

THE CATALYST

SLIPPERY ROCK WATERSHED COALITION MONTHLY ACTIVITIES UPDATE

THIS MONTH'S MEETING: Thursday November 14th at 7pm Jennings Environmental Education Center, pizza and pop will be provided. 10/10/02 Meeting Attendance: T. Danehy, M. Dunn, D. Johnson, C. Cooper, V. Kefeli, C. Denholm, D. Treter, C. Treter, J. Reidenbaugh, S. Busler, and F. Brenner

Jennings "Leading the Way"

In 1997, the innovative Vertical Flow Pond, Channel Wetland, and Wetland/Settling Pond were installed to treat the abandoned mine drainage at the Jennings Environmental Education Center under an EPA grant to demonstrate passive technology. This passive system has consistently provided exceptional treatment to the drainage, as documented by the National Energy Technology Laboratory of the US Department of Energy. The site is also the focus of education and outreach programs and research that have been extremely valuable in the continuing development of environmentally-friendly technology. Within the last year or so, however, even though the effluent quality remained



very good, the water level in the Vertical Flow Pond began to rise. Based on discussions with participants in the various programs at the site, the decision was made to investigate the issue by taking and analyzing cores of the treatment media, excavating a small trench in the treatment media, and examining both the underdrain and outlet. Much, much, much is being learned through this public-private partnership effort, where time, materials, and monitoring is being donated!!!! There appears to have been a decrease in permeability within the upper few inches of the treatment medium and the outlet piping was significantly plugged. After backfilling the trench and replacing the outlet piping, the system is functioning well. The results of the core analyses and other testing are planned to be presented at the annual SRWC Symposium. This is a great opportunity to learn!!!! Thank you Jennings!!!



SRWC Named a Finalist for Butler Outdoor Club Annual Award!!

On Saturday, November 2nd, the SRWC will be honored as a finalist for the Butler Outdoor Club Annual Award! The winner will be announced during their 8th Annual Dinner at the East Butler Fire Hall, 808 Grant Ave. The evening begins at 6 pm with a Silent Auction and will be followed by dinner at 7 pm. Kris Wagner of Backpacker Magazine will present: "Bicycling in Snowy Siberia." Everyone is welcome to attend. Tickets are \$12 for adults and \$6 for children under 12. Tickets are available at Wind and Water Boatworks, Rapp's Bicycle, and Outdoor Army/Navy store in Butler. Or you can send a check or money order and a stamped self-addressed envelope to: BOC, P.O. Box 243, Butler, PA 16003. The deadline for tickets is October 25th. The SRWC will have a display for the evening and we hope that many of you will come and support the SRWC and the Butler Outdoor Club!!!

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SRWC Receiving the Governor's Award in Harrisburg! Those present for the ceremony are pictured above holding the Governor's Award as well as the citations the SRWC received from State Senator Jane Orié and State Representative Daryl Metcalfe.

Back Row: Chris Treter, SRI; Shaun Busler, SRI; Ronald Stanley, PA DEP; Tim Danehy, BMI
Middle Row: Deputy Sec. Eric Thumma, PA DEP; Scott Alexander, PA DEP; Pat Beran, SRWC; Valentine Kefeli, BMI; Dave Jessloski, Aquascape
Front Row: Deanna Treter, BMI; Bob Beran, Aquascape, with his son Matt Beran; Sec. David Hess, PA DEP; Margaret Dunn, SRI; Cliff Denholm, BMI

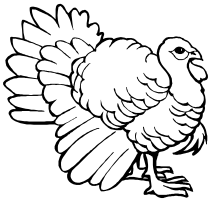
SRWC Participates in New Castle Summit of the World

An unusual event recently took place in the watershed at the Third Annual New Castle Summit of the World. Representatives from around the globe from towns named New Castle converged upon Western Pennsylvania to exchange ideas and share stories and accomplishments. On September 30th, the theme of the day was the environment and the Slippery Rock Watershed Coalition was invited to talk to the international crowd about restoration efforts being performed at the local level through public-private partnerships. **Valentine Kefeli** (Addressing each delegation in their native language), **Margaret Dunn** and **Bob Beran** shared the speaking duties. **Shaun Busler**, **Cliff Denholm**, **Deanna Treter**, and **Chris Treter** also attended and had the pleasure of speaking to people from England, Germany, Switzerland, Japan, and

South Africa. It was extremely interesting to hear what environmental problems and accomplishments are taking place in other countries. The Summit is held every other year and the events were spread out over multiple days. We hope the international visitors enjoyed their time in our watershed and we look forward to furthering relationships that began at this exciting event.

