



Northeast Section Ohio
Water Environment Association



March 2013
Vol 17, Issue III

Officers

President

Lance Willard
(330) 257-4386
columbianawwtp@sbcglobal.net

Vice President

Mary Ann Driscoll
(330) 376-5778
MaryAnn.Driscoll@burgessniple.com

Treasurer

Art Kimpton
(440) 838-1221
akimpton@peltonenv.com

Secretary

Denise Seman
(330) 742-8820
DSeman@CityofYoungstownOH.com

Executive Committee

3rd Year

Tom Voldrich
(440) 951-9000
tvoldrich@ctconsultants.com

2nd Year

Paul Solanics
(440) 337-1511
PSolanics@solonohio.org

1st Year

Kathy Richards
(330) 375-2963
KRichards@AkronOhio.gov

State Delegate

Ted Baker
(440) 829-8405
kingsnu@aol.com

THE PRESIDENT'S COLUMN

Hello Northeast Section OWEA Members,

The Operations Seminar was held on January 24th which had a great turnout with 236 attendees and 11 speakers. The Industrial Waste Seminar was held on February 21st and was also successful with 238 attendees and 9 speakers. 18 Exhibitors also helped to make a great day. I would like to thank all the volunteers that helped put on these events. These events take many hours of planning and take tremendous team work on the day of the event.

Keep in mind the upcoming events for the Northeast Section. You can still register for the NESOWEA Biosolids Seminar to be held in Warren on March 14th. On April 5th, the NE section and the SE section will be teaming up to hold a combined event at Steubenville's wastewater plant. Also in April, the Watershed Committee will be putting on a seminar at the Furnace Run Metropark in Richfield. In May, the annual business meeting will be held at the Barberton wastewater plant. Check out nesowea.org for details.

I would like to encourage more participation this year in the scholarship competition. If you are a section member and have a senior in High School or in college, you should check out the NESOWEA scholarship competition. The details are on our website and Scholarship application deadline is April 15th.

In the past two Sparkling Water issues, I gave ideas to increase morale at the workplace. I will now offer more advice. I encourage you to participate in brainstorming sessions with co-workers. Many times co-workers are great resources of ideas but are never consulted. Considering input from co-workers will often provide practical ideas and at the same time increases buy-in, pride, and morale.

I would again like to thank everyone for supporting the OWEA, especially those who have helped make the Northeast Section Executive Committee possible including the NEORSD, City of Columbiana, Pelton Environmental, R.W. Armstrong, City of Youngstown, CT Consultants, City of Solon, City of Akron and Baker and Associates.

Lance Willard, NESOWEA President

! APRIL JOINT NE/SE SECTION MEETING !
April 5th, 2013
Come join us in Steubenville, Ohio as the City hosts our Joint Northeast/Southeast Section Meeting with tours of their WWTP, followed by technical sessions at Froehlich's Classic Corner Restaurant. See fliers, registration information and maps inside.
Please go to ohiowea.org or nesowea.org to register

APPLICATIONS FOR SECTION AND SCHOLARSHIP AWARDS NOW BEING TAKEN

Section and 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. Eligibility requirements for the Scholarship(s) are as follows:

- Parent or Guardian must at a minimum be a member of NESOWEA for last 3 years and be current member.
- Applicant must be high school senior or college student. Those applicants further along in their college education will receive more points.
- Applicant may be pursuing any major, however those studying in environmental field will receive more points.
- Student may only receive scholarship one time.

See inside for scholarship forms and guidance. Further guidance and application forms for Scholarship and Section Awards can be obtained from Section Officers during any meeting, and from our website at www.nesowea.org.

NESOWEA LABORATORY ANALYSTS COMMITTEE NOTES & NEWS

The NESOWEA LAC is putting together a meeting for March 29th at North Coast Environmental Laboratories. We will take a tour of their laboratory facility and have a session on “Getting Ready for an EPA Lab Audit”. Space will be limited so watch for more information on the OWEA & NESOWEA websites as well as via email notification for the start of registration.

*** BE SURE TO USE ONLINE REGISTRATION FOR EVENTS ***

As part of the “Green” effort, and to streamline the registration process for events, we’ve established online registration. **Please use this process for upcoming events by going to either www.ohiowea.org or www.nesowea.org and click on the event’s registration link.**

SUBMIT YOUR NOMINATIONS FOR SECTION 1ST YEAR EXECUTIVE COMMITTEE MEMBER

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

OPERATORS CERTIFICATION REVIEW SESSION

NESOWEA is sponsoring a FREE review session to be held on Saturday, April 13, 2013 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. For further details, see the flier inside and posted on our website at <http://www.nesowea.org>, or contact Marc Morgan at the Mansfield WWTP, (419) 589-2830.

