

4TH QUARTER, OCTOBER 2022



AIR & WASTE MANAGEMENT
ASSOCIATION

UPPER MIDWEST SECTION

QUARTERLY NEWSLETTER

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A&WMA-UMS Member Spotlight



JESS KELLER

Jess is an Environmental Analyst at Xcel Energy and has been with the company for over eight years. Most recently, she has taken on a permitting role within Xcel and was previously responsible for compliance at the Sherco Plant in Becker. Prior to working at Xcel Energy, Jess has worked in the consultant field for Stantec and Wenck Associates, concentrating on air quality permitting and compliance. When first starting her career, she worked for the North Dakota Department of Environmental Quality in the air group handling permitting and compliance.

Jess first became involved with the Air & Waste Management Association (A&WMA) after starting her position at Wenck Associates and has been serving as the Communications Chair of the Association since 2018. She has also served on the planning committee for the North Dakota Regional Environmental Conference for the last two years. The Association has provided her with many wonderful opportunities to connect with other professionals in the environmental field, in addition to sharpening her communication skills by serving as the Communications Chair over the last several years.

Outside of work and A&WMA, Jess enjoys time spent watching her daughter, Emily, participate in many different sports and chasing around her two dogs, Zeus and Eugene. Jess also enjoys frequent trips to North Dakota with her husband Trampis and Emily to visit family, including her step-daughter, Jazmine. Jess enjoys watching movies, playing board games, working on puzzles and camping.

Safety Moment

This quarter's safety moment is about safe winter weather driving. Whether snow, sleet or ice, winter weather can cause extremely dangerous road conditions. Every year, fatal and injury crashes can happen at any time. Preparing yourself and your vehicle can reduce the risk that comes with winter driving.

Remember the basics and slow down. Slippery conditions make it significantly harder to stop. Also, do not crowd snowplows; keep a safe distance and use caution if you must pass the plow. Ensure that your vehicle is in good order and ready for the hazardous conditions by checking your lights, windshield wipers, tires and cooling system. For more information on safe winter driving tips, visit the United States Department of Transportation website [HERE](#).



A&WMA-UMS News & Announcements

WAYS TO GET INVOLVED

What are ways I can get involved in the Air & Waste Management – Upper Midwest Section? There are currently two open committee chairs: the **Program Planning Committee Chair** and the **North Dakota Regional Environmental Committee Chair**! We are always looking for new involvement in any of the committee at any time of the year! Elections for the Officer positions will be opening soon and there will also be one open Director position as well. Please see below for more information and feel free to reach out to the A&WMA-UMS Chair, Miranda Mair, at Miranda.Maireawma-ums.org for with any questions or to get further information!



1. **Join a Committee.** Committees are a great first step to get involved in the A&WMA-UMS. Committees allow for members to interact in a smaller group, take ownership of specific events or tasks, and give their opinion on the direction of the organization. Committees typically meet once a month for an hour, with additional time needed for events or committee task completion. Please reference our website for more details on the committees by clicking the link below.

2. **Run for an Officer position.** There are four Officers of the A&WMA-UMS – Chair, Vice Chair, Secretary, and Treasurer. Each position is a one-year term. Descriptions of these positions can be found in the A&WMA-UMS bylaws, [HERE](#). Nominations for Officer positions will be posted to members in October of each year. Officers are expected to attend monthly board meetings (one hour/month), as well as complete required tasks for their position.

3. **Run for a Director position.** There are three Directors of the A&WMA-UMS. Directors are voting members who participate in each Board meeting. They also are the sole members of the Nominating Committee, who are in charge of annual Board elections. Each director position is a three-year term. Nominations for one Director position will be posted to members in October of each year. Directors are expected to attend monthly board meetings (one hour/month) and lead the election process in the fall.

Please take a look at our website for more details and information if you are interested in getting involved! [LINK HERE](#)

4TH QUARTER, OCTOBER 2022

A&WMA-UMS Past Event Highlights

ND Regional Environmental Conference

On September 20, 2022, AWMA-UMS was proud to host the second annual North Dakota Regional Environmental Conference, which was held at Bismarck State College's National Environmental Center of Excellence.

Over 50 in-person attendees enjoyed speakers whose topics spanned across various environmental media, all while appreciating the venue's panoramic views of the Missouri River Valley. Attendees had the pleasure of hearing the keynote Speaker, Lieutenant Governor Brent Sanford, discuss important topics impacting North Dakota now and into the future.