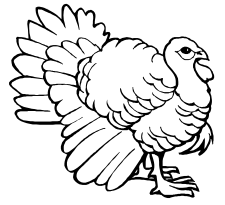
See the photo to the left: SRWC Participants Posing with Secretary David Hess at the New Castle of the World Summit. Back Row: **Chris Treter**, **Shaun Busler**, **Deanna Treter**, and **Cliff Denholm**. Front Row: **Gilana Kefeli**, **Valentine Kefeli**, **Margaret Dunn**, and **Sec. David Hess**





The KIDS Catalyst

SLIPPERY ROCK WATERSHED COALITION FUN ACTIVITY



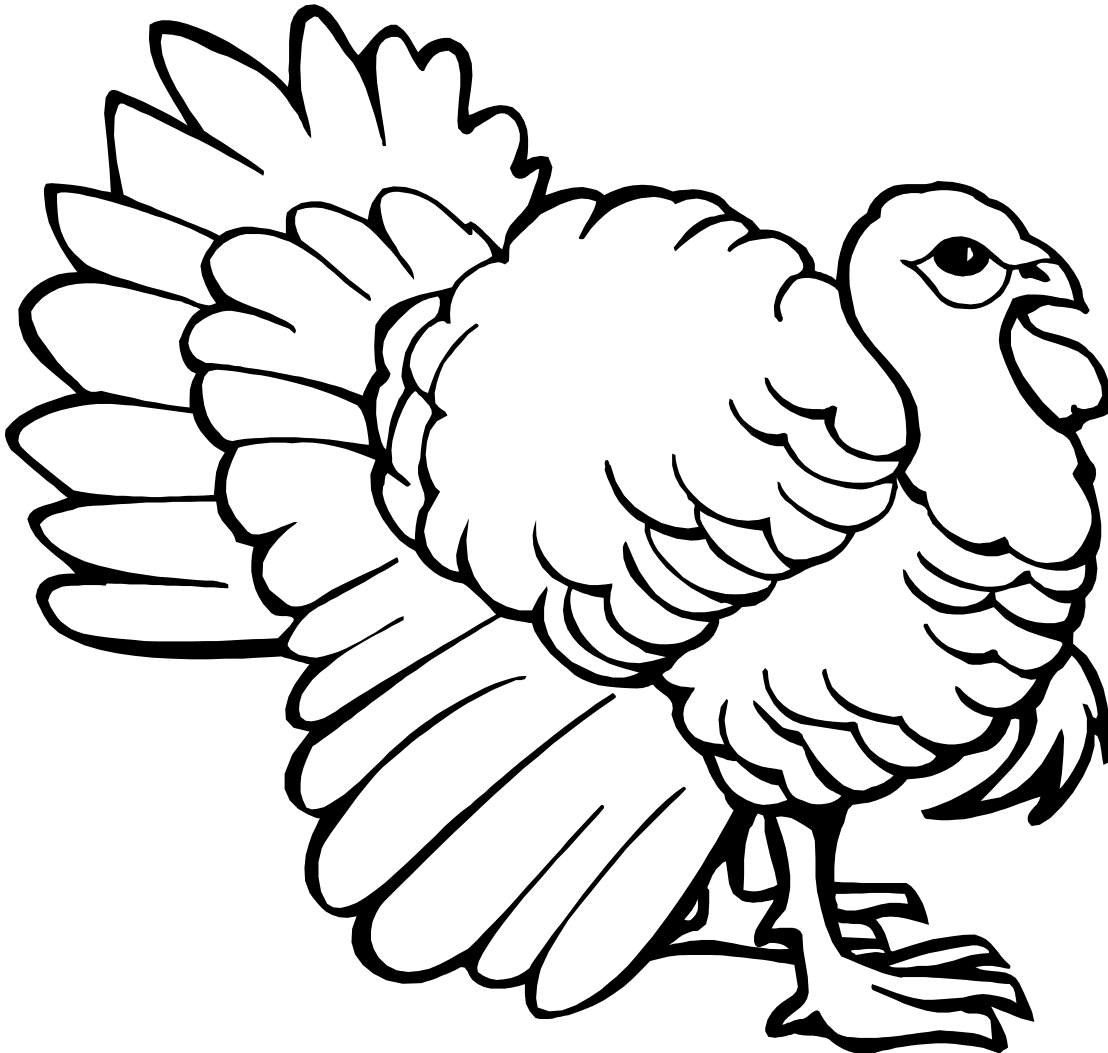
The Truth About Turkeys

Since Thanksgiving is coming this month, here are some interesting facts about turkeys, which by the way can be found in all 67 counties in Pennsylvania. In fact there are about 250,000 turkeys here in Pennsylvania!!!

Turkeys have always been important to Americans. In fact, they have been a source of food for a long time. The turkey became the main course for Thanksgiving Dinner because it represented a successful harvest. Benjamin Franklin wanted the turkey to be our national emblem instead of the bald eagle, because he said, "The turkey is a much more respectable bird, and withal a true original Native of America."

When the turkey population was getting very small the PA Game Commission tried many different things to help the turkey. Their "wild turkey trap-and-transfer program" is used now by every other state that wants to help it's turkey population. Turkeys eat all sorts of things but the best way for them to get food in winter is to eat bugs that live in springs. Plants like the crabapple also provide food through the winter. The best place for turkeys to live is somewhere with forests and open areas.

Color in the picture of the turkey below and return it to us for your free gift certificate!!! And Remember the SRWC coloring book called, "The ABCs of Our Watershed" if you would like a copy please call 724-776-0161 or write to 3016 Unionville Rd. Cranberry Twp., PA 16066. Or e-mail us at sri@salsgiver.com. We are asking for a \$4 donation to help offset printing costs.



Name _____ Age _____ Address _____



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