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.

!! CALL FOR ARTICLES !!

The NESOWEA Publications Committee is requesting “Plant Profile” and “Watershed” articles to be published in upcoming additions of the Buckeye Bulletin. This is a great opportunity to show off your facility or project to the entire state. Articles and questions may be directed to Chris Ryman, ARCADIS, 222 South Main Street, Suite 300, Akron, OH 44308 or emailed to chris.ryman@arcadis-us.com.

JOINT SOUTHEAST / NORTHEAST SECTION OWEA MEETING

Friday, April 5, 2013
Steubenville WWTP Tour and Technical Sessions

The Steubenville WWTP was constructed in 1956 and the last major plant modification was in 1980. The facility is uniquely situated on a narrow strip of land between the Ohio River and railroad tracks. The Steubenville WWTP collection system consists of both separate sanitary sewers and combined storm and sanitary sewers. The improvements currently underway at the plant are part of the City's Long Term Control Plan.

Steubenville is an activated sludge plant with a design average daily flow of 6 million gallons per day (mgd) with an actual average dry weather flow of 4 mgd. The plant is capable of treating up to 36 mgd with all flows up to 13.5 mgd receiving both primary and secondary treatment. During wet weather events, flows from 13.5 mgd to 36 mgd receive primary treatment then disinfection in the secondary treatment bypass tank. The wet stream process consists of grit removal, screening, pre-aeration, primary settling, activated sludge aeration, secondary clarification, disinfection using chlorination, and dechlorination. Solid stream processes include gravity sludge thickening, stabilization by aerobic digestion, and dewatering by filter press.

SCHEDULE OF EVENTS

- 7:00am – 11:00am** **REGISTRATION & REFRESHMENTS – STEUBENVILLE WWTP**
- 8:00am – 11:00am** **TOURS OF STEUBENVILLE WWTP**
- 11:30am – 12:45pm** **LUNCHEON & ANNOUNCEMENTS – FROEHLICH'S CLASSIC CORNER RESTAURANT**
- 12:45pm – 3:15pm** **TECHNICAL SESSIONS (15 MIN BREAK INCLUDED)**
Steubenville WWTP Overview – Chuck Murphy (City of Steubenville) & Mike Bennett (MWH Global)
Peracetic Acid (PAA) for Wastewater Disinfection—Bob Freeborn (Peragreen Solutions) & Chuck Murphy (City of Steubenville)
Bug Busters: Who Ya Gonna Call?—Jon VanDommelen (Ohio EPA)
- 3:15pm – 3:30pm** **PRIZES, AWARDS & CLOSING ANNOUNCEMENTS**

COST: **Members** - \$25/person
Non-Members - \$30/person (includes 1-yr **SE Section** membership)
Non-Members - \$40/person (includes 1-yr **NE Section** membership)
First-Time Attendees - Free
Payable at door by cash, check or money order, no purchase orders or credit cards accepted.

LOCATIONS: **Steubenville WWTP** - 100 North Water Street, Steubenville, OH 43952
(See Map on back) **Froehlich's Classic Corner Restaurant** - 501 Washington Street, Steubenville, OH 43952

This program has been submitted to OEPA for 3.25 hours of continuing education credit for wastewater certification.

REGISTRATION INFO

Registration Deadline: Monday, April 1, 2013 (or as max limit of 125 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.**

For further information, contact Kathy Richards at 330-375-2963 ext. 7184, KRichards@akronohio.gov or John Owen at 614-728-3849, john.owen@epa.state.oh.us.

