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**JEFFERSON SOIL AND WATER CONSERVATION DISTRICT**  
500 MARKET ST., MEZZ., STE 4  
STEUBENVILLE, OH 43952  
PHONE (740) 264-9790

**JSWCD Mission Statement**  
"Promoting Conservation of Our Lands and Waters"

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Ken Perkins, Vice Chair  
Stephanie Vance, Secretary  
Jodee Verhovec, Treasurer  
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**JSWCD STAFF:**  
Irene Moore, District Administrator  
Wendee Dodds, Operations Mgr/Nat. Resources Spec.  
Brandon Andresen, Water Quality Coordinator  
Aaron Dodds, Watershed Coordinator  
Amy Browning, Bookkeeping Manager/Program Asst.

**JSWCD ASSOCIATE BOARD MEMBERS:** Dr. Eric Haenni & Paul Sweeney  
**NRCS STAFF:** Beth Krupczak, Clint Finney, Hans Baltzley

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**We are online and on Facebook**  
www.jeffersonswcd.org

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- JSWCD Board Meeting - July 15th
- EOGC Pasture Walk-Columbiana County - July 25th
- Jefferson County Fair - August 13th - 18th
- JSWCD Board Meeting - August 19th
- EOGC Pasture Walk-Tuscarawas County - August 22nd
- Labor Day -Office Closed -September 2nd
- JSWCD Board Meeting -September 16th
- Farm Science Review -September 17th -19th
- Annual Meeting & Banquet - September 23rd
- EOGC Pasture Walk-Jefferson County - September 26th
- Columbus Day-Office Closed -October 14th
- JSWCD Board Meeting -October 21st
- EOGC Pasture Walk-Stark County - October 24th



# The County Cooperator

A PUBLICATION OF THE JEFFERSON SOIL AND WATER CONSERVATION DISTRICT



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### District Celebrates 75 Years of Service



(Left) Terry Cosby, USDA/NRCS; Irene A. Moore, JSWCD District Administrator; Dorothy Pelanda, ODA Director and Tom Price, President, Ohio Soil and Water Conservation Commission

IRENE MOORE, DISTRICT ADMIN

"We are very proud of the work that has been done in Jefferson County over the past 75 years and it is our mission to see that work continue for years to come"

### Save the Date

Please join us to celebrate the Jefferson Soil and Water Conservation District's **75th Annual Meeting** Le Chateau Pier Smithfield, Ohio **Monday, September 23rd** (Election of Supervisors starts at 5:45 p.m.)

This year's annual meeting is a historical celebration of the activities, policies and events of the District.

As part of the celebration, current district supervisors and employees will recognize past supervisors, employees, and Soil Conservation Service/Natural Resources Conservation Service district conservationists.

The unique menu will showcase foods that have been raised or grown locally, such as fresh produce and farm raised meats.

The Ohio Federation of Soil and Water Conservation Districts honored the 75th Anniversary of The Jefferson Soil and Water Conservation District. Irene A. Moore, District Administrator, was presented with this memorable plaque to commemorate the diamond anniversary during the 2019 OFSWCD Annual Partnership Meeting held in Columbus this past January.

The JSWCD was organized in January of 1944 when County Extension Agent, Francis P. "Pop" Taylor called a special meeting of farm leaders. Taylor was the County Agent with the Agricultural Extension Service for nearly 30 years. He, along with a delegation of eleven Jefferson County farmers & the support of petitions, attended a hearing at the State Soil Conservation Committee in Columbus, Ohio.



### Looking Back



In honor of our 75th celebration, the District has been publishing historical photos for your viewing and reminiscing. We hope you have enjoyed looking back, we certainly have here in the District office.

Can you guess the names of these 1968 board members pictured in the photo above?

Email your best guesses to abrowning@jeffersoncountyoh.com or mail your identifications to JSWCD, 500 Market Street, Mezz., STE 4, Steubenville, OH 43952.

The first to submit the most correct guesses will win a dinner reservation for the September 23rd Annual Meeting and Banquet. The deadline for your entry is Friday, August 2, 2019.

It is that time of year when we begin to plan our annual banquet and election. The annual banquet and election serves as a time to celebrate the accomplishments of the district and elect board members that ensure the success of the district.

