

THE CATALYST

SLIPPERY ROCK WATERSHED COALITION MONTHLY ACTIVITIES UPDATE

THIS MONTH'S MEETING: Thursday February 13th at 7pm Jennings Environmental Education Center, pizza and pop will be provided. 1/9/03 Meeting Attendance: D. Johnson, C. Cooper, V. Kefeli, C. Denholm, W. Taylor, S. Busler, J. Belgredan, K. Lanich, J. Reidenbaugh, C. Treter, and D. Treter

2002 Year In Review!! A Year Full of Many Great Things!!!!!!!

Conferences

- SME in Phoenix, Arizona --- 2/24
- PA State Assoc. Twp. Supervisors --- 4/16
- WV Symposium --- 4-16
- Butler Co. Association Twp. Officials --- 5/16
- ASMR at Lexington Kentucky --- 6/9-13
- Watershed Academy --- 6/13
- AMD/AMR meeting --- 6/14-15
- First Annual Riverboat Cruise --- 9/19
- PA Watershed Conference (Greensburg) --- 9/20-21
- PA Energy Leadership Council (Greentree) --- 9/23
- New Castle of the World Summit at SRU --- 9/30
- AWRA Conference in Philadelphia --- 11/3-7
- POWR Annual meeting --- 11/15

Passive System Construction

- Erico Bridge Drilling --- 2/2002
- DeSale Wetland Planting --- 5/11
- Erico Bridge Wetland Planting --- 5/11
- SR 96 Construction Begins --- 5/30
- SR 96 Completed --- 6/2002
- SR 81 Wetland Planting --- 7/17
- Erico Bridge Drilling --- 7/18-19
- De Sale III Completed 9/2002

Recognition

- ASMR Reclamationist of the Year (Margaret Dunn) --- 6/2002
- Governors Award for Environmental Excellence --- 9/25
- Butler Outdoor Club Annual Dinner (award finalist) --- 11/2



Outreach/Educational Activities

- Stream Assessment with the PA DEP --- 1/2002
- PASDA recognizes Goff Station and SRI --- 1/2002
- Cliff Denholm speaks at MS3 Sustainable Systems Seminar at SRU --- 2/13
- Bob Beran MS3 Seminar Series at SRU --- 4/3
- Lorenzo de la Puente (Peru) visits the SRWC --- 4/3
- SRWC Symposium: Community Watershed Tour 4/7; Student Evening Symposium 4/11; 7th Annual Symposium 4/12
- Rosa Ocana of Peru visits the SRWC --- 4/11-12
- Margaret Dunn Speaks to PA Geological Society --- 4/17
- Tribune Review article about "Peruvian Company Gets Local Advice" --- 4/21
- Jennings Spring-into-action --- 4/27
- PA Cleanways (Butler County) Big Run Cleanup --- 4/27
- Kids Day at College (SRU) --- 4/27
- Get-Together --- 5/1
- Pennsylvania River Sweep --- 6/15
- Butler County Juvenile Court System wetland plantings every Tuesday --- 6/11 – 8/27
- University of Oklahoma tours SRWC --- 6/14
- Fish Survey of Seaton Creek --- 8/2002
- Mist netting at Goff Station --- 8/14
- Jennings coring of VFP --- 8/15
- Adopt a Highway I-79 Cleanup --- 8/16
- "ABC's of Our Watershed" debuts --- 9/19
- Home school students tour watershed --- 9/26
- SRWC addresses SRU masters program --- 9/30
- Watershed Weekly --- 10/3
- Adopt a Highway I-79 Cleanup --- 11/1
- PA Magazine highlights Goff Station Bat Hibernaculum --- 11-12/2002



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Valentine Kefeli presenting at Grove City College (see article below)

