



**Northeast Section Ohio
Water Environment Association**



**December 2014
Vol 19, Issue I**

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THE PRESIDENT'S COLUMN

Happy Holidays, and Happy New Year to all NESOWEA Members and their families,

A Section meeting was held on November 13th at the North East Ohio Regional Sewer District's Southerly Plant. I would like to thank the entire staff of the Southerly plant, as well as the Board of Directors, for a great meeting. For those of you that have not had a plant tour at your facility lately, please let one of the EC members know if you are interested in holding a meeting at your plant. We are currently looking for venues for 2015 and 2016.

Keep in mind the up coming events of the NESOWEA. The Operations Seminar will be held on January 22nd and the Industrial Waste Seminar will be held on February 19th. In April, the Watershed Committee will be putting on a seminar, while in May, the annual business meeting will be held. Check out nesowea.org for details.

Are you a Section member and have a senior in High School or a child in college? Are you going back to school for your education? If so, you should check the NESOWEA scholarship competition. The details are on our website and Scholarship application deadline is April.

Do you work with someone that does a great job? Do you know someone in the industry that has helped others out through training, mentoring, etc? Do you know someone that should be recognized for what they do? If so, check out our award nominations and submit them for peer recognition.

I would again like to thank everyone for supporting the OWEA, especially those who have helped make the Northeast Section Executive Committee possible, including: City of Youngstown, CT Consultants, City of Solon, City of Akron, ARCADIS, the City of Canton, CTI Engineers, and the City of Warren.

We hope to see you there!

Denise Seman, NESOWEA President



By HikingArtist

**! NESOWEA OPERATIONS AND INDUSTRIAL WASTES SEMINARS !
January 22nd and February 19th, 2015**

The Section's Annual Operations Seminar and Industrial Wastes Seminar will each be held at the Days Inn & Suites Richfield Banquet & Conference Center in Richfield, Ohio. See fliers, registration information and map inside.

Please go to ohiowea.org or nesowea.org to register

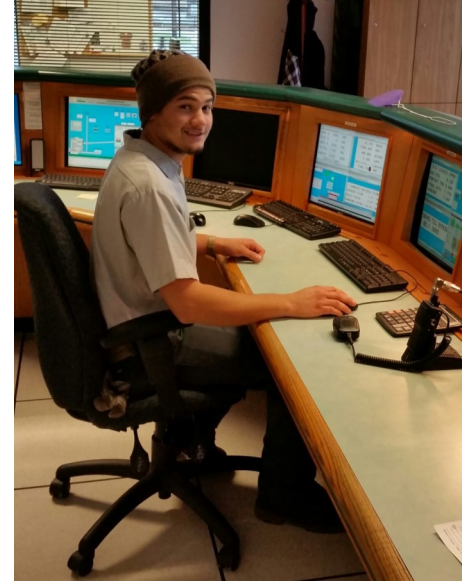
!!! WHAT'S NEW !!!

☺ HAPPY IN AKRON ☺

We have a lot to be proud of here at Akron's Water Reclamation Facility. We can boast of a string of NACWA Silver and Gold Awards, chemical savings, energy savings, and energy generation. We can boast about the re-engineering of our facility that changed the way we operate our plant. A re-engineering that led us from a staffing level of around 115 persons in the 1980's to 38 today (all through attrition). Of course, we are a little lower than we want or should be, and that leads me to my point. What we are most proud of are not things, but people, and I would like to focus on one individual in particular.

His name is Joseph T. Sykes III. He was one of two young men that helped me present "FROM HIGH SCHOOL TO HIGHLY SKILLED – AKRON'S HIGH SCHOOL INTERN PROGRAM" at the NESOWEA Supervisory Seminar in Richfield, Ohio in October of 2013. Joe was selected to be the plant's high school intern in September of 2012. He worked part time his senior year 2012-2013. In June of 2013, after a season of evaluating him, we were able to hire him full time as a treatment plant utility worker (entry level position). Joe's time at the plant was spent on various tasks in operations and maintenance, but he opted to spend more of his time in operations. In May 2014, our need for operators and the initiative that Joe has shown since day one led us to ask him to train as a wastewater operator. Finally in July, Joe was promoted to wastewater operator.