Board member terms are staggered, so elections are held every year. Five supervisors represent the county residents by serving on the board for three-year terms.

As with all public officials, the rights and responsibilities of the District office are written in the applicable sections of the Ohio Revised Code (ORC) and the Ohio Administrative Code (OAC).



Board members play a crucial role in supporting and promoting the SWCD. We count on them for their knowledge of our county and rely on them for guidance and support of our projects. Our Board

members are essential to the success of the district. Board members may work with other agencies, organizations and government offices to coordinate partnership efforts with the district. They are able to do this, as every board member brings a diverse set of skills to the board. Most board members have full-time occupations, so they are busy people!

However, as a board member, you represent those who elected you to this responsibility and it requires attention and leadership abilities. Not only do board members provide valuable guidance, they also ensure the district is implementing conservation works of improvement, natural resource assistance and providing education necessary to the county they serve.

Interested? If you feel serving on the board is something that interests you, now is the time to start thinking about running for election. To apply and be eligible to run for election, applicants must be 18 or older and live in Jefferson County. Citizens can be nominated by the SWCD nominating committee or they can petition to be on the board by obtaining at least 10 valid signatures on the SWCD Candidate Nomination Petition.

**There are timeline requirements for board member applicants so call our office if interested.**

In addition to board members, we also can have associate board members who are equally as passionate about Jefferson County's natural resources. Associates' duties include attending meetings, sharing input and attending public functions. If interested in serving as an associate board member, contact our office or a current board member.

It can take several months to become knowledgeable as to all of the district activities, so by serving as an associate board member, an individual can better determine if he or she has the time and willingness to contribute to district programs.

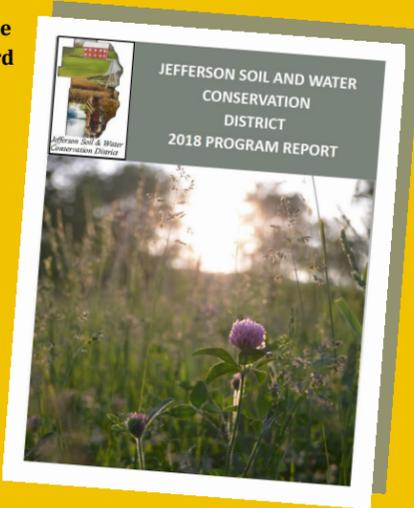
We have a GREAT board here at JSWCD and we could not do the work we do without them.

Board meetings are open to the public, so if you are interested in becoming a board member, attend a board meeting and see if you can help make a difference.

## 2018 PROGRAM REPORT

The Jefferson SWCD was formed in 1944 for the purpose of planning and carrying out natural resources conservation programs. Monthly board meetings of the Jefferson SWCD Board of Supervisors are held on the third Monday of each month to conduct business. Meetings are held at 4:30 p.m. All meetings are open to the public.

As stated in the JSWCD's 25th Anniversary Annual Report: "The proposed purpose of the Jefferson Soil Conservation District was to conserve soil, water and other natural resources in order that adequate income and a desirable standard of living could be maintained." And the rest, as they say, is history. Over the decades, JSWCD's purpose has not faltered. Our Board & staff are dedicated to the mission of promoting and educating wise land use to the public. Copies of the 2018 Program Report are available in the office.



### Explanation of USDA Service Center Hours

The Hopedale Service Center located at 104 Firehouse Lane, Hopedale, OH 43976 is open Monday-Friday 8:00am-4:30pm.

As of April 1, 2019, the Harrison/Jefferson Farm Service Agency (FSA) was reduced to part time office hours and is under shared management with the New Philadelphia FSA office. The Harrison/Jefferson FSA office is open every Monday 8:00am-4:30pm and one other day by appointment (usually Fridays unless otherwise arranged), which can be scheduled by contacting Jessie Birney, County Executive Director, at (330) 339-5585.

The Natural Resources Conservation Service (NRCS) staff are located at the Hopedale Service Center Monday-Friday. NRCS is a technical agency and the staff is sometimes in the field or attending meetings or trainings, so there are times that NRCS staff will not be available at the office. To ensure that the NRCS staff is available for your visit it is recommended that you call the Hopedale Service Center at (740) 937-2500 before stopping by.

