegas www.ieca.org

International Erosion Control Association

Great Rivers Chapter
BOARD OF DIRECTORS
2002 – 2003

*In addition to the Officers,
the following people serve on
the Board Of Directors.*

Tom Carpenter, CPESC
Carpenter Erosion Control
3718 SW Court Avenue
Ankeny, IA 50021
(515) 964-1267
Fax (515) 964-0151
Tom@tommy-sfm.com
Term Expires: May, 2004

Bill Gonzalez
Contech Construction Products
10895 Lowell Suite 350
Overland Park, KS 66210
(913) 906-9200
Fax (913) 906-9400
BGonzalez@contech-cpi.com
Term Expires: May, 2003

Wade Howard
Erosion Check, Inc.
39104 E. Nivens Rd.
Oak Grove, MO 64075
(816) 690-4450
Fax (816) 690-4833
Mobile (816) 225-4276
Hwade992@aol.com
Term Expires: May, 2004

Glenn Lloyd Jr., P.E.
Missouri Dept. of Natural Resources
P.O. Box 176
Jefferson City, MO 65102-0176
(573) 526-6627
Fax (573) 526-5808
Nrlloyd@mail.dnr.state.mo.us
Term expires: May 2005

Curtis Talcott
Peridian Group, Inc.
500 Rockledge Road, Suite A
Lawrence, Kansas 66049
(785) 838-3338
Fax (785) 838-3339
Mobile (913) 221-7904
ctalcott@peridiangroup.com
Term expires: May, 2004

Deirdre (DeDe) Vest
Natural Resources
Conservation Service
1786 S. 16th Avenue
Ozark, MO 65721
(417) 581-2719 ext. 111
Fax (417) 485-3863
Dede.vest@mo.usda.gov
Term expires: May, 2004

National Contact
Meg Tully
International Erosion
Control Association
P.O. Box 4904
Steamboat Springs, CO 80477-4904
800-455-4322

Annual Conference Committee
John E. Warren, CPESC
ASP Enterprises, Inc.
109 N.W. Victoria Drive
Lee's Summit, MO 64086
800-519-2304 or
Local (816) 554-1191
Fax (816)-554-2262
Mobile (816) 590-8657
Johnw@aspent.com



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402.861.8592-Fax
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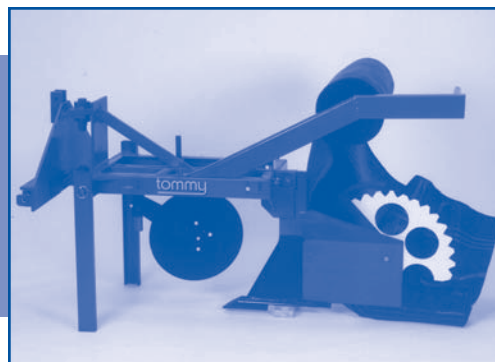


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We Support The Great Rivers Chapter Of The IECA

WE ARE ON THE WEB!!!

Check out www.greatriversieca.org for the latest information on workshops, conferences, regulations, calendar of events, and the latest and greatest in the industry. We will post the newsletter on the site and all the latest information. You can also contact us with questions from the site.



www.greatriversieca.org

ADVERTISE TODAY!

Reach Your Target Market!

BUSINESS CARD \$25.00
(2" x 3.5" or 3.5" x 2")

QUARTER PAGE \$50.00
(4.25" x 5.5" or 8.5" x 2.75")

HALF PAGE \$100.00
(8.5" x 5.5" or 4.25" x 11")

FULL PAGE \$200.00
(8.5" x 11" or 11" x 8.5")

*Prices listed are for one issue.
All ads must be on disk or camera ready.*



To save costs in the future we would like to provide this newsletter to all non-members via e-mail.

Please fill out the following form and return it via FAX to (816) 822-3515 Attn: Shirley Morrow.

Thank you.



I wish to continue to receive this newsletter via e-mail. YES NO

My e-mail address is: _____

I would like to be removed from your mailing list. YES NO

I wish to continue receiving a paper copy of the newsletter. YES NO

(All paying members of the Great Rivers Chapter will receive a paper copy of the newsletter)

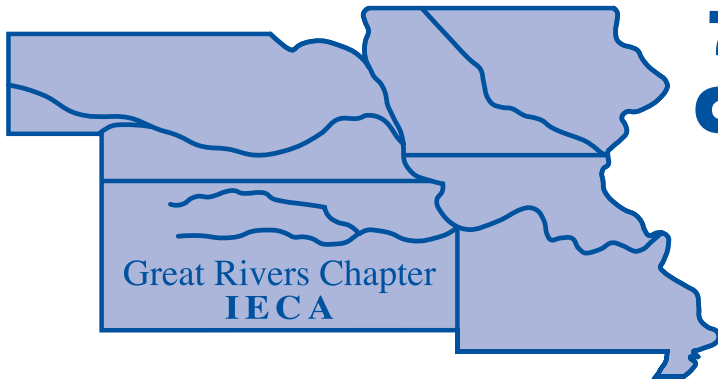
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7th Annual Spring Conference & Expo

March 24th & 25th 2003

The Cornhusker Hotel
333 S. 13th St.
Lincoln, NE 68508

Reserve Your Booth Space Now!