Oh, did I mention that all along Joe has been studying and preparing to take the wastewater exam. Well, his preparing, training, studying, and caring has paid off because at 20 years of age, Joe has received his State of Ohio Class I wastewater operator license. Joe was most recently heard asking when could he go for his Class II license. For the record Joe is not an isolated situation, I am blessed to see many success stories in the making. This is our future and we are excited!



? WHAT'S "NEW" IN THE VILLAGE OF NEW WATERFORD ?

With the combined efforts of Elected Officials, the Fiscal Officer, and Administrator Fred Fink, much is being accomplished at both the Water Treatment and Wastewater Treatment Plants.

Since March 20, 2013 the water treatment plant has been upgraded with rebuilt green sand filters, and complete valve replacements. A new well field with two wells, and controls for both existing and new wells, have been upgraded to give the operators better options for process control. Disinfection has been modified to the use of straight sodium hypochlorite, eliminating mixing and reducing the effects of corrosion. High efficiency lighting and outdoor lighting has also been installed in both treatment plants.

The wastewater treatment plant has been undergoing many upgrades as well. Disinfection is now accomplished with a newly constructed tablet style chemical feed system for chlorination and dechlorination, making the process much safer. Clarifier #1 has had a partial rebuild with new skirting, turnbuckles, and skimming arm. Clarifier #2 is soon to be upgraded with more comprehensive repairs, including the weir boxes. Construction will have commenced prior to this publication. The plant buildings and grounds have been addressed with painting, pressure washing, and overall organizing and housekeeping.

Future plans for the installation of a fine screen in the wastewater plant headworks, a distribution system replacement, and identifying I&I sources in the collection system are all moving forward.

So what's new in the Village of New Waterford...plenty.

ANNOUNCEMENTS

Tom Angelo retired from his position as Director of Water Pollution Control for the City of Warren in October, 2014. Congratulations Tom, and Happy Retirement! Tom is currently serving as one of the WEF delegates for the State of Ohio – so he's still very actively involved with our industry.

Ed Haller retired from the NEORS in November of this year.....and has taken on a new challenge: Director of Water Pollution Control for the City of Warren. Congratulations on your retirement Ed, nice to see you're staying active in our profession as well.

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.

*** * PROPOSED CHANGES TO SECTION RULES AND REGULATIONS * ***

The NE Executive Committee is reviewing and updating the Section's rules and regulations. There will be a few proposed changes presented to the membership, voting will be done at the annual business meeting in May. The first proposal is regarding the Section only memberships, section 6 of the rules and regulations: MEMBERSHIP CLASSIFICATIONS, QUALIFICATIONS, AND PRIVILEGES.

- 6.1.1 *NESOWEA membership will include a section only membership. Section only members will be encouraged to become a member of OWEA & WEF.*
- 6.1.2 *Section only members shall be considered as being non-members of OWEA & WEF when paying registration fees or buying products from OWEA & WEF.*

The proposal is to remove these two items, thereby eliminating a Section only membership. The only memberships that will be recognized will be WEF/OWEA. **Non-members will pay a small additional fee to attend meetings.....anyone attending the events will be able to receive an electronic version of the sections newsletter, "Sparkling Waters", free - regardless of membership status. No changes will be made to the current distribution of the newsletter at this time.** If any of the members have any concerns, or questions regarding how this would work, they may email me at: DSeman@CityofYoungstownOH.com for clarification...or to express their view on this topic.

CALLING ALL WASTEWATER PROFESSIONALS (YES, THIS MEANS EVERYONE!)

