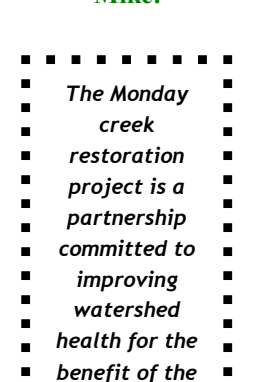


Up the Creek

Changes in the MCRP Staff



We'll miss you Mike!

Mike Steinmaus, Watershed Coordinator at MCRP since 2000, retired July 31. Mike's extreme passion for the environment and many years of dedication to MCRP has led to significant improvements in the Monday Creek Watershed. Water quality in the mainstem of Monday Creek has improved from an average pH of 4.5 to an average pH of 6.5. Monday Creek is now home to 25 native species of fish and numerous families of macroinvertebrates. Mike's incredible stories and amazing ability to work within the small communities located in the watershed, as well as with state and federal agencies, will be missed greatly.

Nate Schlater, the previous MCRP water quality specialist, has taken over as the Monday Creek Watershed Coordinator. He has worked with Rural Action - MCRP since 2008. Nate has an Associate's Degree in Fish Management and Aquaculture from Hocking College and a Bachelor's Degree in Fish and Wildlife Conservation and Management from Rio Grande University. In his spare time Nate enjoys fishing, hunting, gardening and being outside. Nate looks forward to continuing the efforts to improve Monday Creek.

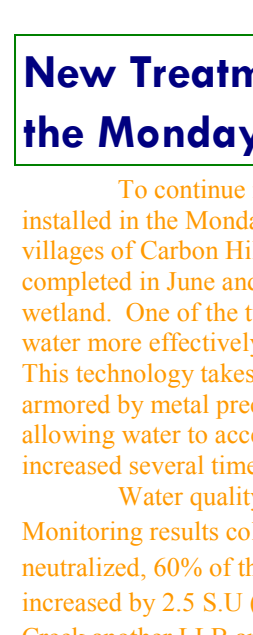
Tim Ferrell served as an ODNR intern with MCRP in 2009 and has now taken over as the water quality specialist. Tim is originally from New Cumberland WV. He is a graduate from Hocking College and Rio Grande University in Wildlife and Fish Conservation and Management. He has prior experience working with both State and Federal agencies including USDA Wildlife Services, ODNR Division of Mineral Resource Management, and ODNR Division of Wildlife. He is an avid outdoorsman who spends his free time hunting, fishing, playing music, and attending local music events.

A new Ohio Stream Restore Corps term began August 10, 2012. Nora Sullivan and Kelly Caris will be serving as the MCRP Ohio Stream Restore Corps members for 1 year. Nora joins Rural Action for a second term working with the Monday Creek Restoration Project. Nora earned her Bachelor's in Business Administration in 1998, adding an Associate's Degree in Ecotourism and Adventure from Hocking College in 2012. Nora plans to pursue a Master's Degree in International Sustainable Community Development after her AmeriCorps service. Originally from Cleveland, OH, Nora is thrilled to have moved to beautiful southeastern Ohio from the Columbus area. She enjoys traveling, hiking with her dogs, rollerblading, swimming, kayaking and being outdoors. Kelly is originally from Columbus but now lives in Athens, Ohio where she recently graduated from Ohio University. She has a bachelor's degree in Wildlife and Conservation Biology and a certificate in Environmental Studies. Kelly loves to be outdoors, and especially enjoys hiking and observing wildlife. In her free time she also cooks, crafts, and paints.

After volunteering with MCRP several times throughout the summer Aarons coon was hired on to complete a 12 week internship funded by the Ohio Department of Natural Resources, Division of Mineral Resources Management. Aaron is a recent graduate of Hocking College with an Associate's Degree in Wildlife Sciences and plans on continuing his education in the pursuit of a bachelor's degree in biological sciences from Ohio University this January. Originally from the small town of Versailles in Darke County Ohio, Aaron currently resides in Athens. In his free time he enjoys kayaking, fishing and hiking.

The Monday creek restoration project is a partnership committed to improving watershed health for the benefit of the community.