## JEFFERSON SWCD BIG TREE CONTEST NOMINATION FORM

**ENTRY DEADLINE: FRIDAY, SEPTEMBER 1, 2019**

### Owner Information:

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

### Nominator Information: (If different than owner)

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

### Tree Measurements & Information:

Tree Species (Red Oak, Sycamore, Maple, etc.) \_\_\_\_\_

Tree Condition (Healthy, Broken Top, Dead Top, etc.) \_\_\_\_\_

Location of Tree (Please provide specific directions) \_\_\_\_\_

Circumference \_\_\_\_\_ (This measurement is recorded in inches at 4 ½ feet above the ground. The use of a diameter tape or regular tape measure around the tree at the measuring location is preferred.)

Total Vertical Height in feet \_\_\_\_\_ (The height of a tree is measured from ground level to the highest point of the tree. Estimates can be made by comparing the tree to an object of known height such as a 5' tall person, or a 25' building, etc.)

Average Diameter of Spread of Crown in feet \_\_\_\_\_ (This requires two measurements to be taken of the ground area below the tree's spreading crown. Measurements should be taken in feet at the widest point of crown spread and one at the narrowest point. Add these two measurements together and divide by two to get the average crown spread).

### Any additional information:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Photographs (Please attach):

Return Entry Form by September 1, 2019 to:

Jefferson SWCD  
500 Market Street, Mezzanine, STE 4,  
Steubenville, OH 43952

For more information contact 740-264-9790 or visit [www.jeffersonswcd.org](http://www.jeffersonswcd.org).

For more detailed directions on measuring and to compare those preliminary measurements to those in the existing list of Champions visit: <http://forestry.ohiodnr.gov/bigtree>

Entry in this competition gives the District and their agency representative the right to enter the property to measure the above entered tree.



Sponsored by the

Jefferson Soil and Water Conservation District

*In search of Jefferson County's Largest Tree*

### TO NOMINATE FOR MEASUREMENT:

If you have ANY species of tree that you think could be the largest in the county or even the state, submit it for measurement by filling out the attached form.

All nominated trees are measured for diameter, total tree height and average crown spread. These measurements combined determine the tree's total score. The top scored tree is considered the county's largest tree. The winner of the largest tree will be announced at the District's Annual Meeting on September 23rd.

# LOCAL STUDENTS EXPERIENCE STREAM STUDY

John King Bishop Mussio and Buckeye Local Junior High Schools traveled to Cross Creek and Short Creek streams in Jefferson County to gain hands-on experience on how to assess the water quality of a creek. The activity, coordinated by the staff of the JSWCD, introduced the 8<sup>th</sup> graders to a variety of stream study tests and tools that can help to measure and evaluate the quality of the water.

The students gauged the speed of the water by conducting a velocity test; oversaw a physical assessment by observing the land uses in the watershed and documented streambank conditions. They performed additional testing to determine pH, turbidity and water temperature. A biological assessment was also conducted by the students through a process called kick seining – a method to collect macroinvertebrates in nets. These aquatic insects without a backbone are water quality indicators. The students learned that these organisms are either tolerant or sensitive to pollution and that their presence or lack of a presence will relate to the health of the stream.

This study is an annual activity posed to help students relate the concept of biodiversity to the health of the aquatic ecosystem. Assistant Principal Sandy Morelli and junior high educators Julie Gonzales and Meghan Pirro of John King Bishop Mussio as well as educators Genny Varkony and Julia Kuchan of Buckeye Local recognize the significance of hands-on experiences for their students. They most importantly support the opportunity for the students to gain the experience and knowledge they will need to make prudent decisions regarding water resource use.

Students collecting macro-invertebrates for stream study test



Students learn by hands on research



Students are introduced to the process of stream monitoring and its long term importance



Natural resources-based programs and activities are available through the assistance of the JSWCD. For additional questions and information contact the District office.