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Thanks to The William & Frances Aloe Charitable Foundation, Amerikohl Mining, Inc., Quality Aggregates Inc., Allegheny Mineral Corporation and PA DEP for their support. For more information contact: Slippery 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. November Distribution: 949 copies

C'mon Out and Get Involved!!!
Trash Pick Up Is Coming on November 1st!!!



On Friday November 1st at noon we will meet at the park n' ride near Exit 99 of I-79. When you head towards New Castle on 422 you will see the parking lot on the right (north) side. Our section on I-79 is between mile markers 100 and 101. We will have quick picnic lunch there before heading out on the road. The more people that come and help the faster the work will go! It is very rewarding to get out there and make such a noticeable difference on such a highly traveled roadway. **We hope to see you there!** If you need more information or have any questions please call 724-776-0161 and ask for Deanna Treter!

SRWC Addresses Slippery Rock University Master's Program

Following the New Castle Summit of the World, **Shaun Busler** and **Cliff Denholm** assisted **Dr. Steven Doherty's** Applied Ecology class. The students learned about Rapid Bio-Assessments including water quality field measurements and sampling for macroinvertebrates. The class serves as a core class for several Masters Programs at Slippery Rock University including Resource Management, Environmental Education, and Sustainable Systems. Thanks to Steven for inviting us! We always enjoy an excuse to get out and enjoy in the creek especially such a beautiful stream as Wolf Creek! (Wolf Creek is a major tributary to Slippery Rock Creek)

Aquascape Recognized by the Butler County Juvenile Court Services

Aquascape was recognized for their outstanding contribution to Butler County Juvenile Court Services and the community. Aquascape was presented with the William A. Dicuccio Juvenile Justice Service Award. **Congratulations Aquascape!!!** Thank you for your on-going contributions to the watershed and community!!!