Booth Set-up: Monday between 9 - 11 am

Show Hours: Monday 1 - 7 pm, Tuesday 8 - Noon

Booth Tear Down: Tuesday after Noon

Standard Booth Includes:

- Registration for 2
- One Table & 2 Chairs
- Tuesday Continental Breakfast & Lunch
- Monday's Chapter Hosted Reception
- Snacks During Breaks

Contact Person: _____

Person(s) Attending: _____

Company Name: _____

Mailing Address: _____

City/State/Zip: _____

Phone: _____

Fax: _____

E-mail: _____

Registration

_____ Standard Booth(s)
at \$225.00/booth \$ _____

_____ Additional Attendee(s)
at \$50.00/person \$ _____

Door Prize Donation:

Gold \$100.00 \$ _____

Silver \$75.00 \$ _____

Bronze \$50.00 \$ _____

Total Amount Enclosed \$ _____

Questions?

Contact: **Brian Williams** at:
(402) 861-8579 or brianw@aspent.com

Contact: **J.B. Dixon** at:
(402) 476-2729 or jb@lpsnrd.org

Return this form and your check payable to:

IECA Great Rivers Chapter
c/o Brian D. Williams
w/ ASP Enterprises, Inc.
9840 S. 140th St.; Ste. 5
Omaha, NE 68138

More Tools for your NPDES Tool Box!

How to Review a SWPPP and Inspect a Construction Site

Monday's course will provide you with:

- A brief overview of the Phase II regulations
- Reasons for why inspections and reviews are necessary
- A basic understanding of erosion and sediment control

• What needs to go into a Storm Water
Pollution Prevention Plan

• What to look for during a review of an
SWPPP

• Sample SWPPP's to review

• AND MORE!

This class is taught by:

Shirley D. Morrow, CPESC

• Senior Environmental Scientist for Burns &
McDonnell

• Specializes in erosion and sediment control

• Member of the Board of Directors of the
Great Rivers Chapter of the International
Erosion Control Association

• A Certified Professional in Erosion and
Sediment Control (CPESC)

Lower Platte South Natural Resources District
PO Box 83581
Lincoln, NE 68501-3581

IECA Great Rivers Chapter Spring Workshop & Expo



March 24-25, 2003
Lincoln, Nebraska



International Erosion Control Association

Phase II is here, and this workshop will give you the hands-on tools you need!!

- How to Design a SWPPP that is Effective
- How to Inspect YOUR Construction Site
- Silt Fence that Works
- Solutions for Highly Erosive Soils
- The Latest in Erosion Control Technology
- See BMP's Working in the Field
- Professionals in the Industry Answering your Questions

A g e n d a

Monday, March 24

- Noon-1:00 - Registration for SWPPP class and Inspection class
- 1:00- Welcome- Class Begins
- 2:30-2:50- Break- Atrium/Vendors area
- 2:50- Class Resumes
- 5:00-7:00- Vendor's Reception

Tuesday, March 25

- 8:15- Welcome
- 8:30- "Silt Fence that Works"- Tom Carpenter
- 9:15- "Urban Erosion Issues in the Loess Hills of Western Iowa"- Rich Maaske
- 10:00- Break- Atrium/Vendors Area
- 10:20- "Michorhyzal 101: Fertilizer Without the Fertilizer"- RTI, Inc.
- 11:00- "Lincoln's Antelope Valley Project"- Glenn Johnson
- 12:00- Lunch Buffet
- 1:15 - Overview of the afternoon site tour
- 1:30- Load buses for site tour

Exhibitor Booths Available

- \$225 (includes registration for 2, one table and two chairs. Monday's Chapter hosted reception, and Tuesday's continental breakfast and lunch)

- Contact Brian Williams at (402) 861-8579, Fax (402) 861-8592, or brianw@aspent.com

R e g i s t r a t i o n F o r m

Don't miss out!!!

Registration Deadline: March 17, 2003

Name _____
Title _____
Organization _____
Mailing Address _____

City _____ State _____

Zip Code _____ Phone _____

Fax _____

Email _____

Location

The Cornhusker Hotel
333 South 13th Street
Lincoln, NE 68508
(402) 474-7474

A block of rooms is available under the International Erosion Control Association at the rate of \$94/room (plus tax), rooms are available until March 1, 2003

Pass Fee

- Monday, March 24, 2003
Members: \$50 Non-Members: \$65
- Tuesday, March 25, 2003
Members: \$50 Non-Members: \$65
- Two Day Pass: March 24-25, 2003
Member: \$ 85 Non-Member: \$115

Payment Information

Payment must be made in full and returned with this form by March 17, 2003

Total \$ _____

- Check- payable to Great Rivers Chapter
- Cash

Questions?

Contact J.B. Dixon at (402) 476-2729 or jbdixon@jpsnrd.org

Return this form along with your payment to:
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