# Jefferson County Hosts 2019 Ohio Envirothon



The ENVIROTHON is a high school competition designed to grow, reinforce and enhance interest in the environment and natural resources. Students are tested on their knowledge of soils, forestry, wildlife, aquatic ecology and current environmental issues.

In addition, the Envirothon encourages cooperative decision-making and team building. While each student on a team is challenged individually

to contribute his or her personal best, the team score is the one that counts at the end of the competition. A team consists of five students, all from the same high school. The top four teams from each Area Envirothon then go on to compete at the state competition.

Wendee Dodds, JSWCD Operations Manager and Natural

Resources Specialist, currently sits on the State Envirothon Committee and was the organizer for the 2019 state competition which was held in Jefferson County on June 9, 10 & 11 at Franciscan University of Steubenville and Field Testing at Fernwood State Forest.



FERNWOOD STATE FOREST

Teams were tested on knowledge of soils, forestry, wildlife and aquatics



Attendees were also given the opportunity to participate in a college/career fair. The event introduced students to different career options and educational institutions. Representatives from eight institutions or agencies such as Franciscan University and Ohio Division of Wildlife were available to meet with students to discuss future career possibilities.



Not only did the students have fun, but the team advisors also had the opportunity to take a very unique tour while their teams independently prepared for the oral presentation portion of the competition. The advisor tour started with a brief commute along Ohio State Route 7 to the small town of Stratton, Ohio, to the New Cumberland Locks and Dam. The group

toured the 1,200- by 110-ft structure that enables passage through the lock. Lastly, returning back to Downtown Steubenville, the evening continued at Drosselmeyer's Nutcracker Shoppe, a year-round Christmas store, where they witnessed the creators of the Nutcrackers, The Steubenville Popcorn Co., and finally, coffee at the Renaissance Coffee Roasting Co. & Leonardo's Coffeehouse.



Congratulations to all the teams that participated in the Area and State Competition.

**INDIAN CREEK** Envirothon teams **RED** and **GOLD** competed in the Area III Envirothon on April 24th at Broughton Wildlife and Education area in Washington County.

Holly Campos, Paul Dupain, Jonnie Giusto and Gavin Dondzila



Kody Cottis, Austin Starr, Rachael Barnett, Zach Barnett and Colton Wietfeld



*It's a good opportunity to get out and learn about the environment and current issues.*  
- Zach Barnett, 2019 Graduate

The competition consisted of 31 high school teams from 16 counties from Southeast Ohio.



## Centerville High School

1st Place—2019 Ohio Envirothon

Advance to the NCF Envirothon Competition July 28-August 2 at North Carolina State, Raleigh, NC.

## Meet and Greet



Irene Moore, Wendee Dodds, Dorothy Pelanda, Amy Browning, Jodee Verhovec

JSWCD staff meet with newly appointed Ohio Department of Agriculture Director, Dorothy Pelanda

The Soil & Water Conservation Districts of Jefferson, Harrison and Belmont Counties hosted a Meet-and-Greet by Director of the Ohio Department of Agriculture, Dorothy Pelanda, on Friday, April 5<sup>th</sup>.

Pelanda, the first woman to serve in the Director capacity, was appointed as the 39th director of the Ohio Department of Agriculture by Governor Mike DeWine. Growing up in Marysville, Pelanda continues to reside on her family's farm. Pelanda attended Miami University and the University Of Akron School Of Law after graduating from Marysville High School.

Pelanda listened to concerns and answered questions from local organizations and agencies as well as community land owners and local agriculture leaders. Also in attendance was representation from the Harrison Central High School FFA. Pelanda, dressed in her own FFA corduroy jacket, addressed each member giving them a chance to ask questions and give their future plans.

*"It is a great opportunity for those here to meet with Director Pelanda and to learn about her concern for local natural resource issues as well as those occurring throughout the state."*

*"Jefferson SWCD looks forward to working with Director Pelanda."*

Jodee Verhovec  
SWCD District Board Member



## Time to Change Your Mowing Habits

In an effort to save money and time, it's time to break old habits and change up the way you mow your lawn. By making some changes not only will your lawn be greener and healthier but you'll help reduce nutrient pollution in our streams and waterways.

