



## Our Mission

To restore the Huff Run watershed by improving water quality and enhancing wildlife habitat, through community support and involvement.

Huff Run Watershed Restoration Partnership, Inc. meetings are typically held the third Tuesday of each month at the Huff Run Office (former Mineral City Village Hall) at 5:30 pm. Please join us!

[www.huffrun.org](http://www.huffrun.org)



First Place: *Lonely Worker* by Judy Crilley



## Photo Contest 2007

This summer, over twenty photos vied for prizes in the fifth annual Huff Run Photo Contest. More wildlife and flowers made their way into the pictures this year. Three winners came out on top with three Honorable Mention awards including *The Water's Edge* by John Slack, *Web Designer* by Judy Crilley, and *Sunny Creek* by Elaine Reese. Judging for the contest each year has been conducted by the Norma Johnson Center Director, the owner of Celuch Photography and the Mineral City Elementary School Art Teacher. Congratulations to this year's winners!

Second Place:  
*Foundation for the Future*  
by Jodi Malusky



Third Place:  
*Never Been Kissed*  
by Michelle Plauger

This newsletter is paid for through a grant from the Ohio Environmental Protection Agency.

[www.huffrun.org](http://www.huffrun.org)

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**CROSSROADS RESOURCE CONSERVATION  
AND DEVELOPMENT COUNCIL, INC.**  
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# WaterMarks

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Volume X, Issue 2

"Preserving the Past, Healing the Scars, Protecting the Future"

## New Ohio EPA Grant Pending

Huff Run recently received news that their Ohio EPA Section 319 grant proposal has been selected for US EPA approval. If funded, the grant will complete funding for the Thomas Restoration Project with \$159,000. The Ohio Department of Natural Resources, Division of Mineral Resources Management (ODNR, MRM) will provide \$133,000 cash match for the grant while a separate grant from the Office of Surface

Mining has already promised just under \$100,000 which is administered by Rural Action.

The Thomas project is in Carroll County near Hope Road and is slated for a summer 2009 construction. Thomas was one of the first projects identified within the watershed and will work in conjunction with the Linden Bioremediation Project, which was constructed in 2003 and was also identified early. Thomas will reclaim six acidic impoundments created by strip mining as well as the large coal spoil piles (gob) on the site. Four open limestone channels lined with steel slag will be installed to neutralize acidity and improve alkalinity.



Rural Action will administer this pending grant. It is slated to go into effect this summer and is expected to end during the summer of 2011.

**OhioEPA**



## Huff Run Adopts a Highway

The Huff Run Watershed has many pollution concerns including illegal dumping and of course litter along the roadways. To combat litter and raise awareness for our cause, the HRWRP has recently adopted two miles of State Route 800 south of the Mineral City limits to about the intersection of State Route 212. The Adopt-A-Highway program is directed by ODOT, which erects road signs about the joint venture and provides visibility vests and signs during clean up events. The first clean up day for our adopted highway was on September 22 in conjunction with an Environmental Explorers meeting. About ten volunteers showed up to take care of the litter. A whopping 24 bags of trash were collected as well as one large recycling bag. Another clean up day will be planned for the spring.





Water Marks

## Water Marks HUFF RUN WATERSHED RESTORATION PARTNERSHIP

A COLLABORATION OF PEOPLE  
WITH CONCERNS FOR HUFF RUN

Winter 2007-2008  
Volume X, Issue II

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Water Marks is a free publication. It is distributed throughout the Carroll and Tuscarawas County area. The purpose of the publication is to provide vital information and to help educate citizens so that they can take an active role in protecting and restoring the Huff Run Watershed.

Water Marks is published two times a year by the Huff Run Watershed Restoration Partnership, Inc.

Submissions of articles, artwork and photos are welcome. Editorial contributions from our readers sharing knowledge, experiences and/or opinions are invited. However, Water Marks cannot assume any responsibility for statements and opinions expressed by contributors. All materials in Water Marks have been prepared by the Watershed Coordinator unless otherwise attributed.

Water Marks

P.O. Box 55  
Mineral City, OH 44656

# MINERAL CITY SEWER PROJECT UPDATE

*By Charles Regula, Sanitary Engineer, Tuscarawas County Metropolitan Sewer District*

The Tuscarawas County Commissioners opened bids in late August for the Mineral City Sewer System Improvements and Extension project. On October 24, 2007 contracts were awarded to Wenger Excavating of Dalton, Ohio for the sewer construction portion of the project and to Workman Industrial Services of Kent, Ohio for the wastewater treatment plant improvements. Unsewered areas along Dutchtown Road, Kennison Street, Cline Hill Road,



Minor Street, McKinley Avenue, Jefferson Avenue (German Cemetery Rd.), Fairview area and Lindentree Road are all included in the upgrade. In addition sewers on portions of First, Clay, Fair, North, Center, Division, and Davis Street in the Village will be replaced. The treatment plant improvements include replacement of old and non-functioning process equipment. The project has a project cost of just over \$3,025,000, which includes the construction, engineering and new equipment costs. The construction contracts are to be completed in one year.

