



**Northeast Section Ohio
Water Environment Association**



**March 2014
Vol 18, Issue II**

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THE PRESIDENT'S COLUMN

Hello Northeast Section OWEA Members,

At a recent meeting, I was excited and encouraged to see some young people interested in our profession. I was able to meet Chad Hess, an operator from New Waterford. Chad has been taken under the wing of Frank Daniels to learn the ropes and is studying for his Class I test.

During this meeting, we also heard from two young men that are part of the City of Akron's High School Intern Program. Vince Zampelli shared the details and benefits of this program. Andrew Jones and Joe Sykes spoke about their experiences at the plant and the benefits of the intern program. It was nice to hear that working at the wastewater plant wasn't their first choice of departments at the City; however they found the experience rewarding. Joe and Andrew are now both full time utility workers with the City of Akron.

Along the same lines...the Water Workforce Internship Program is up and running at Cleveland State University (CSU)! CSU, OWEA and AWWA are working together to get young water professionals in science, engineering and management matched with a facility in need of assistance. If you find that you need help at your plant or in your office, contact CSU to see if they can provide a young person interested in furthering their career in wastewater.

I also want to take a minute to thank the Industrial Waste/Pretreatment Committee for all the time and energy they spent hosting the Seminar on February 20th. Registration for the session was closed early since we hit the maximum number of registrants. We hit a record this year with 241 attendees and 20 vendors! In addition to the attendees, there were 45 people staffing the exhibit booths! Register early next year to get a seat.

Flyers are attached for a few upcoming events. Our March Section Meeting will be held in Middlefield. We will be touring the Middlefield WWTP and WTP. The technical sessions will include a history of the plant and recent improvements.

We have also included flyers for the Watershed Seminar being held at the West Creek Stewardship Center in Parma and the Biosolids Meeting being held in Canal Fulton. These are free half-day seminars.

We hope to see you there!

Mary Ann Driscoll, NESOWEA President

**! MARCH SECTION MEETING !
March 27th, 2014**

Come join us in Middlefield, Ohio as the Village hosts our March meeting with tours of their WWTP and WTP, followed by lunch and technical sessions at Mary Yoder's Kitchen. See flier, registration info and map inside.

Please go to ohiowea.org or nesowea.org to register or be a sponsor

SECTION AWARDS - APPLICATIONS NOW BEING TAKEN

The Section needs your help to reward deserving members for their achievements. The Awards Committee is looking for recommendations for the Section Awards to be announced at the Annual May Business Meeting. Descriptions of the awards can be found on the Section webpage at www.nesowea.org. If you have any questions or recommendations, please contact Dan Johnson at 330-376-5778 or Dan.Johnson@burgessniple.com.

SCHOLARSHIP AWARDS - APPLICATIONS NOW BEING TAKEN

Scholarship awards will be presented at our Annual May Business Meeting. **Two Scholarships** may be awarded if enough applications are received, so get in your applications for those deserving individuals. Further information and application forms can be obtained from our website at www.nesowea.org.

*** SECTION DELEGATE ***

The Section is looking for anyone interested in serving on the State Executive Committee as Section Delegate. This role involves representing the Northeast Section at the State Executive Committee Meetings and being a voting member of the Section Executive Committee. If you have any questions or are interested, please contact Mary Ann Driscoll at 330-376-5778 or MaryAnn.Driscoll@burgessniple.com.

\$\$\$* FREE SEMINARS *\$\$\$

Some Section Committees offer seminars with contact hours free of charge. We encourage all members to register for and attend these events. If you find yourself unable to attend, please contact the person in charge of the event and let them know you will not be able to make it. This will open a seat for another member that is able to attend.

*** LABORATORY ANALYSTS COMMITTEE NEWS AND EVENTS ***

The NESOWEA LAC held a training session on March 7, and was hosted by EnviroScience in Stow, Ohio. They covered Bioassay Testing, TIE/TRE, Macroinvertebrates and a tour of the new facility. Our next training session will be sometime in May, and more information will be forthcoming early in April on the OWEA & NESOWEA websites, as well as via email notification from NESOWEALAC@gmail.com. As we are planning the year's LAC sessions, please email me and let me know what topics you or someone in your lab or at your plant would be interested in. All suggestions for speakers or new venues are always welcome! For questions or other interest in the LAC committee, contact Beverly Hoffman at (440) 466-4228 or NESOWEALAC@gmail.com.