Operator Challenge is looking for a few new teams. Last year, 3 teams were sent to WEFTEC to represent the State of Ohio in the competition.....2 were from the NW Section and one from Columbus. Let's see if the NE can once again have a team present to represent our Section in the challenge. The City of Wooster was a powerhouse in the event, and took the National title about 7 years ago - there's no reason the NE can not have a powerhouse team again. If you're not sure how to go about putting a team together...or what to practice, please feel free to reach out to anyone associated with the State Ops Challenge groups...or get in touch with me, and I'll "hook you up". Denise Seman

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

The NESOWEA LAC held a meeting in June, at NEORSD; we had several speakers presenting the topics of pH, Solids, the Nitrogen cycle and a tour of their lab. In September, we had a meeting at the Akron WRF training facility with Mike Harrington talking about Microscope Applications for Wastewater Operators. Our latest training session was scheduled for November 21st, but due to several obstacles, we have postponed the meeting to the spring of 2015. We will be meeting at Alloway's Marion, Ohio facility. The topics are Free Cyanide, LL Hg, and a Lab tour, for 2.5 approved contact hours. Information on the exact date and time will be forthcoming on the OWEA & NESOWEA websites as well as via email.

If you have any questions, contact me at NESOWEALAC@gmail.com. Everyone have a safe and happy holiday season. See you in the spring.



Annual Operations Seminar

Thursday, January 22, 2015

The Days Inn & Suites Richfield Banquet & Conference Center
4742 Brecksville Road, Brecksville, Ohio

AGENDA

What's In the Pipe & Preliminary Wastewater Treatment

- 7:00-8:15** *Registration & Refreshments—Introduction & Announcements*
- 8:15-9:15** *Influent Aerosol's Such as H₂S & Control Techniques*
Richard Parker, Evoqua Water Technologies, LLC
- 9:15-10:00** *What is in the Wastewater-From a Health Perspective*
Anne Morse MSN, RN, Summit County Health Department
- 10:00-10:15** *Break*
- 10:15-10:45** *Characteristics of Septage-Taking Septage, Pro's & Cons*
John Owens, Lakeside Equipment Corporation, Bartlett, IL
- 10:45-11:30** *Detritus Tanks, Conventional Aerated Grit Tanks & Longitudinal Grit & Grease Systems*
Larry Wilingham, Schreiber, Trussville AL
- 11:30-12:30** *Lunch*
- 12:30-12:45** *Call for Comments on Potential Section Only Membership Change*
- 12:45-1:15** *Vortex Grit Removal & Relative Performance of Grit Removal Devices*
Matthew Bodwell, Hydro International
- 1:15-1:45** *Grit Washing & Dewatering-An Introduction*
Matthew Bodwell, Hydro International
- 1:45-2:30** *Screening -Importance, Design Development, Screen Types & Appropriate Applications*
Simon Randle, Hydro-Dyne Engineering, Inc.
- 2:30-2:45** *Break*
- 2:45-3:30** *Screens & More Screens—Types Uses & Designs*
Simon Randle, Hydro-Dyne Engineering, Inc.
- 3:30-4:15** *Miscellaneous Design Aspects & Benefits of Advanced Preliminary Treatment*
Terry Gellner, TnT Engineering LLC, Willoughby, OH.
- 4:15-4:30** *Announcements, Prizes & Closing Comments*

Registration is \$40 for WEF members and \$55 for non-members (includes a 1 year section only membership). Please log onto WWW.OhioWEA.org or www.NESOWEA.org to register. Credit cards are accepted when paying online only. Payable at the door by cash, check or money order. No purchase orders will be accepted. For further registration information contact Jim Cooper: 330-515-3709 or Jim.Cooper@Arcadis-us.com. This program has been submitted for 6.25 contact hours for wastewater treatment certification. Course Titles are subject to change.

***Registration Deadline is January 14, 2015 or when a maximum capacity of 250 is reached.
Cancellations must be received 3 days prior to meeting in order not to be charged.***



**Water Environment
Association**

*Preserving & Enhancing
Northeast Ohio's
Water Environment*

**NE SECTION'S 16th ANNUAL
INDUSTRIAL WASTES SEMINAR
Thursday, February 19, 2015**

**Days Inn & Suites Richfield Banquet & Conference Center
4742 Brecksville Rd., Richfield, Ohio 44286
330-659-6151**

WHO SHOULD ATTEND?