INTERESTED IN VOLUNTEERING WITH MCRP?
E-MAIL KELLY AT KELLY@RURALACTION.ORG
OR
CALL 740-394-2047,
OR COME VISIT US IN OUR OFFICE AT
115 WEST MAIN STREET IN NEW STRAITSVILLE!

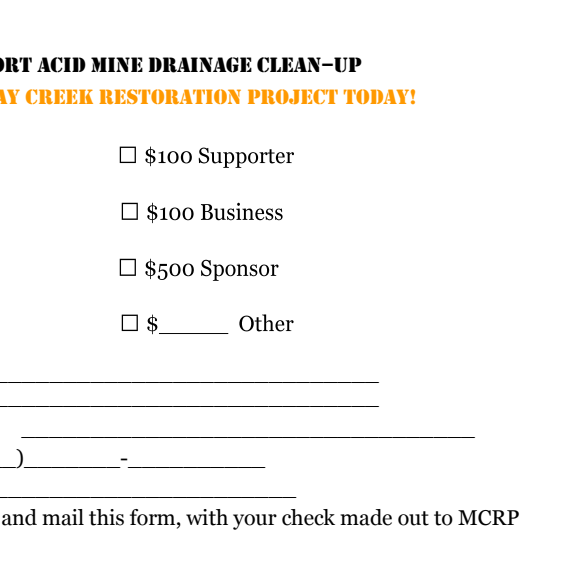


JEAN GIRAUDOUX, The Madwoman of Chailot, 1946

New Treatment System Installed in the Monday Creek Watershed

To continue improving water quality in Monday Creek a new treatment system was installed in the Monday Creek Watershed. The project is located in Hocking County, between the villages of Carbon Hill and Buchtel, in the Big Four Hollow Subshed. The treatment system was completed in June and included the installation of two limestone leach beds (LLB) and a small wetland. One of the two beds was filled with larger sized limestone to determine if one size treats water more effectively than the other. The LLBs were built using progressive failing technology. This technology takes into account that treatment efficiency decreases as limestone becomes armored by metal precipitants. As armoring occurs the water level in the LLBs is increased allowing water to access unarmored limestone. The beds are built so the water level can be increased several times which significantly extends the lifespan of the LLBs.

Water quality in the Big Four tributary is improving downstream from the LLBs. Monitoring results collected at the LLB discharge pipes indicate that 100% of the acid load is being neutralized, 60% of the metals (iron and aluminum) are being removed from the water, and pH has increased by 2.5 S.U (Figure 1). To further improve water quality in Big Four Hollow and Monday Creek another LLB and a wetland will be installed in the future.

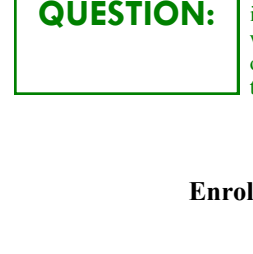


Mark Your Calendar!

- Sunday, Oct. 21st Little Cities Day
- Saturday, Oct. 27th Make a Difference Day
- Friday, Nov. 2nd MCRP Annual Fall Tour
- Thursday, Nov. 29th MCRP Friends Meeting
- Thursday, Jan. 24th Chinese Auction (tentative)

Monday Creek Restoration Project
P.O. Box 129
115 West Main Street
New Straitsville, OH 43766

We all live downstream



SUPPORT ACID MINE DRAINAGE CLEAN-UP JOIN MONDAY CREEK RESTORATION PROJECT TODAY!

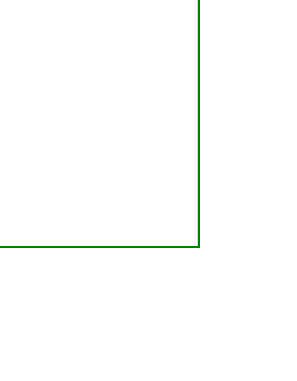
- \$15 Student
- \$20 Individual
- \$60 Family
- \$1000 Sustainer
- \$100 Supporter
- \$100 Business
- \$500 Sponsor
- \$ _____ Other

Name: _____
Address: _____
Phone: (____) _____ - _____
E-mail: _____
Cut out, complete and mail this form, with your check made out to MCRP

Yes! Please contact me about volunteering

New Species of Fish discovered in Monday Creek!