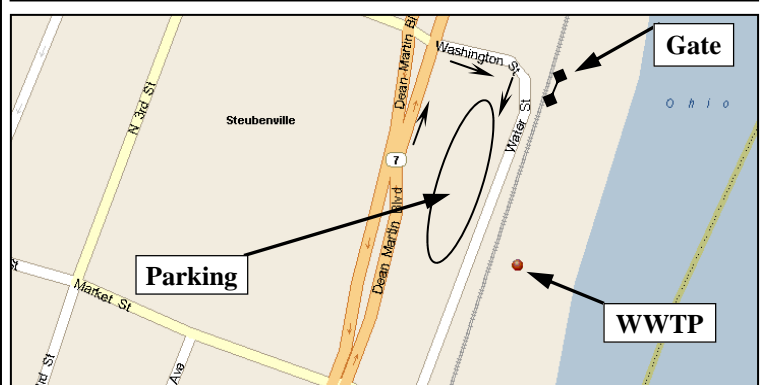
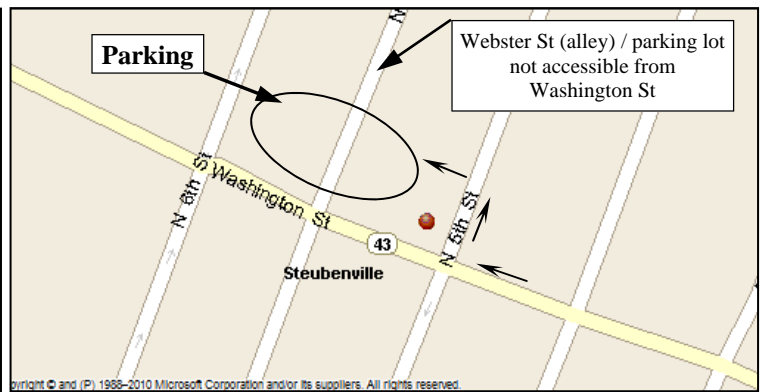


**Froehlich's
CC Restaurant**

**Steubenville
WWTP**

To Steubenville WWTP: From SR-7 (Dean Martin Blvd), turn at light onto Washington St and travel east ~227 ft to Water St (don't cross RR/gate). Turn **RIGHT** onto Water St and travel south ~200 ft to Parking Lot (on right) across from WWTP. To enter WWTP, walk north back to Washington St/RR and thru Gate.

To Froehlich's: Exit the WWTP Parking Lot and follow Water St north to Washington St. Turn **LEFT** onto Washington St and travel west ~0.28 mi to N 5th St. Turn **RIGHT** onto N 5th St and travel north ~200 ft to Restaurant Parking Lot on left. **Also look for NESOWEA meeting signs.**





**The Northeast Section of the
Ohio Water Environment Association**

is Pleased to Offer a

FREE

Watershed Seminar

Tuesday, April 23, 2013

The seminar will be a half day event to be held at the Furnace Run Metropark in Richfield. The program will be presented in four sessions:

- **Session 1** – Bill Zawiski from Ohio EPA’s Northeast District Office will be speaking on the influence of dams on water quality.
- **Session 2** – Dr. Mike Liptak of EnviroScience will be speaking on stream and wetland restoration of a small headwater stream in Twinsburg.
- **Session 3** – Curt Wagner of the Ohio Department of Natural Resources, Division of Wildlife will be speaking on Brook Trout restoration.
- **Session 4** – Dr. Brian Lutz of Kent State University will be speaking on biogeochemical processes in streams.

SCHEDULE OF EVENTS

1:00 – 1:45 pm	DAMS AND THEIR INFLUENCE ON WATER QUALITY
1:45 – 2:30 pm	LAUREL CREEK STREAM AND WETLAND RESTORATION
2:30 – 2:45 pm	BREAK (cookies, water and pop)
2:45 – 3:30 pm	BROOK TROUT RESTORATION IN OHIO
3:30 – 4:15 pm	BIOGEOCHEMICAL PROCESSES IN STREAMS

COST: \$ Free

LOCATION: Furnace Run Metropark – Brushwood Pavilion
4955 Townsend Road, Richfield, OH (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 seminar.