OPERATORS CERTIFICATION REVIEW SESSION

NESOWEA is sponsoring a FREE review session to be held on Saturday, April 26, 2014 at The University of Akron, Shrank Hall North, Room 351, and beginning at 9:00 AM. Classes in Wastewater I, Collections I and II, and Wastewater II and III will be offered. A flier will be forthcoming with details, or contact Marc Morgan at the Mansfield WWTP, (419) 589-2830.

SUBMIT YOUR NOMINATIONS FOR SECTION 1ST YEAR EXECUTIVE COMMITTEE MEMBER

A nomination form is available on our website at www.nesowea.org, or contact a Section Officer for more info. Elections will take place during the Annual May Business Meeting.

NESOWEA MEETING "NO-SHOW" POLICY NOTICE

A Section policy is in effect, which requires registrants of Section sponsored meetings/events to call or email cancellations a minimum of three days in advance of the event or the registrant will be responsible to pay the registration fees.

NESOWEA MEETING

Thursday, March 27, 2014

Middlefield WWTP and WTP Tours and Technical Sessions

The Middlefield WWTP treats an average daily flow of 0.65 MGD, which is comprised primarily of residential waste. The plant has a design flow rate of 1 MGD, with a peak flow rate of 2 MGD. The plant's headworks consists of screening and grit removal, with a 2.3 million gallon equalization tank. There are three (3) activated sludge aeration tanks, two (2) clarifiers and three (3) tertiary traveling bridge filters. A Trojan UV system is used for disinfection of the effluent. Solids are dewatered by centrifuge and sludge cake is stored on site, with the facility having 360 days of storage capacity.

The Middlefield WTP is a Kinetico pressure filter system using four (4) skids of Macrolite media to treat a maximum of 2 MGD. The filtered well water is disinfected with chlorine, and orthophosphate is added for pipe conditioning. The plant has two (2) clearwells for contact time and storage, and currently treats 0.35 MGD.

SCHEDULE OF EVENTS

- 7:30 – 11:00am** **REGISTRATION & REFRESHMENTS – MARY YODER'S KITCHEN**
- 8:00 – 11:30am** **TOURS OF MIDDLEFIELD WWTP & WTP**
* Parking at Mary Yoder's Kitchen. Shuttles will be provided to WWTP and WTP locations.
- 12:00 – 1:30pm** **LUNCHEON & ANNOUNCEMENTS – MARY YODER'S KITCHEN**
- 1:30 – 4:15pm** **TECHNICAL SESSIONS (15 min Break Included)**
History of Middlefield Wastewater and Water Facilities – Mike Cipolla
Design and Construction of Middlefield Wastewater Facility – Said AbouAbdallah
Sampling and Plant Abnormalities – Tom Sanderson
Preparing for and Surviving a Lab Audit – Cheryl Soltis-Muth
- 4:15 – 4:30pm** **PRIZES, AWARDS & CLOSING ANNOUNCEMENTS**
- COST:** **MEMBERS..... \$30/person**
 NON-MEMBERS..... \$45/person (includes 1-yr Section membership)

LOCATION: **Mary Yoder's Kitchen, 14743 North State St., Middlefield, OH 44062**
(See Map on back)

This program has been submitted to OEPA for 3.5 hours of continuing education credit for wastewater certification. To receive proper credit, attendees must attend the tours and technical sessions.