Dr. Valentine Kefeli Presents at Grove City College

On Thursday, January 16th, **Valentine Kefeli** addressed students at **Grove City College** about “The Stalin Doctrine of the Totalitarian State.” He spoke to about 25 students taking an intercession class with **Dr. Paul Kengor**, an associate professor of political science. In addition to the students, a journalist and several participants of the **Slippery Rock Watershed Coalition** attended including **Margaret Dunn, Tim Danehy, Shaun Busler, and Cliff Denholm**. Valentine lived through nearly 60 years of communism in the Soviet Union and experienced first hand the Stalin regime. Valentine divided the Stalin era into several time spans from the beginning of the Bolshevik Revolution to his death in 1953. He brought photographs and magazine articles of key individuals and events that students passed around during the presentation. Many of the facts surrounding the time period are only now emerging with the fall of the Soviet Union and the opening of the KGB archives. **Thank you so much Valentine for your enlightening presentation! Congratulations Valentine and Galina on receiving your American citizenship!!!!**

Margaret Dunn To Become President-Elect of the ASMR

Margaret Dunn, Stream Restoration Incorporated, was recently elected as President-Elect of the **American Society of Mining and Reclamation (ASMR)**. Margaret will serve one year as President-Elect and then will become President the following year at the 2004 national meeting which is tentatively planned to be held in Morgantown, WV.

ASMR is an international organization with participants from private industry, government agencies, academia, and nonprofit organizations who are involved in mining and reclamation. An Annual Meeting is held in which topics such as land reclamation, biodiversity, and AMD are addressed. Many of the world’s leading experts on passive treatment systems present and discuss the latest technology in this ever advancing field.

Still Saving The Date!!!

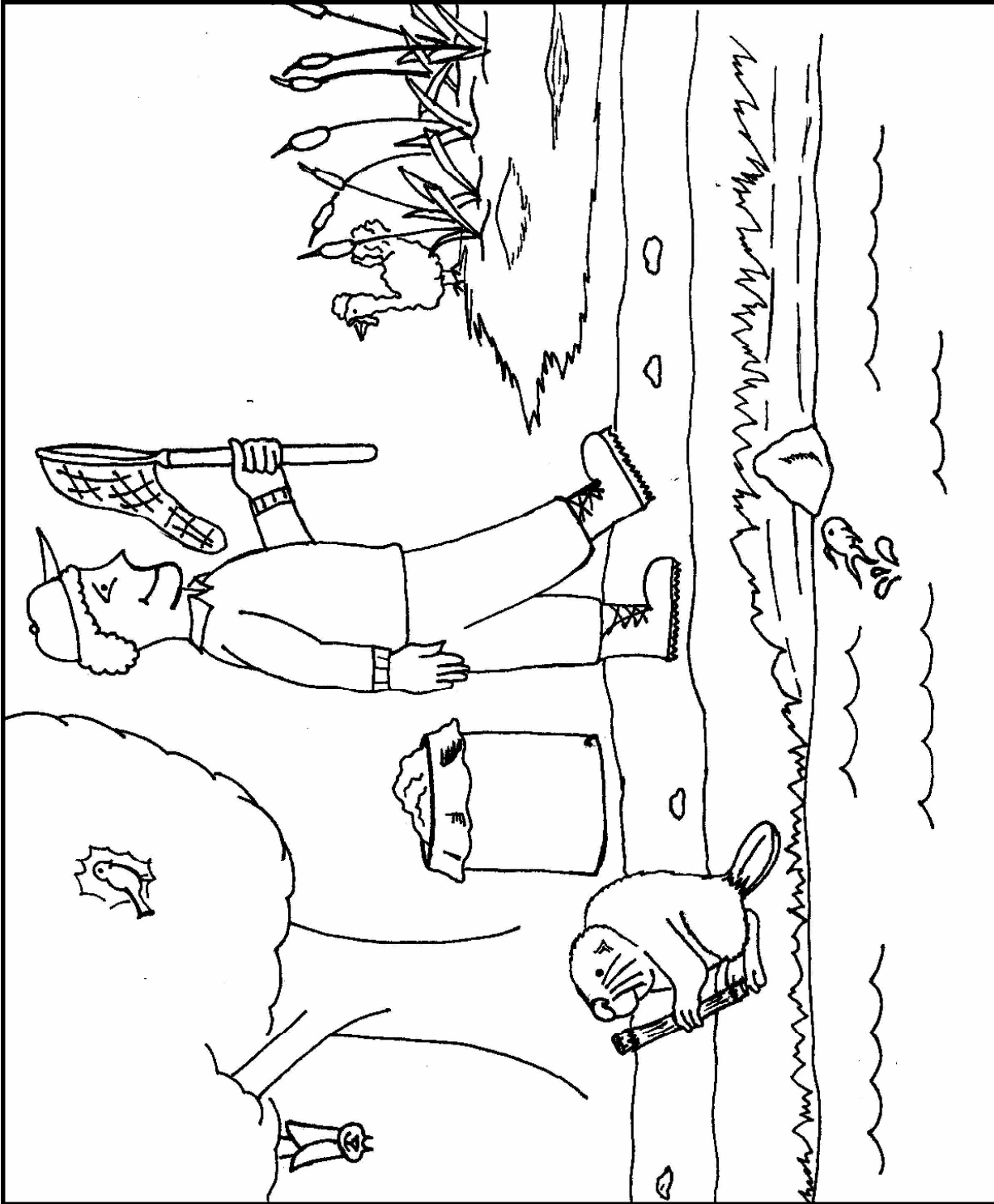
The 8th Annual Symposium will take place on Friday, April 11th at Jennings Environmental Education Center! The college evening presentations will take place on Thursday, April 10th at Grove City College. And last but not least on Sunday, April 13th the Community Day will take place at Jennings. We hope to see you all there! More information will be in future Catalyst!!!