Keeping the mower high, not scalping the grass, will help prevent weeds and stop moisture from evaporating from the topsoil. Using a mulching mower or leaving the grass clippings on the lawn will provide your lawn with free nutrients that you would otherwise have to buy as fertilizers and chemicals to get the same benefits. By leaving the clippings on the lawn you're helping to remove the millions of tons of synthetic fertilizers placed on lawns which contributes to harmful algal blooms.

Don't blow grass clippings into the street or onto the sidewalk where they can be washed into the storm drains when it rains. Sweep or use a leaf blower to get them back on your lawn. Storm drains flow directly to streams and creeks, so the clippings that are left in the road and/or sidewalk when washed into the storm drain can also contribute to harmful algal blooms. Also, leaving grass clippings in the street can be considered a safety hazard, especially for motorcycle riders, creating a slick surface.

Finally, don't toss your clippings over the bank or hillside. More times likely than not, there's a stream located below the bank and the clippings can wash into the stream. Consider creating a compost pile instead.

By making a few changes to your mowing habits, you'll save time, money and help prevent pollution to the streams and waterways. Contact JSWCD with any questions or if you'd like more information on how to prevent storm water pollution.

## Beadnell named Logger of the Year

The Ohio Forestry Association (OFA) recently named James E. Beadnell of Bergholz, Ohio the Ohio Master Logger of the Year.

Beadnell started his business in 1985 and has a reputation of doing the best job possible on his timber harvest sites.

Jeremy Scherf, ODNR service forester who nominated Beadnell for the award, shares

that Beadnell frequently comments that "if my job isn't right, I shouldn't be doing this at all."

The announcement was made during the OFA annual meeting, March 6-7 in Columbus.

Jim's wife, Twila, and stepson, Clint Carpenter, were there to share in his award acceptance.

While Beadnell does buy some of his own timber, he mostly contract cuts for DeNoon Lumber Company.

Owner Bill DeNoon has stated that Jim is one of his most reliable loggers and he does great with difficult jobs. He said Beadnell always finds a way to get the job done properly while making the landowner happy.

The Ohio Forestry Association maintains a safety training and voluntary certification program for logging contractors and their employees known as the Ohio Voluntary Master Logging Company Program. The program involves training loggers in chainsaw safety, best management practices for soil and water protection and first aid and CPR.

Through the certification program, each logger must complete periodic re-certification keeping the logger up to date on new innovations, techniques, industry issues and in other areas. The logger also is required to be a member of the local logger's chapter which is a regionally organized group of loggers who meet to maintain their continuing education credits and stay abreast of timber industry issues.

Beadnell has been a member of the Steel Valley Loggers Chapter since 2000. The chapter is coordinated locally by the Jefferson Soil and Water Conservation District.



JAMES E. BEADNELL

*"if my job isn't right, I shouldn't be doing this at all."*

## Woodlot Owner Resources

Forest management has to do with providing a forest the proper care so that it remains healthy and strong in order to provide the products and resources needed by the landowner. There are certain principles, practices and techniques necessary in order to properly care for the forest. That is why it's essential to develop and execute a plan.

The Ohio Department of Natural Resources (ODNR), Division of Soil & Water Conservation, in cooperation with Ohio's Soil and Water Conservation Districts have

established the Ohio Timber Harvest Planning Program. The program's purpose is to assist landowners, loggers & foresters with the pre-planning of logging activity. The program is voluntary and designed to help responsible parties select Best Management Practices (BMPs) that will reduce soil erosion and maintain the harvest site to state standards.

Woodlot Owners Resource Packets are available at our District office. The information in the packet provides land users with the information and tools to make the best management decisions regarding woodlot harvests.

More information is available from the following agencies:

[ODNR Division of Forestry](#)

[Ohio Forestry Association](#)

[Ohio State University Extension](#)

## Soil Health Principles

Soil isn't inert or sterile, but a home to billions of living organisms that help us grow plants that provide nutritious food, fiber and fuel. For soils to be highly functional, we look for ways to protect it from other forces, such as wind and rain. We also look for ways to feed the soil organisms inhabiting the soil. The major soil health principles are:

- keep soil covered
- living roots for as long as possible
- diversity of plants
- minimize tillage
- integrate livestock

The last principle, "integrate livestock," is not always included, but animals are a part of nature. With proper grazing or manure handling, livestock can be a part of improving soil health.