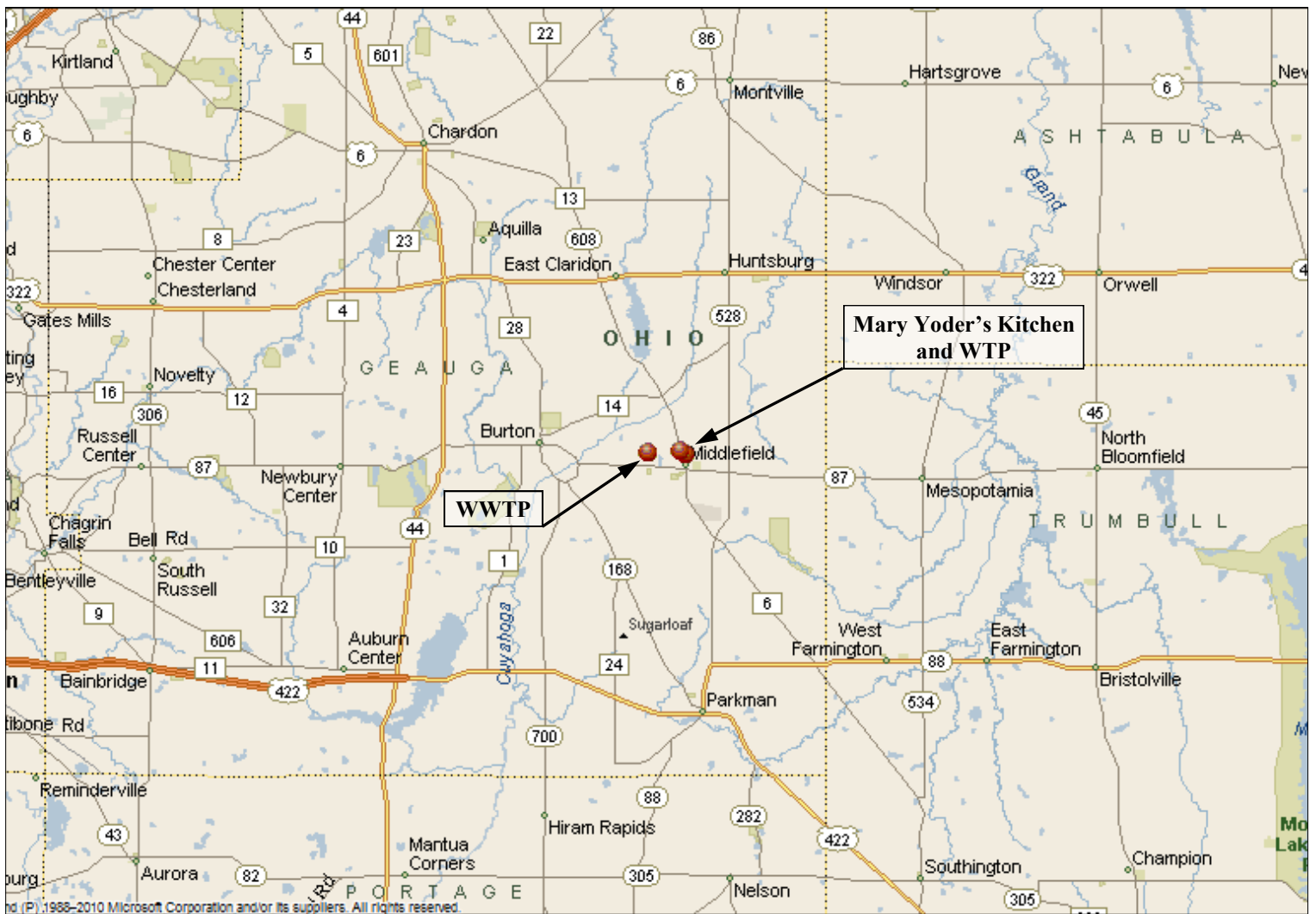
REGISTRATION INFO

Registration Deadline: Thursday, March 20, 2014 (or as max limit of 180 people is reached)

Please log onto either ohiowea.org or nesowea.org and click on the registration link for the upcoming/featured event and enter your information to register.

Cancellations must be received 3 days prior to meeting in order not to be charged for meeting.

(Payable by credit card when registering online, or payable at door by cash, check or money order, no purchase orders or credit cards accepted.)



Parking for Meeting and Tours will be at Mary Yoder's Kitchen

Shuttles will be provided to WWTP and WTP locations for Tours.

Look for NESOWEA meeting signs.





The Northeast Section of the
Ohio Water Environment Association

is Pleased to Offer a

FREE

Watershed Seminar

Thursday, April 24, 2014

The seminar will be a half day event to be held at the **Watershed Stewardship Center at West Creek, Parma, Ohio**. The program will be presented in four sections:

- **Section 1** – Jennifer Grieser from Cleveland Metro Parks will be speaking on Low Impact Development projects at the Watershed Stewardship Center.
- **Section 2** – Dr. Anne Jefferson of Kent State University will be speaking on stream-groundwater interactions.
- **Section 3** – Kelly Capuzzi of Ohio EPA’s Southeast District Office will be speaking on hellbender reintroductions.
- **Section 4** – Paul Anderson of EnviroScience, Inc. will be speaking on headwater streams.