The KIDS Catalyst

SLIPPERY ROCK WATERSHED COALITION FUN ACTIVITY

Kids Catalyst Year In Review

On the front of this Catalyst is the Year in Review, well here is your turn. We have hidden elements from last years Kids Catalysts in this picture. Find all the things in the list below and circle them. Then color the picture and send it back to us for a gift certificate. Good Luck!!!



See if you can find the following themes of the 2002 Kids Catalysts!

- | | | | | |
|-----------|--------|------|---------|--------|
| Hiker Joe | Trash | Net | Fish | Bat |
| Turkey | Stream | Bird | Wetland | Beaver |

Name _____ Age _____ Address _____



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

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De Sale Phase III Construction Completed...



Construction of the **De Sale Phase III Passive Treatment System** was completed in September of 2002. The unique and innovative system which includes a forebay, two vertical flow ponds, 2 settling ponds, and a horizontal flow limestone bed, was designed by **BioMost, Inc.** and utilized several existing treatment ponds from the old active system that had been abandoned a number of years ago. **Amerikohl Mining, Inc.** constructed the system.

...And A Lovely Day For Boating

On one cold and snowy November day, **Cliff Denholm** and **Tim Danehy** went boating on one of the settling ponds to plug an existing riser. The riser originally conducted water from one previously existing treatment pond to another. In order to get the water to flow into the newly constructed vertical flow pond, the riser had to be plugged. So, they borrowed an aluminum boat from



Bob Beran, Aquascape,



and used some old 2X4s that were lying around as paddles. They mixed up several 5 gallon buckets full of concrete on land, loaded it onto the boat, and "paddled" out into the settling pond where they dumped the concrete into the riser, barely avoiding tipping the boat. The system is now flowing. Look for updates about De Sale Phase III in future issues of the *Catalyst*. The three De Sale passive systems have significantly improved Seaton Creek, which was previously documented to be the most heavily impacted tributary to Slippery Rock Creek. Since the construction of Phase I&II fish have been found for the first time in probably a century.