



AIR & WASTE MANAGEMENT
ASSOCIATION
SINCE 1907

**Don't forget to renew
your membership**

Renewal can be completed online at: www.awmanfs.wildapricot.org or using the hardcopy form provided on the website.

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THE RELEASE

Vol. 34 No. 1 September 2016

Kevin Sullivan – Editor

Message from the Chair

Mark Hans

AWMA-NFS - It's a Great Organization - Get Involved

It seems like it was only yesterday that we were all wondering what the summer would bring us. I certainly wasn't expecting a drought with high heat! Hopefully, everyone was able to enjoy the pleasant days and put up with the hot days. It sure beats a cold, snowy day in the winter.

Now that September is here, the Air & Waste Management Association – Niagara Frontier Section is ready to kick off another program year. The new Board met for the first time in August and we have started to map out an interesting agenda. If you can make our first dinner meeting on Thursday September 22, 2016 at Curly's Grill in Lackawanna, try to invite a co-worker to come with you, as we are always looking for new members. I hope to see you and your co-worker at Curly's.

As you can see below, there are many volunteers involved in running our organization. However, we are always looking for new people to help out and bring new ideas to the group. If you are interested in being one of those people, let me know next time you see me at one of the dinner meetings.

Before I introduce you to the Board, I would like to recognize one of our members who has been a long time contributor to our Board. **Pat Filey** was actively involved with our organization for many years. He served two terms as Chair, many years as Director for the seminar and he

(Cont'd on p. 4)

Seminar Committee

Mike Hecker and Patrick Martin

— NOW Forming —

ANNUAL ENRICHMENT PROGRAM PLANNING COMMITTEE

The 2016–2017 Seminar committee is now forming. We are looking for more (10-12) volunteers to assist in the planning of this year's venue.

Please contact Pat Martin (Patrick_Martin@golder.com) or Mike Hecker (MHecker@hodgsonruss.com) if you are interested in participating.

A typical meeting is over breakfast, before the start of the work day, and last no more than 1 – 1 ½ hrs.

The first meeting this year will be on **September 27th at Panera Bread on Main St. at Union Rd. in Williamsville. The Meeting will begin promptly at 7:30 am.**

(cont'd on p. 3)

Regulations**Mike Emery and Steve DeSantis****NYSDEC Air Toxics Program updated Policy DAR-1 : Guidelines for the Evaluation and Control of Ambient Air Contaminants under 6 NYCRR Part 212**

Do you recall the topic of our September 2015 dinner meeting? It was about the revisions to 6 NYCRR Part 212 because it had been updated in June of that year. Part 212 is used to determine the amount of emission control needed for criteria and toxic air contaminants emitted from process emission sources. It is titled Process Operations. Now DEC Policy DAR-1 has been updated to provide guidance for the implementation of and compliance with the new version of Part 212.

Specific changes from the 1997 version of DAR-1 to the August 10, 2016 version include:

- ◆ Most of the previous text from the body of the document has been dropped.
- ◆ The 2016 version introduces Flowcharts that are designed to work with the flow of the document.
- ◆ The 2016 version lists the data needed by the Department to conduct a compliance review for Part 212.
- ◆ DAR-1 specifies which process sources are covered by other regulations such as NESHAP sources and other state regulations.

(cont'd on p. 6)

Membership**Timothy Bathory**

Currently we have over 100 members of Air & Waste Management's Niagara Frontier Section with roughly a 50/50 split between international and local affiliates. [To check membership status please visit the AWMA-NFS Website.](#)

Corporate memberships are valid for one year from the date of renewal while local memberships expire on August 31st annually. New members and renewal applications can be found on our website. Payment can be made either through the website or mail. Membership categories and dues are as follows:

Local Affiliate Member	\$36
Local Affiliate Member [Full-Time College Student]	\$11
International Member	\$195
International Member [Young Professional - 35 or younger]	\$98
International Member [Full-Time College Student]	\$35
Corporate Sponsor*	\$325
Web Sponsor*	\$500

* Corporate Sponsor includes an International Membership for one person and a local affiliate membership for a second person.

If you have any questions about becoming a member or renewing your membership please contact Tim Bathory at awmanfsmembership@gmail.com or 534-6885.