SCHEDULE OF EVENTS

1:00 – 01:45 pm LOW IMPACT DEVELOPMENT PROJECTS

1:45 – 02:30 pm THE HYPORHEIC ZONE

2:30 – 02:45 pm BREAK (cookies, water and pop)

2:45 – 03:30 pm HELLBENDER RESTORATION IN OHIO

3:30 – 04:15 pm HEADWATER STREAMS

COST: \$Free

**LOCATION: Watershed Stewardship Center at West Creek
2277 West Ridgewood Drive, Parma, OH 44134 (See Map on back)**

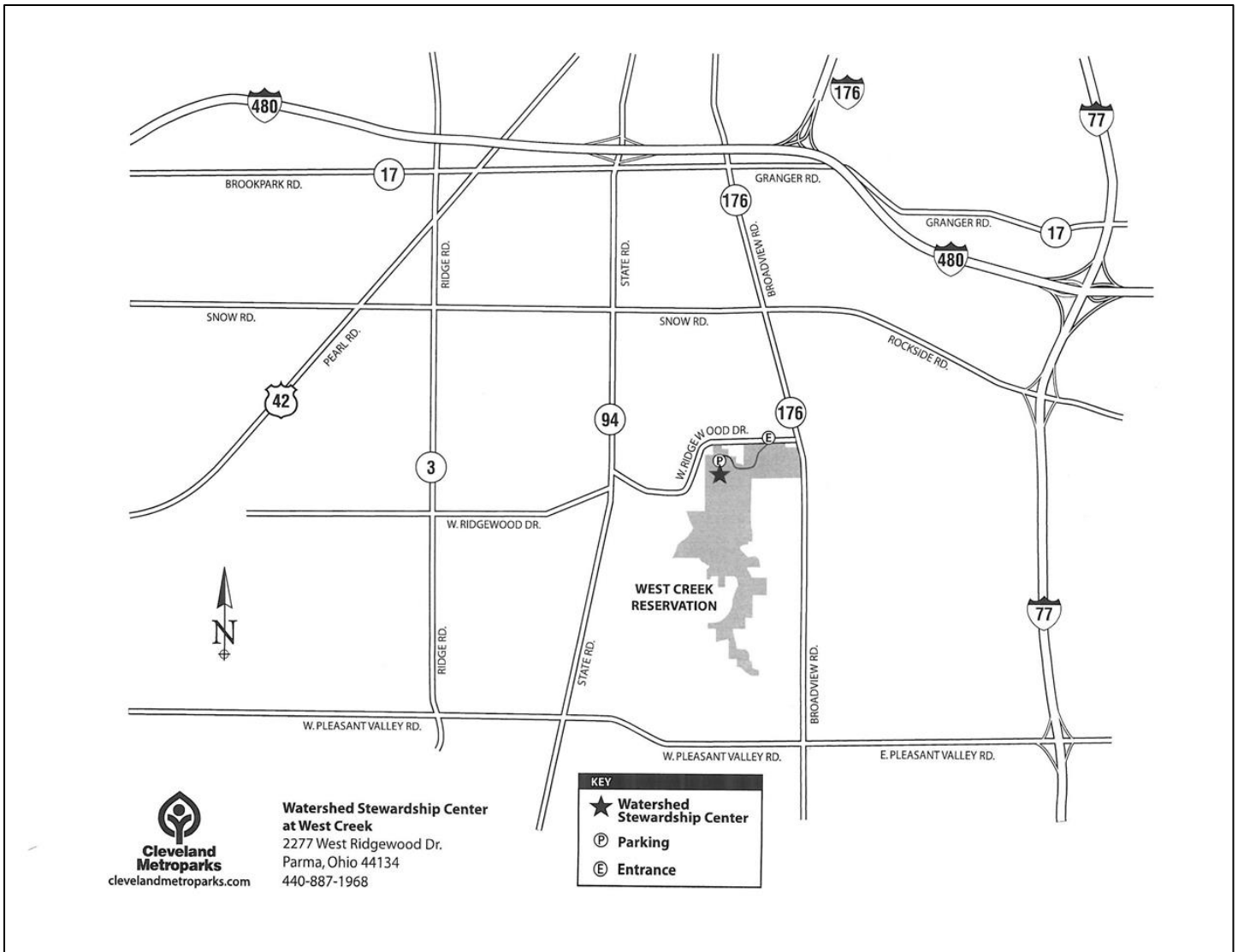
This program has been approved by the OEPA for 3.0 hours of continuing education credit for wastewater certification. To receive proper credit, attendees must attend the entire session.

REGISTRATION INFO

Registration Deadline: Friday, April 18, 2014 (or as max limit of **100** people is reached)

Please log onto either ohiowea.org or nesowea.org and click on the registration link for the upcoming/ featured event and enter your information to register.

Contact Kathy Richards at 330-375-2963 ext.7184 (KRichards@AkronOhio.gov) or Jim Cooper at 330-515-5709 (Jim.Cooper@Arcadis-us.com) for additional information.