## Governor DeWine outlines H2Ohio water quality initiative

Ohio Governor Mike DeWine outlined his H2Ohio water quality initiative, which he is introducing as part of his proposed budget for the 2020-2021 biennium.

“Water is vital to everyone, yet communities throughout the state face real and different challenges, such as algae blooms, failing septic tanks, nutrient pollution, and threats of lead contamination,” Governor DeWine said. “We cannot continue to lurch from water crisis to water crisis. I am proposing an H2Ohio initiative that would allow us to invest in targeted, long-term solutions to ensure safe and clean water across the state of Ohio.”

During an event in Toledo, Governor DeWine announced that his proposal would create a special H2Ohio Fund that would be used to protect Ohio’s water quality over 10 years and could amount to approximately \$900 million.

“Rather than borrowing to pay to fix our water problems, we want to create a special account, where we can deposit funds to be used specifically for water quality across Ohio,” Gov. DeWine said. “We believe that this is a responsible approach to address a critically important issue.”

H2Ohio funding would be used for water programs across the state, including for Lake Erie and other rivers, lakes, and waterways in Ohio, for efforts such as:

- Prevention and land-based management programs, such as funding efforts to minimize the introduction of nutrients and other runoff into Ohio waterways, additional staffing at soil and water conservation districts, and more aggressive action to address failing septic systems and other water treatment needs across Ohio.
- Water-based restoration programs, such as the creation of more wetlands in targeted areas to naturally filter out nutrients and sediment and utilizing emerging technologies to minimize water quality problems and treat polluted water.
- Science, research, and measurement, such as supporting ongoing research and data collection to advise on metrics and measurable goals, and to stay updated on and utilize new prevention and treatment technologies.

“We are so excited to be a part of it,” said Dorothy Pelanda, director of the Ohio Department of Agriculture. “This is going to provide resources to every county in Ohio and we’ve been working hard with ODNR and EPA to consider what farmers need most across the state in terms of help from our state to move forward with their own initiatives to help with water quality.”

The Ohio Farm Bureau Federation is supportive of the effort.

## Trees for Bees



Many people are concerned about the health and survival of bees, including honey bees, native bumble bees and the hundreds of lesser-known native and wild bees that call Ohio home. Bees are threatened by an assortment of factors such as pests, pathogens, pesticides, climate change and a lack of nesting habitat and forage plants.

Bees and flowering plants have a critical relationship. Flowering plants provide nectar and pollen for a bee’s diet. Pollen is an essential source of protein for developing bee larvae, and nectar provides a carbohydrate source. Honey bees convert nectar into honey by adding an enzyme which breaks down the complex sugars into simple sugars. Bees, in turn, transport pollen from flower to flower as they forage, allowing for plant fertilization and the production of seeds and fruit.

While trees provide many well-known ecological benefits, the importance of trees as a source of food for bees is sometimes overlooked. Ohio trees can provide food for bees from early spring through late summer, with most tree species in Ohio blooming in spring and early summer.

Ohio horticultural experts have noted significant bee foraging activity on trees such as Carolina silverbell (*Halesia carolina*), seven-son flower (*Heptacodium miconioides*), goldenrain tree (*Koelreuteria paniculata*) and Japanese pagoda tree (*Styphnolobium japonicum*) in landscape settings. To find a list of additional trees described as important by multiple researchers and bee experts visit <http://ohioline.osu.edu>.

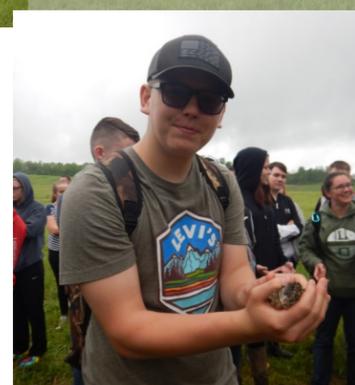
“The Governor’s approach to water quality is refreshing for Ohio agriculture,” said Adam Sharp, OFBF executive vice president. “The H2Ohio initiative and its extensive resources shows an understanding of the complexities that come with this issue. This funding is a great example of how this governor is fully committed to work with farmers throughout the state toward the common goal of clean water. We look forward to working with the administration as the initiative moves forward.”