[A list of current membership can be found on the AWMS-NFS website.](#)

Seminar Committee (cont'd)**Mike Hecker and Patrick Martin**

The meeting is a brain-dump of potential topics: need 5-6 good draw topics and a keynote lunch speaker

Volunteers Needed:

- ◆ Coordinator for Sponsorships
- ◆ Coordinator for Exhibitors
- ◆ People for committee with ideas/topics

Hope to see you at the first meeting!

SAVE THE DATE

If you'd like to Save The Date, we have Templeton
Landing reserved for
Wednesday, January 25, 2017

Education, Scholarships, and Grants**Eric Warren**

A&WMA-NFS has two major scholarships we award each year through our Education Department. These scholarships and the most recent winners are provided below:

1). Dave Sauer Memorial College Scholarship – Who is eligible to apply for this scholarship? Any high school senior, who is in good academic standing, attending a recognized high school located within the New York State counties of Allegany, Cattaraugus, Chautauqua, Erie, Niagara, or Wyoming and that will attend a recognized college or university that same academic year is eligible.

This scholarship is named after Dave Sauer who was a long time member and historian for the A&WMA-NFS. As an environmental professional, Dave was active in many environmental related community events and had a strong sense of environmental stewardship. This scholarship is awarded annually to one or more high school seniors in continuing remembrance of Dave and his devotion to improving our environment.

2016 Dave Sauer Memorial College Scholarship Winners

Alexander Fox – awarded \$750.00 – graduated from Wilson High School. Currently attending Buffalo State College.

Jamie Galloway – awarded \$750.00 – graduated from Starpoint Central High School. Currently attending Keuka College.

2). College Scholarship – Who is eligible to apply for this scholarship? Any full-time undergraduate student attending a recognized college or university located within the New York State counties of Allegany, Cattaraugus, Chautauqua, Erie, Niagara, and Wyoming and/or a child or spouse of a current A&WMA-NFS member who is a full-time undergraduate student at a recognized college or university, regardless of location.

2016 College Scholarship Winners

MaryKate Mooney – awarded \$1,000.00 – currently attending SUNY at Buffalo.

Kaylee Martin – awarded \$500.00 – currently attending D'Youville College.

Additional info and applications for these scholarships can be found at our website:

<https://awmanfs.wildapricot.org>

Message from the Chair (cont'd)**Mark Hans**

was instrumental in getting our website up and running. Although Pat is still a member, he has decided to step back from the day to day activities of the Board. **Thank you Pat** for all of your service to the organization. We look forward to seeing you at our dinner meetings.

As for the Board, we have an interesting mix that includes:

Kathleen Moguel is new to the Board this year and she will be handling reservations for the dinner meetings. Kathleen is currently an environmental engineer with the Durez Corporation in Niagara Falls.

John Atkinson will take over the duties as the Education Committee Coordinator. John is a Professor at UB in the Department of Civil, Structural and Environmental Engineering.

Tim Bathory will continue as the Membership and Young Professional Coordinator. Tim is an environmental professional who works at the Occidental Chemical Corp. Niagara Falls Chlor-Alkali plant.

Dharma Iyer will continue to head up the Environ committee. Dharma owns Iyer Environmental, an engineering consulting firm in Orchard Park.

Jim Strickland will continue as our representative with the Technical Societies Council of Western New York. This group includes representatives from most of the professional organizations in Western New York. Jim is the Regional Engineer for the NYSDEC in Buffalo.

Kevin Sullivan will continue to prepare the newsletter. Kevin is a consulting engineer with TRC Environmental Corp. in Williamsville.

Eric Warren is taking over the duties of the Vice-Chair and will be responsible for setting up speakers and locations for the dinner meetings. Let him know if you have any ideas for tours, speakers or dining locations. Eric is a project manager at Nature's Way Environmental.

Dominic Buccilli will continue as the A&WMA-NFS treasurer. Dominic is responsible for the money that goes into and out of our accounts. According to Dominic, we always have a lot of money. Dominic is a retired engineer from the NYSDEC Buffalo office.

Michael Emery will continue to serve as our secretary. Mike is responsible for taking minutes at our Board meetings, sending out notices to membership and keeping me in line. Mike is an environmental engineer for the NYSDEC Division of Air in Buffalo.

David Copeland takes over the reins as the Past Chairperson. Many thanks to Dave for his leadership last year. I look forward to getting advice from Dave on any issues that may arise. Dave is an environmental engineer with Praxair, Inc. in Tonawanda.

Paul VanKerkhove has agreed to be the financial secretary for this year. Paul will be responsible for preparing and monitoring our budget. Paul is an environmental engineer with GHD in Niagara Falls.