Planning will soon begin for the 2023 Conference and anyone who is interested in assisting in its preparation are encouraged to reach out to the North Dakota Conference Committee Chair, Adam Driscoll at adriscoll@barr.com.



A&WMA-UMS Past Event Highlights

Arrowhead Conference

The Air and Waste Management Association's Upper Midwest Section (AWMA) and its partner the Minnesota Chapter of the Solid Waste Association of North America (SWANA) hosted the Annual Arrowhead Environmental Conference at the Blackwood's Event Center in Proctor, MN on September 7th. The event featured Air, Water, Waste, Remediation and Land Use related topics relevant to the Arrowhead Region and Greater Minnesota and was a great opportunity for environmental professionals to network.

A&WMA-UMS Trivia and Happy Hour Event

The YP sponsored Trivia Night was a great time. Team "Up in the Air" took FIRST PLACE with our superior knowledge of general (and pirate-themed) trivia. Thanks to all who made it out!



A&WMA-UMS Upcoming Events

2022 Conference on the Environment



Mark your calendars for the 37th Annual Conference on the Environment (COE) which will be held IN-PERSON on Thursday, November 10, 2022.

This all-day conference brings together environmental professionals representing industry, consultants, government, and academia, in the areas of air quality, water quality, and waste management. Through keynote presentations and concurrent technical sessions, attendees will learn about new, relevant issues. The COE is co-hosted by the Upper Midwest Section of Air & Waste Management Association (A&WMA-UMS) and the Central States Water Environment Association (CSWEA) and has become one of the premier conferences in the Upper Midwest dealing with today's pertinent environmental issues.

Attendee Registration Link [HERE](#)

Sponsorship & Exhibitor Registration Link [HERE](#)

Upcoming A&WMA National Events



Based on the best-selling A&WMA NSR Manual, this Workshop will provide attendees with a working knowledge and understanding of New Source Review rules and how to apply them in different situations. This 2-day workshop is ideal for industry, attorneys, state and local permit writers, and consultants. The program has been updated to include the EPA's current position on applicability, emissions accounting, common control and source classification.

Registration information [HERE](#).

Upcoming A&WMA National Events



As the concern for per- and polyfluoroalkyl substances (PFAS) increases, A&WMA has developed this conference to bring together scientists, researchers, academics, practitioners, regulators, and the regulated community to discuss the current state of PFAS science and to help develop solutions for the future. Dubbed “forever chemicals” by the media, PFAS pose unique challenges with their persistence, revolving life-cycle, and distinctive chemical characteristics. Conference sessions will explore PFAS sources and uses, potential alternatives, health effects, and current regulatory approaches and guidance for PFAS in water, soils and biosolids, landfills and leachate, and air, as well as methods for their measurement, treatment, destruction, and disposal. Registration information [HERE](#).



This virtual conference will address emerging policies and strategies for tackling climate change impacts, including mitigation, adaptation and resiliency. Other topics of interest are global GHG policies and initiatives; innovative technologies; and solutions for mitigation and adaptation. The conference will emphasize the types of climate commitments made following the 2021 COP26 meeting in Glasgow and the efforts and plans to meet these commitments at all levels, as well as advances in policies since the global 2015 Paris Accord. The event will highlight case studies and action plans to reduce and/or adapt to the impacts of climate change. Registration information [HERE](#).



Join A&WMA at one of the best kept secrets in the industry for information exchange, networking, and solutions. This year's program will cover policy updates, regulatory changes, and research on the latest environmental topics. Registration information [HERE](#).

State Permitting/Rule Updates/Form Updates

Minnesota Pollution Control Agency

MPCA Launches New Website

The MPCA recently launched their newly designed website. As part of the redesign process, they refined and reorganized the website by simplifying the navigation and grouping similar content to create more intuitive experience. The overall goal is to make content easier to find and explore. Be sure to visit the new website and update links!