In the mid 1990's Monday Creek was inhabited by only four species of native fish. Due to the efforts of the Monday Creek Restoration project and its many partners, the waters of Monday Creek now support 25 native species of fish with the most recent species discovered this summer. The Mottled Sculpin was captured by the AmeriCorps members in a kick net during a macroinvertebrate sampling event. Mottled Sculpins are typically benthic dwellers that prefer cooler streams and gravel riffles. They can be identified by their broad head, large fan-like pectoral fins, brown and tan "mottled" color with dark bars, and a smooth body that lacks scales. Mottled Sculpins are often found hiding underneath large flat rocks where they also prefer to nest and breed in the spring.



Mottled Sculpin (Cottus bairdii)

new!

YOUR QUESTION:

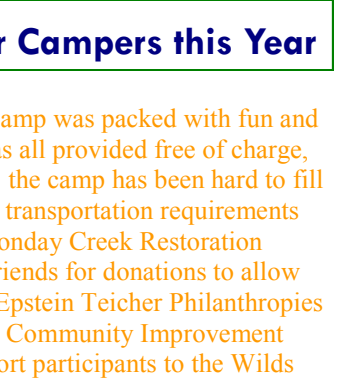
How does this work?

This is a new feature column for Monday Creek Restoration Project Up The Creek Newsletter. Send in your question, any question you may have about Monday Creek, The Monday Creek Restoration Project, water quality, or any watershed related question, and we will select one question to answer for each newsletter. Questions can be emailed to water@mondaycreek.org; mailed to: MCRP, 115 W. Main St., New Straitsville, OH 43766; faxed or phoned in to (740) 394-2047. We cannot guarantee that we will answer each and every question, but we will do our best! The author of question will be credited in the article, or you can request to remain anonymous.

Phone: 740.394.2047
Fax: 740.394.2047
www.mondaycreek.org

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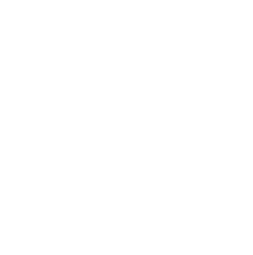


Kroger's Community Rewards

How Can YOU Help?

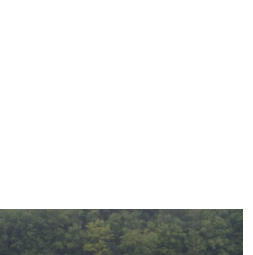
- WISH LIST**
Donate an item from our wish list:
- New or used office chairs
 - Document sized picture frames to display our awards
 - A new computer for our office
 - Craft supplies for Summer Camp
 - Printer paper or office supplies

Monday Creek Summer Day Camp Free for Campers this Year



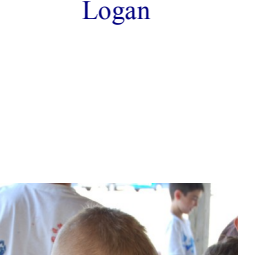
Dave Sagen educates Campers as they get up close and personal with a live snake!

The Monday Creek Summer Day Camp was packed with fun and activities for the campers this year, and it was all provided free of charge, thanks to grants and donations. Historically, the camp has been hard to fill with local youth, partly because the cost and transportation requirements were not within local budgets. This year, Monday Creek Restoration Project appealed to members, partners and friends for donations to allow campers to attend for free. Grants from the Epstein Teicher Philanthropies as well as the Athens Foundation and Rocky Community Improvement Fund paid for Logan school busses to transport participants to the Wilds and Lake Logan. The Summer Food Service Program gave the campers two lunches, Snowville Creamery provided milk and Frog Ranch contributed salsa, as breakfast, lunch and snack were provided daily. Monday Creek Summer Camp was also offered as an option for the participants of the Summer Youth Shops, a program held in Shawnee, OH, sponsored by Perry County Job and Family Services and the Sunday Creek Associates. Because MCRP helped transport children from that program, Little Cities of the Black Diamonds Council donated the use of their van for the week of camp. Special thanks go out to private donors Paul Nutter and Joe Maroon, of New Straitsville, Alan and Ruth Palo, George and Nancy Bain, William and Carolyn Hayes, Matt Halfhill, John Husted, ATC associates, and a group of employees at the Ohio EPA Southeastern Ohio Office donated over \$600 for the camp.



