

THE CATALYST

SLIPPERY ROCK WATERSHED COALITION MONTHLY ACTIVITIES UPDATE

THIS MONTH'S MEETING: Thursday July 12 @ 7:00 PM, Jennings Environmental Education Center, Pizza and Pop will be provided!! 6/14/01 meeting attendance: T. Danehy, J. Campbell, J. Campbell, S. Busler, M. Busler, C. Treter, D. Funkhouser, F. Brenner, W. Taylor, V. Kefeli, M. Dunn, B. Beran, C. Cooper

ASSMR CONFERENCE IN NEW MEXICO

Margaret Dunn, Cliff Denholm, Shaun Busler, and Tim Danehy traveled to Albuquerque, New Mexico June 3-7 to attend the American Society for Surface Mining and Reclamation (ASSMR). During the meeting, they presented 4 posters!!! Their poster topics included *Visual Demonstration of Water Distribution in Vertical Flow Systems*, *Use of Biosolids in the Passive Treatment of Abandoned Mine Drainage*, *Enhanced Flushing of Metal Particulates from Vertical Flow Ponds Using a Multi-Tiered Underdrain*, and *Multi-Component Passive Treatment System: A One Year Study*. Other activities at the conference included technical sessions, panel discussions, and tours of the surrounding country side. The conference also served as an excellent forum for spreading the SRWC name with questions being asked about the bat hibernaculum and 70 SRWC hats being handed out! Congratulations on a successful conference and thank you for representing SRWC so well!



SLIPPERY ROCK WATERSHED COALITION WINS 2001 GOVERNOR'S AWARD FOR WATERSHED STEWARDSHIP

The Slippery Rock Watershed Coalition has been utilizing money that has become available through **PA Governor Tom Ridge's** "Growing Greener" initiative. The SRWC has applied this money to the restoration and reclamation of mine land affecting the Slippery Rock Creek. The actions of the SRWC were recognized and were selected as one of 25 projects across the state to be awarded with the **2001 Governor's Award for Watershed Stewardship**. Attending the award

ceremony for SRWC were **Dr. Fred Brenner, Dr. Valentine Kefeli, Galina Kefeli, Inna Alper, Shaun Busler, Melissa Busler, Tim Danehy, Margaret Dunn, Darcy Peart, Charles Cooper, and Chris Treter**. Inna came all the way from **California** to attend the award ceremony! Dr. Brenner and Dr. Kefeli accepted the award from **David Hess** Secretary of the Department of Environmental Protection, **David Hogeman** Director of the Department of Environmental Protection Grant Center, and **Robert Barkanic** Deputy Secretary of the Office of Pollution Prevention and Compliance Assistance. The SRWC also received a citation from PA State Senator Mary Jo White, PA State Representative Daryl Metcalfe, and PA State Senator Jane Ori. **Thanks to everyone who has worked hard making these awards possible!** (check out the picture on the last page of the Catalyst!)

P
H
O
T
O
O
F
T
H
E
M
O
N
T
H



P
H
O
T
O
O
F
T
H
E
M
O
N
T
H

Participants assisting with the flushing of the Eastern Vertical Flow Pond at De Sale Phase II

FLUSHING AT DE SALE PHASE II

On June 20, flushing of the Eastern Vertical Flow Pond at De Sale Phase II was used to further our understanding of passive treatment technology. Participating were **Lauren Avon, Candace Kairies, George Watzlaf, Karl Schroeder, Jeff Skousen, Jennifer Demchak, Tim Danehy, Margaret Dunn, Shaun Busler, Cliff Denholm, Darcy Peart, and Chris Treter**. Jeff and Jen came all the way from **West Virginia** to help out! The Vertical flow pond was designed with 2 layers of pipes, with each layer being divided into quadrants. The flushing of the vertical flow pond involved opening valves for the flushing pipes for each quadrant of pipe in the vertical flow pond. The valves were opened one at a time, and sludge samples were taken at timed increments. Flow measurements were also conducted using a "4 inch drop-off" technique and a calibrated 30-gallon bucket. Flow from each pipe sometimes exceeded 300 gallons per minute!!! The purpose of the sample collections and the flushing was to gather information concerning the effectiveness of the Eastern Vertical Flow Pond at De Sale Phase II. Thanks to everyone for all their help and support with the flushing. A special thanks to the **US Department of Energy, National Energy Technology Lab in Pittsburgh** for making this all possible!!!

STREAM RESTORATION INCORPORATED INTERN

Stream Restoration Inc. was recently selected by the **Office of Surface Mining** to receive a grant to sponsor a summer internship. Stream Restoration Inc. selected **Chris Treter** as their summer intern. Chris is currently a student at **Grove City College**, studying biology. He was referred to the internship by **Dr. Fred Brenner**. As an intern, Chris will be accomplishing a variety of tasks. These tasks include helping to write and mail this monthly newsletter (not as easy a task as it seems), to develop and maintain the SRWC web page (you should really check it out at www.srwc.org), and to monitor and maintain the treatment systems installed by Stream Restoration Inc. Chris will also attend and aid in poster presentations at conferences, develop informational handouts, write news releases for local newspapers, and aid in the grant research and writing process.





The KIDS Catalyst

SLIPPERY ROCK WATERSHED COALITION FUN ACTIVITIES



COLORING CONTEST!

You asked for one, so here it is. Grab your crayons, colored pencils, markers, chalk, or whatever and color the picture below. The first 100 kids that send in a colored picture to the Slippery Rock Watershed Coalition will win a **GIFT CERTIFICATE TO MCDONALDS OR ANOTHER LOCAL RESTAURANT!** Good luck and happy coloring.

Picture Colored by: _____ Age: _____ School: _____
Address: _____



A bat flies towards the bat hibernaculum, where it will make its new home.



2001 Governor's Award for Watershed Stewardship Reception

Left to Right: David Hogeman (Director, PA DEP Grants Center), Margaret Dunn, Chris Treter, Darcy Peart, Galina Kefeli, Charles Cooper, David Hess (Secretary, PA DEP), Tim Danehy, Inna Alper, Fred Brenner, Melissa Busler, Shaun Busler, Valentine Kefeli.

Check out all of the improvements that Chris has made to the SRWC web page at

www.srwc.org

Thanks to The William & Frances Aloe Charitable Foundation, Amerikohl Mining, Inc., Quality Aggregates Inc., and Allegheny Mineral Corporation for their support. For more information contact: Slippy Rock Watershed Coalition, c/o Stream Restoration Incorporated (PA non-profit), 3016 Unionville Road, Cranberry Twp., PA 16066, (724) 776-0161, fax (724)776-0166, sri@salsgiver.com, www.srwc.org. July Distribution: 740 copies



Slippy Rock Watershed Coalition c/o Stream Restoration Incorporated
A PA Non-Profit Organization
3016 Unionville Road
Cranberry Twp., PA 16066

NONPROFIT
ORGANIZATION
U.S. POSTAGE
PAID
PERMIT NO. 434
CRANBERRY, PA