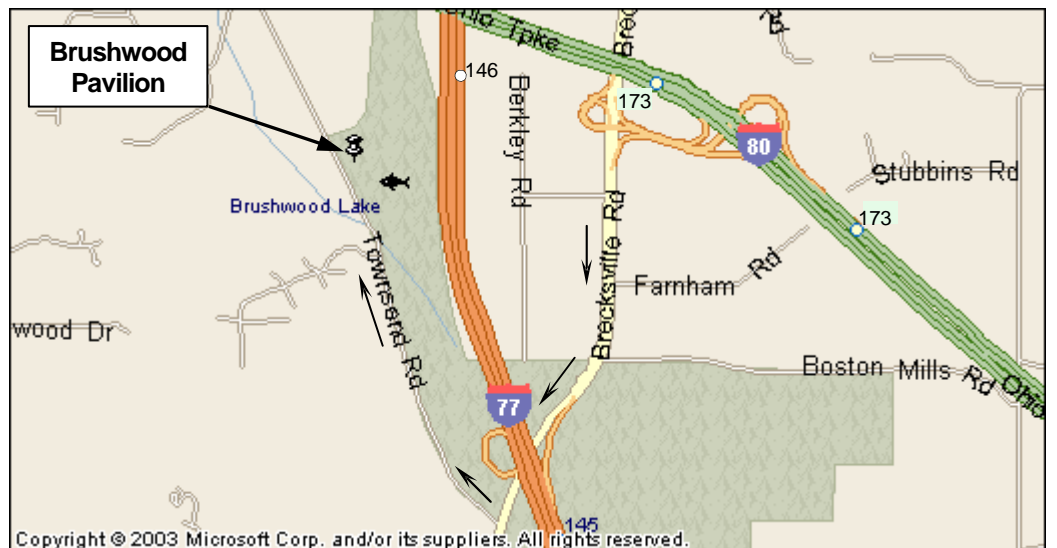
REGISTRATION INFO

Registration Deadline: Tuesday, April 16, 2013 (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 or KRichards@AkronOhio.gov for additional information.



To Brushwood Pavilion: From I-77 (northbound or southbound) take Exit 146, or from Ohio Turnpike (I-80, eastbound or westbound) take Exit 173, to Brecksville Road (SR 21). Turn off either exit ramp onto Brecksville Road (SR 21) and travel south ~1.0 mile to Townsend Road. Turn right onto Townsend Road and travel ~1.0 mile north to the Brushwood Pavilion park entrance (on right). Look for meeting signs.



**NORTHEAST SECTION
OHIO WATER ENVIRONMENT ASSOCIATION
SCHOLARSHIP INFORMATION (last reviewed January 9, 2013)**

The Northeast Section of the Ohio Water Environment Association may award two scholarships each year to be used for college education or trade school expenses. The first place scholarship is \$1500 and the second place scholarship is \$1000. Both amounts may be increased in a given year based on the quality of the scholarship submission and the scholarship funds available at that time as authorized by the NESOWEA Executive Committee. High school seniors, current college students, and current Northeast Section OWEA members are eligible. The scholarship shall be used for the following academic year. Depending on available scholarship funds and the quality of the scholarship submissions, the Executive Committee may also give one or more Honorable Mention financial awards in addition to the two scholarships listed above in amount(s) less than the second place scholarship award.

The following criteria shall be used to evaluate the applications for scholarship:

1. A weighted grading system shall be used to evaluate applications. Applicants must submit a research paper according to the attached instructions. The research papers will be graded. Higher scores will get more points in the evaluation process.
2. The applicant or the parent or legal guardian of the applicant must be a member of the Northeast Section for the past three years and have a current membership status.
3. The applicant must be a high school senior or older. Those applicants further along in their college education will receive more points in the evaluation process.
4. An applicant may be pursuing any major. However, those studying in the environmental field will receive more points for this item in the evaluation process.
5. The application asks for information regarding work experience, extracurricular activities, and goals. Applicants with strong involvement in community service and school activities and/or significant work experience will receive more points.
6. Once a student receives one of these two scholarships, they are ineligible for any additional NESOWEA scholarships. Scholarship applicants receiving Honorable Mentions are encouraged to apply for subsequent year scholarships.

A member may download an application from the NESOWEA.org website or obtain one by contacting an officer on the NESOWEA Executive Committee.

The current NESOWEA President shall choose a scholarship committee consisting of at least three members. This committee shall be responsible to review and evaluate the applications submitted for the scholarship for that year.

All applications must be completed and submitted the current NESOWEA President by April 15. If there are no qualified applicants, the scholarships will not be awarded that year. The scholarship check will be presented to each winner upon proof of tuition receipt the following fall. If the scholarship winner fails to show proof of tuition receipt, the scholarship will be rescinded.

NESOWEA SCHOLARSHIP APPLICATION

Applicant

Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: (_____) _____

Name of NESOWEA Member: _____

Years of Membership: _____

College Information

Name and Address of College/University you attend or plan to attend:

Major or Field of Study: _____

Year of College in the Fall (Freshman, Sophomore, Junior, Senior, Graduate Studies)

Other Information: (Attach additional sheet, if necessary)

Work Experience & Community Service (Church, Volunteer Work, Service Clubs, etc.)

School Activities (In college if already attending or in high school if a senior)

Briefly Explain Your Goals for Yourself

Essay: Attach an essay of 1000 words or less describing what people can do to protect the waters of their communities. Essay must be double spaced and printed with size 12 font.

Submit applications to any Northeast Section OWEA
Executive Committee member for consideration.

2013 Scholarship Research Paper Instructions

Submit a research paper of between 700 and 1000 words describing **what people can do to protect the waters of their communities**.