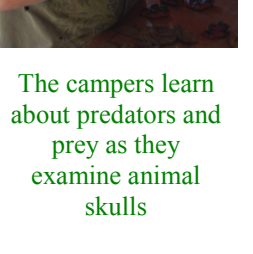
Campers Explore the safari park on their tour of The Wilds

With such overwhelming support, MCRP was able to provide each camper with his or her own water bottle for the week, a new fishing pole rigged with a hook, bobber and sinker, a T-shirt for decorating, a T-shirt from the Keep America Beautiful Campaign, and a reusable shopping bag in which they kept all of their art, water bottles, and collected items for the week. Fresh fruits and vegetables for the campers' meals were purchased from the Chesterhill Produce Auction. The cantaloupe in particular was a crowd favorite!



Woody the Owl from the Wayne National Forest visits the Campers following a stream clean-up

With a theme of Wildlife in the Watershed, many guest presenters kept the participants involved and learning throughout the week. Rebecca Miller from Hocking Soil and Water discussed bears and animal tracks. She and the kids improvised a simulated den from blankets, tables and chairs, for anyone who wanted to experience the close quarters of bear over-wintering. Afterwards, campers decorated shirts with animal tracks. The time and effort put into each design was impressive!



The campers learn about predators and prey as they examine animal skulls

Dave Swanson from Hocking College brought a collection of skulls and the kids learned how to tell a carnivore from a herbivore, and how to tell if a skull belonged to a predator or pray animal. Jenn Wallace, one of the Rural Action AmeriCorps Members with Environmental Education demonstrated how to make a bird feeder out of a Snowville Milk carton, and identified the multitudines of butterflies and insects brought to her by the children. Jenn's activities and enthusiasms rounded out the week as she improvised through weather and scheduling changes! (Cont. next page)



Families and their families enjoy a day of Canoeing at Lake Logan

A highlight of the camp, according to many campers, was the visit from Hocking Woods Nature Center and 6 live snakes! Dave Sagen presented every attendee with information about each species, and allowed everyone to pet and hold a snake, if they wanted to!

At the Wilds on Wednesday, we were treated to an up-close tour of the safari park, complete with a stop at the wetlands for water quality testing of the natural filtration system. Camels, giraffes, rhinos and cheetahs thrilled campers and volunteers. Everyone was amused when our guide compared a pile of rhino waste to FaceBook! Apparently this is how rhinos keep track of each other, and adding to the collection is their form of the "like" button!

Katrina Carpenter of Perry County Recycling helped show the connection between pollution and wildlife health, with a water pollution activity called "Fred the Fish." MaryAnn Borch, Hydro-geologist with Ohio Department of Natural Resources backed up Fred's message with a talk about how acid mine drainage affects the aquatic macroinvertebrates. Many of the campers were excited to catch and identify dragonfly and damselfly larvae in Tecumseh Lake. Kelly Capuzzi of the Ohio EPA braved the threat of thunderstorms to give an electrofishing demonstration in Monday Creek, netting 5 species in a just a few minutes!

For their service project, campers participated in the Great American Cleanup. In conjunction with Keep America Beautiful and Lowe's Foundation, attendees cleaned up the stream bordering the New Straitsville Village Park, satisfying one item of the grant Monday Creek Restoration Project was awarded. In recognition of their efforts, Woody the Owl, the Forest Service Mascot attended and gave certificates of appreciation to every camper who helped with the clean up.

The last day of camp was a relaxing day at Lake Logan where families and friends of campers were invited to an all day event. Fishing, swimming, and canoeing kept everyone occupied and happy until a cookout overseen by then Watershed Coordinator, Mike Steinmaus. Even though a thunderstorm ended our day a little bit early, campers, volunteers and staff were exhausted but happy at the end of Monday Creek's Summer Day Camp.

To see more camp photos check out our Facebook page! Just search for "Monday Creek Restoration Project" and look for our Summer Camp album.

Monday Creek Restoration Project is a Program of Rural Action

A non-profit organization working on social, economic, and environmental issues throughout Appalachian Ohio