I-480 - FROM THE WEST •Exit at State Rd.

- Turn right on State Rd. and go approx. 2 miles to West Ridgewood Dr.
- Turn left on West Ridgewood Dr. and go approx. one mile.
- Entrance to West Creek Reservation is on the right.

I-480 - FROM THE EAST •Exit at State Rd.

- Turn left on State Rd. and go approx. 2 miles to West Ridgewood Dr.
- Turn left on West Ridgewood Dr. and go approx. one mile.
- Entrance to West Creek Reservation is on the right.

I-90 - FROM THE EAST OR WEST •To I-77 South

- To I-480 West (see directions for I-480)

I-77 - FROM THE NORTH OR SOUTH

- To I-480 West (see directions for I-480)

I-271 - FROM THE NORTH OR SOUTH

- To I-480 West (see directions for I-480)

SMECCo
2014 NESOWEA CONTRIBUTORS

These organizations underwrite our social events and refreshments

The membership thanks you for your continued support!

GOLD

ARCADIS
Baker and Associates
Burgess & Niple

CT Consultants
CTI ENGINEERS, INC.
DM Engineering, LLC
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NESOWEA COMMITTEE CHAIRPERSONS

Awards – Dan Johnson, Burgess & Niple; (330) 376-3778 x3422 or daniel.johnson@burgessniple.com

Collections Systems (Ad Hoc) – Don Gallimore, Summit County; (330) 926-2426 or dgallimore@does.summitoh.net

Education – Terry Gellner; (440) 478-5445 or terrygellner5s@gmail.com

Government Affairs (Ad Hoc) – Bob Hollis, Summit County; 330-926-2406 or rhollis@does.summitoh.net

Industrial Wastes-Pretreatment – Bill Cleary, Metaldyne; (330) 486-3217 or billcleary@metaldyne.com

Laboratory Analysts – Beverly Hoffman, City of Geneva; NESOWEALAC@gmail.com

Membership – Mark Hutson, Burgess & Niple; (440) 354-9700 or mark.hutson@burgessniple.com

Past Presidents – Lance Willard, City of Columbiana; (330) 257-4386 or lwillard@cityofcolumbiana.org

Plant Operations and Safety – Mike Welke, Warren WPCC; (330) 307-9562 or mwelke@warren.org &
Tom Sanderson (Safety), Akron WRF; (330) 375-2963 x7127 or tsanderson@akronohio.gov

Publications/Web – Christopher Ryman, ARCADIS; (330) 515-5673 or chris.ryman@arcadis-us.com &
Jim Cooper (Website Liaison), ARCADIS; (330) 515-5709 or jim.cooper@arcadis-us.com

Residuals – Mike Welke, Warren WPCC; (330) 307-9562 or mwelke@warren.org

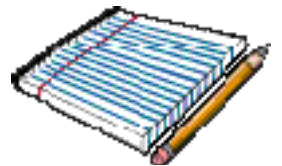
Watershed (Ad Hoc) – Bill Zawiski, OEPA-NEDO; (330) 963-1111 or bill.zawiski@epa.state.oh.us

Young Professionals – Ashley Williston, CT Consultants; (440) 951-9000 or awilliston@ctconsultants.com

Sparkling NESOWEA Waters

100 West Erie Street
Painesville, Ohio 44077

«NAME»
«ADDRESS 1»
«ADDRESS 2»
«ADDRESS 3»



NESOWEA NOTES

Do you know any new members who have not received their *Sparkling Waters*? If so, please call Mark Hutson at (440) 354-9700 to help us update our membership and mailing lists.

2014 Meetings and Events are being planned. Ideas and assistance from all members are welcomed.

March 27, 2014	Section Meeting; Middlefield, OH
April 8, 2014	Biosolids Seminar; Canal Fulton, OH
April 24, 2014	Watershed Meeting, Watershed Stewardship Center; Parma, OH
April 26, 2014	Operators Certification Review Session, The U of A, OH
May, 2014	Laboratory Analysts Committee Training/Meeting, TBA
May 15, 2014	Annual Business & Section Meeting; Akron, OH
July 18, 2014	BioMass-ter's Golf Outing, Mayfair Country Club; Green, OH
November, 2014	Section Meeting, (Imagine your facility listed here!)

The next **Sparkling Waters Publication deadline** is April 15, 2014. **Deadline for the Spring Buckeye Bulletin** is April 1, 2014. Contact Chris Ryman at (330) 515-5673 or chris.ryman@arcadis-us.com with any news or reports.