Once work is completed, new users must obtain Sewer Connection Permits within 90 days and schedule connection to the sewer. All connections must be completed within 180 days of the mailed notice. The Sewer Connection Permit fee is \$1200 for residential users. A "Sanitary Sewer Service Connection Requirements" pamphlet is provided to all users when the sewer connection permit is issued. The pamphlet lists contractors that provide such services and where materials can be purchased for those providing their own installation services. It is not required that owners use a contractor on the list. The County, or representative, inspects all sewer connections before permitting use of the sewer connection.

The property owner is responsible for the cost of connecting to the public sewer and the abandonment of the on-lot sewage treatment system. Financial assistance may be available from the USDA-RD, Community Housing Improvement Program or by obtaining a conventional home improvement or home equity loan through a bank. More information about these programs can be obtained at the Huff Run office or through the Tuscarawas County Metropolitan Sewer District.

## River Rally to be held in Ohio!

Do you love Huff Run? Do you love all streams and rivers in general? Want to learn more about them? Now is your chance. River Rally, a national river conference organized by River Network, will finally be held in Ohio! The ninth annual conference will be held at Sawmill Creek

in Huron on May 2-5. Topics to be presented include: Climate Change, Water and Energy, Human Health and Water Quality, Clean Water Act, Technology, Stormwater, Green Building Techniques, Nonprofit Organizational Development, and Watershed Education. Scholarships from the Ohio Department of Natural Resources and River Network may be available. To learn more, visit [www.rivernetwork.org/rally](http://www.rivernetwork.org/rally) or call the Huff Run office.





## Riparian Trees Distributed

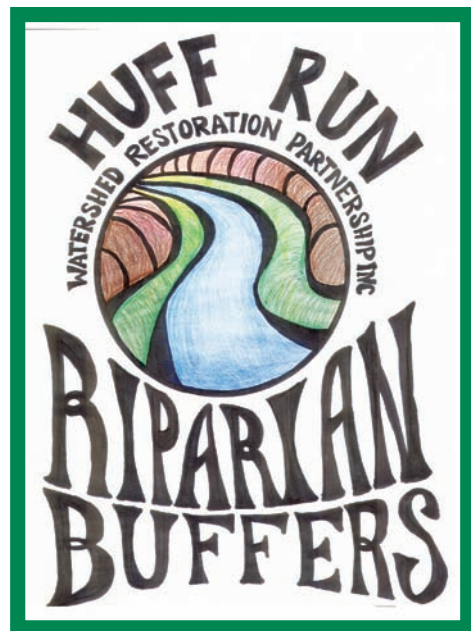
Vegetation along stream banks is of utmost importance, not only to the creek but also for its aquatic life. This area directly adjacent to the stream is called the riparian area and the vegetation, riparian buffers.

The shade from riparian trees lowers water temperature, which makes "breathing" easier for the fish and macroinvertebrates (bugs) that live there. Not only do fish and bugs appreciate the added oxygen, but they also are intolerant to certain warmer temperatures. The leaves, twigs and other small debris that fall into the stream become food and habitat for aquatic life. Additionally, the roots from trees and brush help water to percolate into the ground, resulting in less flooding. This acts as a buffer, reducing the amount of non point pollution entering the

stream such as road salt, pesticides, animal waste or even acid mine drainage. Strong tree roots also stabilize the stream bank, which reduces erosion and siltation to the stream.

Huff Run's riparian corridors were lacking in some more residential areas. With funds from Rural Action's US EPA Targeted Watershed grant, over thirty trees were distributed to streamside landowners during the summer and fall of 2007. Although they are small now, these trees will get to work right away defending the stream against pollution and flooding and providing for aquatic life.

Do you live along Huff Run? Do you need some trees for your riparian area? Funds can still be allocated to help create a better buffer in your backyard.



Learn more about the importance of riparian corridors at [www.huffrun.org/buffers](http://www.huffrun.org/buffers).

### Members Receive Window Decals

**Yes!** I want to become a *member* of the Huff Run Watershed Restoration Partnership! Enclosed is my yearly membership dues of

- ☐ \$5 Individual      ☐ \$10 Family  
☐ \$25 Non-profit      ☐ \$50 Business

Please put me on your contact list:

Name \_\_\_\_\_

Email \_\_\_\_\_

Phone number \_\_\_\_\_

Address \_\_\_\_\_

City/State \_\_\_\_\_

I understand that I will be contacted about the next meeting.

Make checks payable to HRWRP and send to:

**Huff Run Watershed Restoration Partnership, Inc.**

P.O. Box 55 • Mineral City, Ohio 44656



### Donors Receive Huff Run Paper Tablets

**Yes!** I want to *contribute* to the Huff Run Watershed Restoration Partnership. Enclosed is my tax-deductible donation of

- ☐ \$25 Partner      ☐ \$50 Affiliate  
☐ \$100 Supporter      ☐ Other \_\_\_\_\_

Please put me on your contact list: Name \_\_\_\_\_

\_\_\_\_\_ Email \_\_\_\_\_

Phone number \_\_\_\_\_

Address: \_\_\_\_\_

City/State \_\_\_\_\_

Make checks payable to HRWRP and send to:

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## Upcoming Restoration

Projects in 2008:

- Belden Restoration Project, near the former Kopp Clay Factory
- Fern Hill Reclamation Project Phase I, off of Hope Road
- Mineral Zoar Road Project, near the Mineral City- Zoar Road and Sandyville Road intersection

The Office of Surface Mining and the Ohio Department of Natural Resources, Mineral Resources Management will fund all 2008 projects. The US EPA will also fund Belden.

