

DRAFT AGENDA
Ohio Watershed Leaders Conference 2019
September 5-6, 2019
Lake Hope State Park

Day 1 – Thursday, September 5th

9:00 – 10:15 a.m. Registration

10:30 – 10:45 a.m. Welcome

Jerry Iles, Conference Organizer, Ohio State University Extension
Greg Nageotte, Ohio Department of Agriculture

10:45 – 11:45 a.m.	Keynote Speaker	30
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12:00 – 1:00 p.m. Lunch & Networking

1:00 Board Charter Bus for Field Trips

Option 1 - Raccoon Creek

Host – Amy Mackey, Raccoon Creek Watershed Coordinator

Stop 1 Fish shocking demonstration at Lake Hope. ODNr will demonstrate fish sampling techniques and discuss the fish that are found in Lake Hope.

Stop 2 Big Sandy Run Low-head dam removal site (along rt 278, North of Lake Hope). A small low-head dam on big Sandy Run (the tributary that forms Lake Hope, and a tributary to Raccoon Creek) impacts fish passage and degrades aquatic habitat. During pre-construction sampling, 12 species of fish were found downstream of the dam, and only 4 species upstream, indicating that during normal flow events, fish are unable to move upstream of the dam. This project is funded by an EPA 319 grant and will be completed by ODNR Division of Forestry.

Stop 3 Ilesboro Road Reclamation Project. This project is scheduled for completion summer 2019. The project, funding by an EPA 319 grant and OSM Watershed Cooperative Agreement Grant, consists of regrading, re-soiling, and vegetating a 29-acre abandoned ridgetop mine in the West Branch of Raccoon Creek. The goal of this project is to reduce the acidity and metals entering the West Branch of Raccoon Creek.

OR

Stop 3 Carbondale Doser Project. The Carbondale Doser is an active treatment in the Hewett Fork sub-watershed of Raccoon Creek. The doser dispenses calcium oxide to neutralize the acidic waters being produced in the abandoned underground mines in and around Carbondale. The doser has been a very successful treatment project and has been responsible for the recovery the lower sections of Hewett Fork, and Raccoon Creek downstream of the confluence.



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Day 1 – Thursday, September 5th continued

Option 2 - Sunday Creek Sites

Host – Michelle Shively and Nate Schlater

- Stop 1 Corning Acid Mine Drainage --> Paint Pigment Research Treatment Plant. AMD impacts thousands of miles of streams across Appalachia. Although most of the mines that caused this drainage were long ago abandoned, this legacy of pollution is expected to continue for decades, creating polluted streams throughout economically depressed communities. However, through an engineered biochemical process, the polluted water can yield a commercial grade iron pigment that can be sold in industrial quantities. Our AMD --> Paint Pigment research team (Rural Action, Ohio University, and ODNR-DMRM) has developed this process utilizing AMD at the lab scale and are currently testing the technology at the Corning Discharge site on a research scale, producing effective pigments, demonstrating potential profitability, and producing well-received artwork and community projects. This research scale treatment plant was built by Ohio University and Rural Action with funding from the Sugar Bush Foundation on the banks of Sunday Creek at the Corning village park. A full-scale facility is currently in the design phase for the Truetown Discharge also in the Sunday Creek Watershed. Turning a pollutant and waste product into a valuable commodity has really changed the game of reclamation of these large discharge sites!
- Stop 2 Pine Run Bat Gate and Doser Project. The Pine Run Doser is an active treatment in the West Branch of Sunday Creek. The Doser dispenses calcium oxide to neutralize the acidic waters being produced in the abandoned underground mines in the valley. The Doser has been a very successful treatment project and has been responsible for the recovery of the entire 14 miles of the West Branch. The Bat Gate is an old mine entry that still discharges acid mine drainage and is the site of much of our iron oxide pigment collection efforts thus far.
- Stop 3 West Branch Headwaters Reclamation Project. This project was completed in 2010. The project, funded by ODNR - DMRM, an EPA 319 grant and OSM Watershed Cooperative Agreement Grant, included construction of a limestone leach bed, AMD treatment wetland, subsidence hole closures, and significant reclamation of gob (waste coal material left after mining) in the West Branch of Sunday Creek. The goal of this project was to reduce the acidity and capture iron and aluminum so that they do not enter the West Branch of Sunday Creek.

5:30 – 6:30 p.m. Dinner

6:30 p.m. Evening Activities (on your own)
Canoeing on the lake, hiking/walking, swimming at the Lake Hope Beach Area



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Day 2 – Friday, September 6th

7:30 – 8:10 a.m. Breakfast

8:15 – 8:45 a.m. Concurrent Sessions:

Session A “Restoration, Recover and Recreation in the Raccoon Creek Watershed”
Amy Mackey, Raccoon Creek Watershed Coordinator

Session B “Soil & Water Conservation Grant Participant Meeting”
Greg Nageotte, Ohio Department of Agriculture (1-hour session)

8:45 – 9:15 a.m. Concurrent Sessions:

Session A “\$5000 in Watershed Funding: Don’t Let It Float Away”
Dennis Clement, Ohio EPA

Session B “Soil & Water Conservation Grant Participant Meeting”
Greg Nageotte, Ohio Department of Agriculture (1-hour session)

9:15 – 9:45 a.m. Concurrent Sessions:

Session A “Using the Clean Ohio Fund to Protect Critical Riparian Lands and Create Recreational Opportunities”
Jerry Iles, OSU Extension

Session B “Core Competencies of Water Managers”
Anne Baird, OSU Extension

9:45 – 10:00 a.m. **MORNING BREAK**

10:00 – 10:30 a.m. Concurrent Sessions:

Session A HABS Part I
Heather Raymond, Ohio EPA

Session B “The Watershed Coordinator Program-an ODNR/ODA Success Story”
John Navarro, ODNR-Division of Wildlife

10:30 – 11:00 a.m. Concurrent Sessions:

Session A HABS Part II
Ruth Briland, HABS, Ohio EPA

Session B “My Backyard Stream Water Quality: Citizen Science Project”
Jen Bowman, Ohio University



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Day 2 – Friday, September 6th continued

11:00 – 12:00 p.m. Panel Discussion

Members: Rick Wilson, Ohio EPA
 John Navarro, ODNR, Division of Wildlife
 Greg Nageotte, Ohio Department of Agriculture
 4th panelist in progress

12:00 – 1:00 p.m. Lunch

1:00 – 1:30 p.m. Closing Remarks and Evaluations
 Jerry Iles, Conference Organizer, OSU Extension