## Indian Creek Students Raise and Release Quail

Forty-three Indian Creek 10th grade biology students marked the end of the school year in a unique way. They released 10 bobwhite quail chicks into Jefferson County, part of a partnership between the school and the Jefferson Soil and Water Conservation District designed to help the students learn and give back to the community and the environment.



The students in Mrs. Fluharty’s biology class delved into a hands-on, ecological adventure through a class project involving Northern bobwhite quail. The species once native to this area has since dwindled in population due to man-made changes to their desired environment. This is the first year that Fluharty’s class attempted the assignment in conjunction with the Jefferson Soil and



Water Conservation District. The partnership hopes to continue the program in the upcoming years with possible changes to the species raised and released.

The adventure started with a 25-day incubation and observation period of 15

eggs. Once the quail eggs hatched, the students

were tasked with maintaining optimal temperatures inside the brooder, in addition to providing food and water.



Interactive participation with EnviroScape

The experience concluded on May 9th with a class trip to Renegade Ridges 1,200 acre ATV park, located in Bloomingdale, to release the quail. Students released the chicks into the thick shrubs for shelter and protection. Also during the trip, they learned about the importance of proper land use management,

hiked the trails, fished and had the opportunity to try their hand at archery. The archery trailer was provided by the Ohio Department of Natural Resources Division of Wildlife.



Aaron Dodds helping instruct archery

The interactive program gave the students an up-close look at the stages of a quail’s life cycle, impacts on the local environment and an opportunity to get out of the classroom and experience nature.

## Jefferson County Fair

Stop by the JSWCD booth located in the commercial building at the county fair.

The fair runs August 13th -18th in Smithfield.

There will be information available about the programs and services that SWCD offer as well as signups for giveaways.

Also take time to visit the livestock barns and congratulate the JSWCD sponsored “Best Stall Name Plate” winner in each barn as well as vote for the “Overall 2019 Fair Best Name Plate Winner” at our booth.

### Share Your Love for the Outdoors... Take A Kid Fishing

**W**eather is warm and the sun is shining, so string up an extra pole and take a youngster with you when you head out to your favorite hole to wet a line. Spring/Summer fishing affords many opportunities for nice catches of Crappie, White Bass, Bluegill and larger species such as Saugeye, Walleye and Catfish.

Teach them to tie a fishing knot, let them play in the bait box or minnow bucket, make a game of packing out litter and show them how much fun a few hours of fishing can be.

Take pictures and display them. It's amazing what kids can remember from photos.

**Most of all,  
have fun and create memories!**

Secure the future of fishing for  
Tomorrow...Take a kid Fishing!

**Fishing Facts:** Kids ages 15 and under do not need a fishing license to fish in Ohio. Kids ages 16 and older are required to have a fishing license. An adult without a fishing license may assist a youth that is fishing, but if an adult also wants to fish, he or she needs an Ohio fishing license. Licenses may be [purchased online](#) or at a [hunting /fishing license agent location](#).



## FARMERS - Markets -



Jefferson County is proud to have not one, but two farmers' markets each week from June to September.

Farmers markets are an integral part of the urban/farm linkage and have continued to rise in popularity, mostly due to the growing consumer interest in obtaining fresh products directly from the farm. The Farmers Market allows consumers to have access to locally grown farm fresh produce, meats, baked goods, plants and more.

**Farmer's Gateway Market** - Wednesday evenings, 4:30 to 6:30 p.m. at Eastern Gateway Community College's front lot. Coordinated by the Jefferson Soil & Water Conservation District. Visit the market Facebook page or phone 740.264.9790 for more information.

**Downtown Steubenville Market** - Thursdays, 8 a.m. to 1 p.m. at the corner of South and South 4th Streets in downtown Steubenville. Coordinated by the Steubenville & Jefferson County Visitor's Bureau. Visit the market website page or phone 740.283.4935 for more information.