- Industry personnel involved with wastewater,
- Municipal pretreatment coordinators and supervisors,
- Consultants, equipment suppliers, and others who are involved with industrial wastewater issues

AGENDA

7:15AM – 8:00AM	REGISTRATION	Donuts & Coffee Provided
8:00AM – 8:15AM	OPENING COMMENTS	
8:15AM – 9:00AM	<u>Ohio EPA Division of Surface Water Update</u> Karl Gebhardt, <i>DSW Division Chief, Ohio EPA, Columbus, OH</i>	
9:00AM – 10:00AM	Exhibitor Presentations Alicia Adams, <i>Water For People, Stantec, Columbus, OH</i> Bill Hyland, <i>RecyClean, Poland, OH</i>	
10:00AM – 10:45AM	REFRESHMENTS & EXHIBITS	
10:45AM – 11:30AM	<u>Garrettsville, Ohio Municipal Water Supply Baseline Ground Water Quality Investigation: A Case Study of Pre-Utica Drilling Activity</u> Dr. Jeffrey Dick, <i>JD Environmental LLC, Leetonia, OH</i>	
11:30AM – 12:15PM	<u>Achieving Superior Effluent Quality With Out Filtration or New Tankage</u> Robert Backman, <i>Evoqua Water Technologies, Lowell, MA</i>	
12:15PM – 1:30PM	LUNCH & EXHIBITS	
1:30PM – 2:15PM	<u>ORSANCO's Role in Source Water Protection, Emergency Industrial Waste Spill Response and Protection of Water Utilities</u> Jerry Schulte, <i>ORSANCO, Cincinnati, OH</i>	
2:15PM – 3:00PM	<u>Bid Rigging Detection & Competitive Purchasing</u> Jennifer Pratt, <i>AGO, Columbus, OH</i>	
3:00PM – 3:15PM	BREAK	
3:15PM – 4:00PM	<u>Ozone Systems Provide Industrial Treatment Solutions</u> John Oberly, <i>Ozone Water Systems, Phoenix, AZ</i>	
4:00PM – 4:45PM	<u>Criminal Prosecution of Environmental Crimes</u> Brad Beeson, <i>US EPA, Middleburg Heights, OH</i>	
4:45PM – 5:00PM	CLOSING COMMENTS	

This program has been submitted to Ohio EPA for **6.25 hours** of education hours for registered sanitarians and wastewater treatment operators. It will be an “all or nothing” program.

Registration Deadline: Thursday, February 12, 2015 or as a cap of 225 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. For additional information or registration assistance contact Jim Cooper: 330-515-5709 or jim.cooper@arcadis-us.com

Payable by credit card when registering online or payable at door by cash, check or money order.
No purchase orders or credit cards accepted at the event. Checks shall be made payable to NESOWEA.