The Thomas Restoration Project is now slated for a summer 2009 construction.

Too often we become detached from nature. How we treat animals and the environment serves as a mirror reflecting back to us how in fact we regard each other.

- Paul Howey, author

## S.T.A.F.F...N.E.W.S

### HUFF RUN: *A Great Experience*

By Tamara Richards



As an intern for the Department of Natural Resources (ODNR), Mineral Resource Management Division, one of my main duties is to provide field and technical assistance to the Huff Run Watershed. It has been an invaluable experience for me. I am currently completing my master's degree in Geology/Geochemistry at the University of Akron. My thesis topic is focused on the iron precipitation found in acid mine drainage.

For me, working with ODNR and Huff Run has been a match made in heaven. The knowledge I've

gained doing my research has been put to practical use. I have been assisting the Watershed Coordinator, Maureen Wise, with field observations and sampling. It is exciting to see how coal mine drainage remediation works in real world situations.

The most positive part of my experience has been the pleasure of getting to know members of the watershed restoration group. What a dedicated and caring group of people! Their hard work and concern for the local environment are a wonderful example of what can be accomplished by a community that works together. It has been a privilege to be a part of the healing of Huff Run.

## *Welcome, Amber!*

We ask you to please welcome our new AmeriCorps VISTA volunteer, Amber Leasure-Earnhardt. She will be working primarily with our education and outreach programs along with water sampling and other Huff Run events. Amber is from West Salem, Ohio, and graduated in 2006 from Geneva College with a major in Political Science and a minor in Environmental Science. She and her husband Eric served with AmeriCorps State last year for the Iowa Department of Natural Resources on the Ecosystems Management Trail Crew. Amber has also interned with the Environmental and Energy Study Institute in Washington D.C. and studied at Au Sable Environmental Institute in Whidbey Island, Washington. She is very excited to be involved with the HRWRP back in her home state of Ohio and to be able to get to know the community and watershed.





## Party in the Park '07

Formerly called the Huff Run Fun Day, the Mineral City Party in the Park was held on Sunday, August 19 from noon to 8:00pm this year. The Party is organized by a partnership of all non-profits working throughout Mineral City. The HRWRP rents a large tent and conducts extensive environmental education and outreach during this event. Unfortunately, it was a cold and rainy day. We had a surprisingly strong turn out despite the dreary weather. Tent visitors made 37 acid mine drainage tie-dyed shirts. A table was set up to make crafts and kids made



16 bookmarks and 28 sketchbooks with fabric covers that had imprints of native leaves. The EEC gave out Huff Run balloons filled with helium. An EnviroScape demonstration was given by a Huff Run volunteer. Children crawled through "Worm Alley" which was held by the Carroll Soil and Water Conservation District. The EEC put on a puppet show.



Thirty-two runners supported our fourth annual Huff Run 5K. T-shirts were given to each participant. Major sponsors were Toms of Maine, the Bank of Magnolia, Lindentree Industrial Corporation and Hilltop Energy. Magnolia Subway donated refreshments. Overall winners were Nick Sayre, finishing at 16:36 and Sandy Debos, finishing at 20:57.

## Watershed Tour

Our annual Huff Run Fall Tour was held on October 18, 2007. This year's tour was held during the week to accommodate people with professional interests. Around 20 participants attended and included academia, interested community members, government representatives, ODN representatives and Huff Run members. The group first ate lunch at the Crossroads Restaurant in Magnolia and then traveled via 15-passenger vans to the project sites. The Tour consisted of the Mineral Zoar Road project, a hike around the Lyons project and a discussion about Belden near its confluence with Huff Run. This event was funded by Rural Action's US EPA grant.

### PHOTOS:

1. Visiting Mineral Zoar
2. Lyons
3. Discussing Belden



## Church Stewardship Campaign



Today is the day that the Lord has made...

Today is the day to protect the world's trees, streams, and wildlife...



Today is the day to teach our children to love the Earth and all the life that depends on it...

Palm 24:1-2 The earth is the LORD's; and all that is in it, the world, and those who live in it; for God has founded it on the seas, and established it on the rivers.

The Huff Run Watershed Restoration Partnership is working with local churches to reach out to different sectors of our watershed community. Our former VISTA, Michelle Shaw, designed a special bulletin encouraging environmental stewardship of the earth and its resources for the churches to use. With funding from Rural Action's US EPA Targeted Watershed Grant, the bulletins are provided at no cost to the churches. To date, over 500 bulletins have been distributed. All churches in the area are invited to be a part of this Stewardship Campaign. Ask your pastor or church leaders to participate. Samples can be provided. Call the office for more information.