

THE CATALYST

SLIPPERY ROCK WATERSHED COALITION MONTHLY ACTIVITIES UPDATE

NEXT MEETING: 7 pm on 2/13/20 at Jennings Environmental Education Center, pizza and pop provided.
 1/9/20 meeting attendance: J. Belgraden, C. Denholm, D. Johnson, B. Kuban, S. Smith, W. Taylor, F. Van Atta, and S. Van Der Wal

2019 Year in Review:

Working Together for our Watershed!

Education/Outreach Activities

- Prairie Improvement Day — 1/19
- Cliff Denholm presents to Westminster College on passive treatment and resource recovery—2/8
- Cherry Pie Hike — 2/23
- De Sale Phase 1, De Sale Phase 2, McIntire, and BC16 fieldtrip and water and sludge sampling by Westminster College students — 2/23 and 2/26
- Shaun Busler presents to the Butler Outdoor Club — 3/6
- Shaun Busler attends Grove City College night to discuss careers in the environmental field — 3/21
- Cliff Denholm guest speaker at Hillview Intermediate School's Eco Club, Grove City — 3/27
- Cliff Denholm attends Hillview Intermediate School's Eco Club "Trout in the Classroom" release day, Grove City — 4/26
- Wolf Creek water sampling with Slippery Rock University students — 4/30
- Westminster College present findings on Resource Recovery at WPCAMR Meeting
- Celebrate the Bloom, Jennings Environmental Education Center—7/27
- Office of Surface Mining Tour in the Slippery Rock Watershed— 10/25
- Student Symposium on the Environment, Westminster College—12/5

Conferences

- West Virginia Mine Drainage Task Force Symposium, Morgantown, WV — 3/27-28
- American Society of Mining and Reclamation Conference, Big Sky, Montana —6/3-6/7
- PA AMR Conference held jointly with the National Association of Abandoned Mine Land Programs and National Association of State Land Reclamationists' Conferences, State College – 9/8-9/11
- 14th Annual PA NW GIS Conference, Clarion University—10/17-18

Recognition

- Buck Neely receives the Early Career Award from the American Society of Mining and Reclamation

Restoration Projects

- Funding Received for Slippery Rock Passive Treatment Rehab & Maintenance in the headwaters of Slippery Rock Creek
- Two grants received from the PA DEP 319 program to construct a sludge pond and passive treatment system within the Blacks Creek watershed
- Vogel Disposal Services completes construction of the SR89 passive treatment system
- De Sale 1 and 2 maintenance
- Slippery Rock Campground Stream Bank



Check Us Out Any Time!!

If you'd like to learn more about what the Slippery Rock Watershed Coalition is all about, please join us at any one of our monthly meetings! The SRWC meets every second Thursday of the month at Jennings Environmental Education Center: 2951 Prospect Rd, Slippery Rock. Everyone is welcome to attend and join us for free pizza and pop! Meetings begin at 7 PM and generally include a review of recent watershed restoration efforts, ideas for new ventures and outreach, and previews of upcoming activities. We love meeting new people, so if you have an interest in the Slippery Rock Watershed, be sure to join us some Thursday evening soon!

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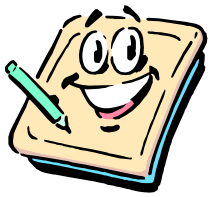
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Ryan Mahony, BioMost, Inc., looking at the pile of rootwads to be installed at the stream bank restoration project (see article below).

Allegheny Mineral Corporation Donates Rootwads

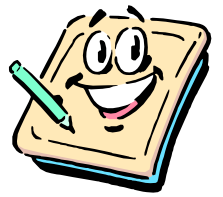
The Slippery Rock Watershed Coalition would like to thank **Allegheny Mineral Corporation** for their donation of rootwads for the Slippery Rock Campground Stream Bank Stabilization Project (more next month). A rootwad is a trunk of a dead tree with the roots of the trunk still attached, which is placed at the toe of the steam bank. The rootwad provides immediate stabilization by deflecting flows that can undercut banks. The rootwad also provides excellent habitat for fish and other aquatic life. Rootwads are sometimes hard to come by, as the rootwad needs to be 10-20 inch in diameter with between 10 and 15 feet of trunk at the base of the tree. Lumber companies typically cut the tree at the ground level, which is not enough to be used as a rootwad. Thankfully Allegheny Mineral Corporation has a new mine site that they are developing about 2 miles away from the project site. They were in the process of clearing some property and had heavy equipment on-site. To make a rootwad an excavator or bulldozer is needed to knock over the tree with the roots intact. Then the dirt around the roots need to be removed. Transporting the rootwads can sometimes be a challenge, but the short haul made it much easier. **The quality of the rootwads was the highest we have had for any of our projects! Thank you Allegheny Mineral!**