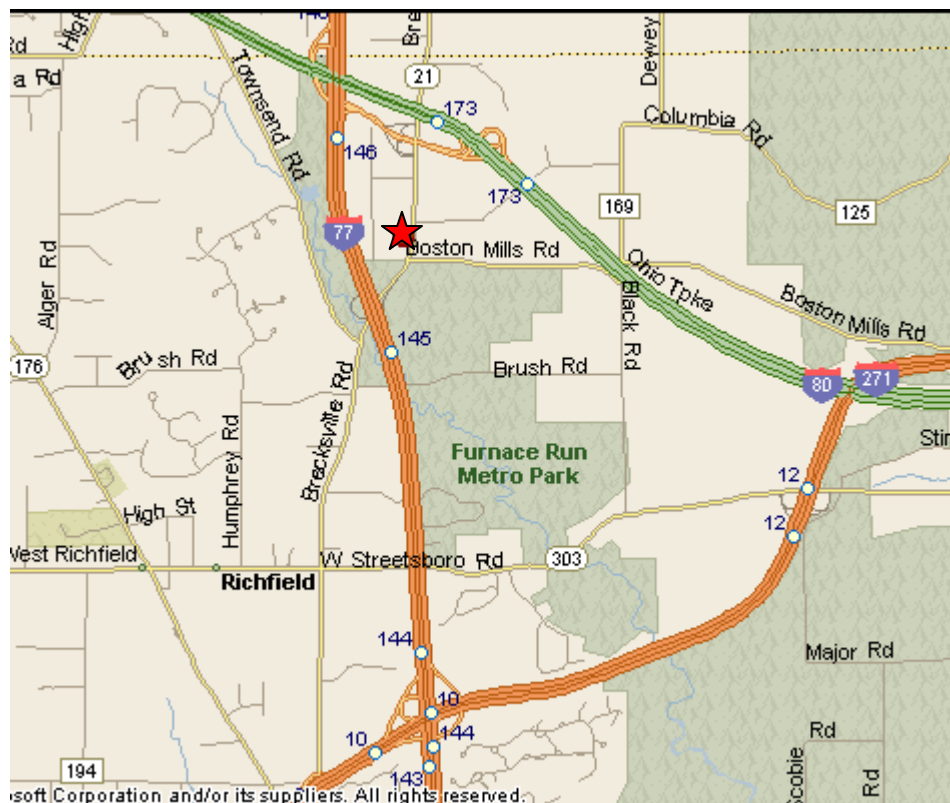
Cancellations must be received 3 days prior to meeting in order not to be charged for meeting.

Cost is \$40 per person for members (\$55 non-members).

EXHIBITORS

\$150 for a booth. Contact Kevin Thomas, 330.317.0016; thomask@chemgroup.com

Exhibit Booth fee includes registration & lunch for two people. Exhibitors are asked to donate a door prize valued between \$25-\$40.



DIRECTIONS

Days Inn & Suites Richfield Banquet & Conference Center:

Located at the junction of I-77 (exit 146) and I-80, the Ohio Turnpike (exit 173) in Richfield, Ohio.

SMECCo
2014 NESOWEA CONTRIBUTORS

These organizations underwrite our social events and refreshments

The membership thanks you for your continued support!

GOLD

ARCADIS
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Burgess & Niple

CT Consultants
CTI ENGINEERS, INC.
DM Engineering, LLC
Hazen & Sawyer

ms consultants
MWH
URS Corporation

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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 – Mary Ann Driscoll, Burgess & Niple; (330) 376-5778 or maryann.driscoll@burgessniple.com

Plant Operations and Safety – Mike Welke, Warren WPC; (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 WPC; (330) 307-9562 or mwelke@warren.org

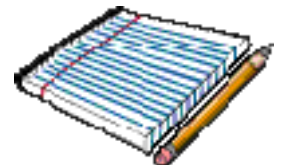
Watershed (Ad Hoc) – Bill Zawiski, OEPA-NEDO; (330) 963-1111 or bill.zawiski@epa.state.oh.us

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.

2015 Meetings and Events are being planned. Ideas and assistance from all members are welcomed.

January 22, 2015	Operations Seminar; Days Inn & Suites, Richfield, OH
February 19, 2015	Industrial Wastes Seminar; Days Inn & Suites, Richfield, OH
March-April, 2015	Section Meeting; TBD
April, 2015	Watershed Seminar; TBD
April, 2015	Operators Certification Review Session, The U of A, OH
May, 2015	Annual Business & Section Meeting; TBD
July, 2015	BioMass-ter's Golf Outing, Mayfair Country Club; Green, OH
November, 2015	Section Meeting, (Imagine your facility listed here!)

The next **Sparkling Waters Publication deadline** is February 15, 2015. **Deadline for the Spring Buckeye Bulletin** is April 1, 2015. Contact Chris Ryman at (330) 515-5673 or chris.ryman@arcadis-us.com with any news or reports.