Link to [MPCA Website](#)

MPCA Form Updates

The following common MPCA air permit application forms have been updated from January 1st, 2022 through today ([Link to MPCA Forms](#)):

- EC-03: IC Engine Screen Modeling (5/10/2022)
- EXP-01: Expedited Project Review Request (3/7/2022)
- GI-02: Process Flow Diagram (4/14/2022)
- GI-03: Facility and Stack Vent Diagram (8/8/2022)
- GI-05F: Emission Source Associations (3/7/2022)
- GI-09: Requirements Form (4/28/2022)
- GI-09A: Requirements - NESHAP (40 CFR Part 63) (4/14/2022)
- GI-09C: Requirements - New Source Review (5/12/2022)
- GI-09E: Group Information (3/7/2022)
- GI-09I: Requirements - State Rules (3/7/2022)
- CD-02: Compliance Certification (4/28/2022)
- CH-01: Change Description (5/10/2022)
- CH-02: Action Type Determination (3/7/2022)
- CH-04: Determination of New Source Review Status (5/12/2022)
- CH-07: Applicability of Part 63 NESHAP for Amendments (4/14/2022)
- CH-13: Applicability of State Rules (3/7/2022)
- CH-14: Complete Notification and Amendment Application Checklist (8/4/2022)
- RP-01: Facility Information (4/28/2022)
- RP-04: Estimation Form (5/10/2022)
- RP-05: Administrative Change Form (5/10/2022)
- RP-D1: Option D Actual Emission Form (5/10/2022)
- RP-D2: Option D Control Equipment (5/10/2022)
- SCP-01: Submittal Cover Page (3/7/2022)



Minnesota Pollution Control Agency

MPCA Quarterly Air Mail Newsletter

MPCA publishes a quarterly Air Mail newsletter, which may be accessed here: [Newsletter Link](#)

TOPICS:

EVENTS AND OPPORTUNITIES

- \$1 million available for heavy-duty off-road diesel equipment grants
- Join Minnesota GreenCorps
- Save the date: Air modeling virtual open house
- Webinar: Clean air for all? The unequal burdens of air pollution
- Air monitoring network plan ready for comment soon
- Transportation policy plan ready for comment soon
- Electric vehicle charging station survey

GENERAL

- Low-income, diverse communities face greater health impacts from air pollution
- New framework for addressing asthma in Minnesota
- Air quality forecast for summer: better than last year, but still potentially smoky
- Latest data added to MPCA's air emissions data tool
- Minnesota GreenCorps helps tribal communities achieve energy savings
- Meet the Clean Air Minnesota co-chairs
- IN FOCUS: TCE BAN
- TCE ban implementation
- MnTAP helps Minnesota businesses get ready for the TCE ban

REGULATORY

- Online trainings help small businesses find permitting answers
- Removal of stay of formaldehyde standards in 40 CFR part 63, subp. YYYY
- New rules adopted related to air quality

MPCA Air Quality Permitting Guidance



The MPCA offers extensive permitting guidance on their website at the following link: [MN Permitting Guidance](#)

State Permitting/Rule Updates/Form Updates

North Dakota Department of Environmental Quality

CERIS

The North Dakota Department of Environmental Quality (DEQ) utilizes CERIS (Combined Environmental Regulatory Information System) in order to submit, revise and management air quality applications, registrations or permits, pay environmental fees and submit and view documentation. Access the CERIS here: [Home - CERIS-ND](#)

ND DEQ Air Quality Permitting Guidance

The North Dakota DEQ offers extensive permitting guidance on their website at the following link: [ND Permitting Guidance](#)



South Dakota Department of Agriculture and Natural Resources

South Dakota DANR Air Quality Permitting Guidance

The South Dakota Department of Agriculture and Natural Resources (DANR) outlines current forms on their website at the following link: [Link to Forms](#). Additionally, SD DANR offers permitting guidance on their website at the following link: [SD Permitting Guidance](#).

Wisconsin Department of Natural Resources

Wisconsin DNR Air Quality Permitting Guidance

Have you ever wondered how the permitting process in Wisconsin works? The eleven-step process is detailed on the Wisconsin Department of Natural Resources' webpage. See the following link for more details: [WI Permitting Guidance](#).

Wisconsin DNR Current Air Quality Permitting Forms

The latest forms for air applications can be found here: [Link to Forms](#)



In the News

EPA Releases Final Determinations of Attainment Status for Air Quality Standards for Smog

On September 16, EPA announced the final determinations for whether certain areas have met the 2008 or 2015 National Ambient Air Quality Standards (NAAQS) for ground-level ozone, as required by the Clean Air Act. EPA is finalizing determinations regarding the air quality progress of six nonattainment areas classified as “Serious” for the 2008 ozone NAAQS, and



for 28 nonattainment areas classified as “Marginal” for the 2015 ozone NAAQS. These final rules establish new timeframes and next steps states must take to improve ozone air quality in remaining nonattainment areas. EPA’s final decisions are based on a scientific evaluation of certified, publicly-available air quality monitoring data for the years 2018 - 2020.