**Congratulations Matt Fomenko!** Matt was able to name each member shown in the JEFFERSON SOIL AND WATER CONSERVATION DISTRICT AUXILIARY picture. The picture was taken in the mid 1990's. Matt wins a dinner reservation for the September 2019 Jefferson SWCD Annual Meeting and Banquet. Thank you to all that participated.

**Front (L to R):** Carol Kithcart, Anne DeNardi, Nova Sutton, Irene Rozsa, Linda McConnell, Lucille Piergallini, Faye Laposki, Betty Rozsa, Elizabeth Soka

**Back (L to R):** Mrs. Puch, Violet Rozenek, Cora Kirk, Shirley Newburn, Helen Straus, Judee Parkinson, Helen Henderson, Josephine Rozenek, Verna Baumberger, Joanne Ramsey, Josephine Omaitis

**Don't forget to Like us on Facebook!**



**Jefferson Soil and Water Conservation District**



JSWCD held its 30th annual Fernwood Outdoor Days program at Fernwood State Forest, Bloomingdale. This program educates local 5th graders of Jefferson County school districts about the natural resources that surround them.

Local organizations and state agencies take part in the educational event as well. "What makes this program great is the collaboration between so many agencies and partners." states Duayne Wetherell, JSWCD board member. "Everyone comes together for the purpose of educating our youth about natural resources and that's something special."

The Ohio State University (OSUE) Extension's youth and students from Brandon Pendleton's Indian Creek High School Environmental Studies class serve as team leaders for the individual groups. The groups rotate between stations with presenters from ODNR Division of Forestry and



**Beekeeping**

Division of Wildlife, OSU Ext., JB Green Team, JSWCD, Joe & Cindy Rodak (Beekeepers), and Stephanie Vance (Biology Professor at EGCC).

Over 3,500 acres make up the Fernwood State Forest and allows for many recreational activities open to the public including fishing, hunting, hiking and camping. There are gun ranges available as well.

ODNR, Division of Forestry manages the forest and JSWCD has high appreciation for the partnership to coordinate this event every year.



**Forestry**

The JSWCD board and staff want to extend their **thanks** to everyone who continues to make this annual program a success.



**Archery**



**Web of Life**



**Aquatics**

Jefferson SWCD is proud to have partnered with area SWCDs to purchase an Interactive Rain Water Simulator. The mobile education display shows, on a small scale, the impacts of rainfall and runoff on conservation and land management practices.

The simulator provides farmers, local watershed groups, and urban residents scientific information directly applicable to their land and water quality by simultaneously distributing rainfall on five different surfaces. The runoff from these scenarios collects in glass jars that clearly show the results. For example, the rainfall simulator can highlight how keeping various amounts of residue, such as corn stubble, on the land surface can reduce sediment loss. The simulator also shows how cover crops can be effective, or how much runoff occurs on a solid surface such as an urban parking lot.

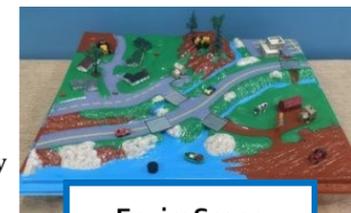
The Rain Water Simulator provides us another tool for youth education by allowing a dramatic demonstration in which students can then predict and compare the effects of rain falling on various surfaces. Students can also test different theories involving soil erosion, water quality, landscape alterations and the differences between permeable and impermeable surfaces with this model.



**Rain Water Simulator**

Our popular interactive 3D water pollution model, EnviroScape, is an

important education tool for all ages. The model provides a hands-on, interactive demonstration of how everyday actions like over fertilizing, lack of automobile maintenance, soil erosion and illegal dumping can harm the waterways and ways to prevent it by the use of best management practices. The EnviroScape allows for an effective simulation of the movement and effects of pollution in our waterways and lakes. The students participate in the activity by adding a variety of "pollutants" to the model using various harmless foods and dyes, and generate rain fall with spray water bottles. and the best management practices to prevent this type of pollution from occurring. The overall watershed/storm water concept is effectively communicated to all ages.



**EnviroScape**

Both are great tools to implement in learning initiatives, and because both are portable, engaging and informative we can share our environmental message through education anywhere!