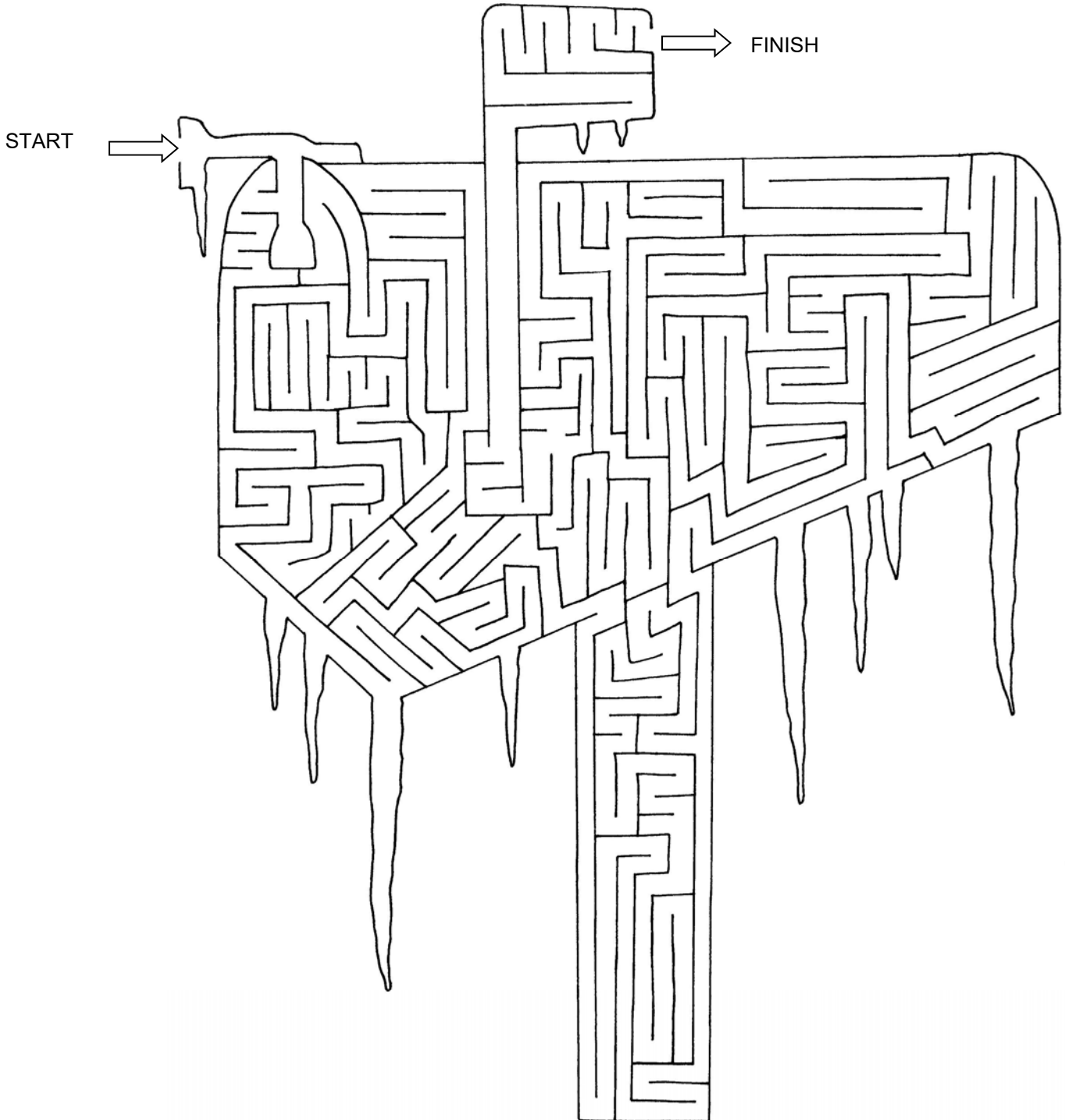
The KIDS Catalyst

SLIPPERY ROCK WATERSHED COALITION FUN ACTIVITY



Icy Icicles Maze!

January and February are the two coldest months in western Pennsylvania! You're likely to notice many icicles during this time of year! Icicles are tapered, hanging spikes or cones of ice formed by the freezing of dripping or falling water. You have probably seen icicles hanging from places like roofs and fences. Below is a mailbox icicle maze we hope you have fun with! If you mail us your completed paper, we will send you a \$1 credit to Amazon through a parent's email address. Credits can be saved up to buy something extra special!



Name _____ Age ____ Parent email address: _____



Slippery Rock Watershed Coalition c/o Stream Restoration Incorporated
A PA Non-Profit Organization
434 Spring Street Ext.
Mars, PA 16046

Thanks to The William & Frances Aloe Charitable Foundation, Environmentally Innovative Solutions, LLC, Dominion Peoples, Amerikohl Mining, Inc., Quality Aggregates Inc., Drs. Ron & Kathy Falk Family, BioMost, 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), 434 Spring Street Ext., Mars, PA 16046 (724)776-0161, fax (724)776-0166, sri@streamrestorationinc.org, www.srwc.org. Jan. distribution: 250 copies