The goal of this requirement is for applicants to **learn** more about how they can protect our environment through research and then demonstrate what they learned through the paper they write. Applicants should strive to select one or two related topics and present their information to a reasonable depth of understanding rather than referencing many different topics with little depth. Paper topics may include but are not limited to the following:

- Water-Saving Plumbing Fixtures
- Rain Barrels
- Proper disposal of pharmaceuticals
- Proper disposal of oil or batteries
- Proper disposal of mercury thermometers
- Green infrastructure
- Permeable pavement
- Green roofs
- Cisterns
- Bio-retention wetland areas
- Storm water abatement

Applicants are expected to do research on their topic, and present their information in an organized format including an introduction, section titles and a conclusion. All information that is learned or used from a source must have that source cited in the very paragraph it is included. All references should also be listed on a separate page at the end of the paper, including the page number from which the information was obtained. All internet sources must include the complete, exact website address and the date retrieved.

Completed essays are to be submitted electronically by **April 15, 2013** to Lance Willard at Columbianawwtp@sbcglobal.net . Essays are to be submitted in a Microsoft Word compatible format, Times New Roman, 12 point font, and double spaced. In the review process, all essays will be electronically submitted to a plagiarism checking software to verify content integrity.

Complete Scholarship Applications found on the NESOWEA.org website are to be submitted at the same time as the Research Paper in a separate Email attachment.

An unrelated example paper is provided for clarification of approximate minimum length and suggested organization, citation and referencing.

Scholarship awardees and those receiving Honorable Mentions will be recognized at the NESOWEA Annual Business Meeting Lunch in May at Barberton, OH.

Any questions can be directed to Lance Willard at Columbianawwtp@sbcglobal.net .



Operator's Certification Review

April 13, 2013 9:00 a.m.

University of Akron

Shrank Hall North Room 351

Collection I

Collection II

Operator I

Operator II

Operator III

Register at www.OhioWEA.org or NESOWEA.org

If you have any questions regarding this event contact Marc Morgan,

419-589-2830 mmorgan@ci.mansfield.oh.us

For registration assistance contact Kathy Richards

330-375-2963 ext 7184 KRichards@AkronOhio.gov

SMECCo
2013 NESOWEA CONTRIBUTORS

These organizations underwrite our social events and refreshments

The membership thanks you for your continued support!

GOLD

ARCADIS
Baker and Associates
Black & Veatch

Burgess & Niple
CTI ENGINEERS, INC.
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NESOWEA WEBSITE SPONSERS

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CT Consultants
David Industrial Sales, Inc.

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The Bergren Associates, Inc.

NESOWEA COMMITTEE CHAIRPERSONS

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

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

Education – Kenneth Kamper, Hatch Mott MacDonald; (216) 535-3642 or Kenneth.Kamper@hatchmott.com

Government Affairs (Ad Hoc) – Bob Hollis, Summit County; 330-926-2426 or rhollis@does.summitoh.net

Industrial Wastes-Pretreatment – Ted Marten, Twinsburg WWTP; (330) 963-6260 or tmarten@twinsburg.oh.us

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 – Ed Haller, NEORS; (216) 641-3200 or hallere@neorsd.org

Plant Operations and Safety – VACANT (Imagine your Name Here! Interested? Contact the Executive Committee)

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

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

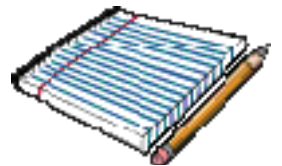
Residuals – Mike Welke, Warren WPCC; (330) 307-9562 or mwelke@warren.org

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.

2013 Meetings and Events are being planned. Ideas and assistance from all members are welcomed.

March 14, 2013	Biosoilds Seminar, Warren, OH
March 29, 2013	Laboratory Analysts Committee Training Session, Streetsboro, OH
April 5, 2013	Section Meeting; Steubenville, OH (Joint Meeting with SE Section)
April 13, 2013	Operators Certification Review, The University of Akron, OH
April 23, 2013	Watershed Seminar, Furnace Run Metropark, Richfield, OH
May 9, 2013	Annual Business and Section Meeting; Barberton, OH
November, 2013	Section Meeting, (Imagine your facility listed here!)

The next **Sparkling Waters Publication deadline** is April 15, 2013. **Deadline for the Spring Buckeye Bulletin** is April 1, 2013. Contact Chris Ryman at (330) 515-5673 or chris.ryman@arcadis-us.com with any news or reports.