Patrick Martin and **Michael Hecker** have stepped up to be co-chairs for our annual seminar. Pat is an environmental engineer for Golder Associates in Amherst and Mike is an attorney with Hodgson Russ in Buffalo.

Randy Rakoczynski will continue as our PDH coordinator for the dinner meetings and the seminar. Randy is an environmental engineer with Barton & Loguidice in Buffalo.

Bruce Wattle will continue as our Historian. Bruce is an environmental professional at Ecology & Environment in Lancaster.

MaryKate Mooney assumes the duties of Board liaison with the UB Chapter. MaryKate has been active in our organization for several years and was an AWMA-NFS scholarship winner last May. MaryKate is a senior Environmental Engineering student at SUNY Buffalo.

Awards and Recognition

John Atkinson and Dave Copeland

2016 International A&WMA Annual Conference

Congratulations to SUNY-Buffalo Ph.D. candidate Mohsen Ghafari on winning two prestigious awards at the 2016 International A&WMA Annual Conference and Exhibition in New Orleans this past June. Mohsen was selected to receive both an Air Quality Research scholarship and the 1st Place Student Paper Award for his research paper and presentation entitled “Modeling Adsorption and Desorption of Volatile Organic Compounds on Crosslinked Porous Polymers”.

Mohsen is a senior member of Dr. John D. Atkinson’s Air Quality Materials Engineering group (@AirQME) in the Civil, Structural, and Environmental Engineering Department at UB. He has a B.S. in Chemical Engineering from the Sharif University of Technology, an M.S. in Chemical Engineering from University of Tehran, and an M.S. in Environmental Engineering from UB. His general research field is the use of physically and chemically structured porous polymers as adsorbent and catalyst alternatives to activated carbon, focusing on polymer synthesis, characterization, and environmental application. He anticipates graduating from UB in 2018.



2015 Minasian Award: Air & Waste Management Association—Niagara Frontier Section

The Niagara Frontier Section was awarded the 2015 A&WMA Minasian Award. The A&WMA Minasian Award is given in recognition for superior performance in providing service to Members throughout the year—the award is given annually. All Sections submitting timely annual reports are evaluated in the following categories:



- ◆ Programs;
- ◆ Networking and professional education;
- ◆ Leader development;
- ◆ Membership and vitality;
- ◆ Communications and outreach; and
- ◆ Support of A&WMA.

See Page 7 for the official notification letter from A&WMA.

People on the Move

Mark Hans

Recent changes in job status (that we are aware of) include:

Peter Grasso was promoted to the position of Regional Materials Management Engineer for NYSDEC in Buffalo.

In June, **Tim Bathory** left NRG – Huntley Power LLC to take a job with Occidental Chemical Corp. in Niagara Falls.

If you have changed jobs, gotten a promotion or retired, let us know. Information can be sent to Kevin Sullivan (newsletter editor) at ksullivan@trcsolutions.com.

Regulations (cont'd)**Mike Emery and Steve DeSantis**

- ◆ The document emphasizes the procedures to derive an Environmental Rating and a flowchart is dedicated to this procedure.
- ◆ The 1997 Appendix A addressed Environmental Ratings and Toxicity Classifications. The 2016 version has a dedicated section to establishing Environmental Rating and is supported by a flowchart. Flowchart #2.
- ◆ The 2016 version removed Appendix B. Appendix B contained the hand calculations used for determining off-site ambient air concentrations. The methodology is outdated and will no longer will be accepted to demonstrate compliance.
- ◆ Appendix C of the 1997 version contained the toxicity classification data and Annual and Short-term Guideline Concentrations (AGC/SGC). This section has been relabeled Appendix A.
- ◆ The AGC/SGC tables will no longer be a stand-alone document but will be incorporated into DAR-1.

By way of background, New York's air toxics program was established to protect the public and the environment from the adverse effects of exposure to toxic air contaminants. The regulatory requirements of the air toxics control program are principally contained in 6 NYCRR Part 212. This regulation specifies the degree of air cleaning required for sources of toxic air contaminants and is based on an Environmental Rating assigned by a DEC permit engineer. Ratings are based on a contaminant's toxicity (high, moderate or low), predicted offsite air concentrations, the proximity of ambient impacts to neighboring communities, existing background concentrations and the potential future growth of the impacted area.

To assist the public with understanding the changes to Part 212, the Division of Air Resources released DAR-1 on August 10, 2016. DAR-1 provides guidance to DEC permitting staff, the public, and the regulated community on the requirements of the air toxics program (Part 212). DAR-1 outlines the control requirements for the emissions of air toxics and provide guidance for implementing the regulation. DAR-1 is available on the Air Toxics Program webpage of the DEC website. The webpage also has a link to the air dispersion modeling software AERSCREEN.

From DAR-1: PURPOSE AND BACKGROUND: This policy provides guidance for the control of criteria and toxic air contaminants emitted from process emission sources in New York State. The policy describes the Division of Air Resources' (DAR) procedures for implementing Part 212. This policy replaces the DAR-1 previously issued on November 12, 1997 by DAR. This document provides guidance to Department staff, those facility owners subject to Part 212, and the general public. More specifically, this guidance document discusses how the Department intends to implement Part 212. This guidance is not a substitute for those provisions nor is it a regulation itself. The guidance contained in this document is primarily intended for use in conjunction with the Department's permitting and regulatory authority found in 6 NYCRR Parts 200, 201, 212 and 257. Part 212 provides the regulatory language for Department staff to enforce specific emission restrictions from process emission sources for criteria and non-criteria air contaminants. Part 212 is used in conjunction with other state and federal regulations to control criteria air contaminants and non-criteria air contaminants, also referred to as toxic air contaminants. This document also includes flow charts to assist the reader in interpreting the Part 212 regulation. However, the flow charts cannot address all situations encountered when determining the appropriate Environmental Rating or degree of control required; therefore, the regulation and not the flowcharts is always the final interpretation of Part 212.

Website**Mark Hans**

We encourage all of our members to visit the website and to use it to register for dinner meetings. Over the past year, we have been slowly adding items to the website. One addition includes a page that shows resumes for people looking for jobs as well as environmental job openings in the area. If you get a chance, check it out. Just click on the tab for Information of Interest on the left side of the home page. If you have any suggestions for additions, corrections or improvements to the web site, let me know at mjhans9@gmail.com and I'll see what I can do.

Awards and Recognition (cont'd)**Eric Warren and Dave Copeland**

June 7, 2016

David Copeland
 Chair, Niagara Frontier Section
 Dave_Copeland@praxair.com

Re: Niagara Frontier Section Minasian Award 2015

Dear Dave:

On behalf of the Sections & Chapters Council of the A&WMA, it is my pleasure to notify you that the Niagara Frontier Section has been selected to receive one of the 2015 Minasian Awards for superior performance in providing service to Members in 2015. All Sections submitting timely annual reports are evaluated in five categories: programs, networking and professional education; leader development; membership and vitality; communications and outreach; and support of A&WMA.

This year two Sections were selected for Minasian recognition. The official award announcement will be at the Sections & Chapters Council meeting on June 20 in New Orleans, LA. Kindly notify me if you will be attending. I have also requested the Awards be announced at the ACE Honors & Awards Ceremony, in EM, and on our website.

This award is a recognition of the contributions of many A&WMA member volunteers who work to improve ourselves, our profession and our communities. Please convey our appreciation to all of your volunteers.

Sincerely,

Greg L. Johnson
 Chair, Sections & Chapters Council
gjohnson@liskow.com

cc: Brad Waldron
 Michele Gehring

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Current Events**Mark Hans****The next A&WMA-NFS dinner meeting will be on September 22, 2016**

The Speaker, Richard Clarkson from NYSDEC's Albany Office, will present NYSDEC's Proposed Revisions to 6 NY-CRR Part 360 – Solid Waste Regulations at Curly's Grill & Banquet Center in Lackawanna. Details are available on our website. **To make a late reservation please email Kathy Moguel at awmanfsreservations@gmail.com or call her at (716) 597-1022.**

The October A&WMA-NFS dinner meeting will be held on October 27, 2016, and will involve a tour of the Love Canal Site located in Niagara Falls, New York.

The Niagara Frontier Section of the AWMA, Inc. publishes its newsletter, *THE RELEASE*, quarterly as a service to its members.

If you would like to submit an article for the next issue of *THE RELEASE*, please contact:

Kevin Sullivan

TRC Environmental Corp.
2801 Wehrle Drive, Suite 8
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KSullivan@TRCsolutions.com
(716) 713-8688

All other organization related correspondence may be directed to:

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and also on

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Air and Waste Management

Association

Niagara Frontier Section

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