To learn more, click [HERE](#).

EPA Launches Updates to Environmental Justice Mapping Tool EJScreen



The U.S. Environmental Protection Agency (EPA) has updated and added new capabilities to EJScreen, the Agency's public environmental justice (EJ) screening and mapping tool. EJScreen combines environmental and socioeconomic information to identify areas overburdened by pollution.

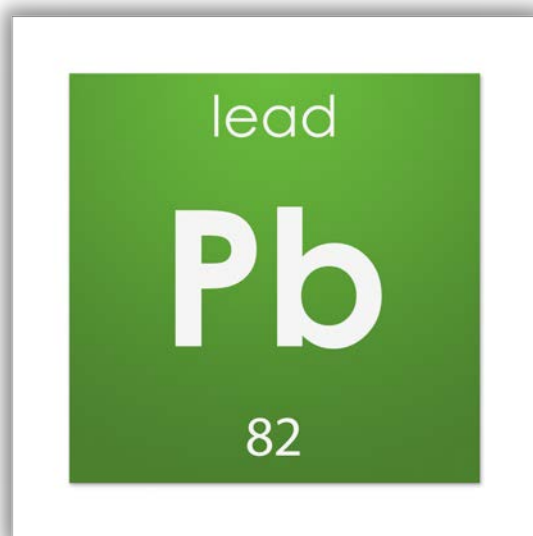
EJScreen 2.1 includes the addition of new data on US territories, threshold maps which provides a cumulative outlook, and supplemental indexes providing additional socioeconomic information.

Click [HERE](#) to learn more about the specific changes to the EJScreen tool.



In the News

EPA Announces \$30 Million in Grants for Projects to Reduce Lead in Drinking Water in Disadvantaged Communities and Schools



On October 11, 2022, the U.S. Environmental Protection Agency (EPA) announced projects that have been selected to receive funding to reduce lead in drinking water for disadvantaged communities and schools. Over \$30 million in grant money under the Water Infrastructure Improvements for the Nation (WIIN) Act, as well as additional funds from the Bipartisan Infrastructure Law will help these projects to address lead in drinking water and remove lead pipes in infrastructure.

According to EPA Assistant Administrator for Water Radhika Fox, “the science on lead is settled—there is no safe level of exposure. This grant funding will help reduce exposure to lead in drinking water and should be used to support underserved communities that are most at risk for exposure.” Lead poses serious health risks to both children and adults - children are especially vulnerable. Low-income and other historically underserved communities typically experience high levels of lead in their drinking water because they are disproportionately served by lead services lines. The six new projects selected across the country will receive grant funding under the Water Infrastructure Improvements for the Nation (WIIN) Act through the Reducing Lead in Drinking Water grant program.

To learn more about the projects, click [HERE](#).



In the News

EPA Awards \$80,000 to Minnesota State University Mankato

On August 10, 2022, the U.S. Environmental Protection Agency (EPA) announced an \$80,000 grant to the Minnesota State University Mankato. This grant is a part of the Environmental Education Grants Program.

“When we equip communities with the right tools to raise awareness and advance environmental education, it benefits everybody,” said EPA Administrator Michael S. Regan. “This funding will empower students and teachers in schools, and support community members in underserved and overburdened areas as we work together to tackle the climate crisis, advance environmental justice and deliver on our mission of protecting human health and the environment for all.”

This project will educate undergraduate students, as well as middle, high school, and community college faculty on air quality monitoring. Click [HERE](#) to read more about this exciting opportunity.



MPCA announces \$78,000 investment with Cedar River Watershed District in Austin to prepare for extreme weather and climate change

The Minnesota Pollution Control Agency (MPCA) announced on August 16, 2022, a grant of \$78,000 to the Cedar River Watershed District for better understanding on how to prepare its infrastructure for extreme climate change conditions. In addition, the City of Rochester was awarded \$107,000 to develop climate resilience hubs that residents can use to address immediate major weather threats brought on by climate change.

To learn more about these grants, click [HERE](#).



In the News

Helping small businesses adapt to environmental challenges

According to the Minnesota Pollution Control Agency (MPCA), businesses across the state are struggling with more frequent flooding, higher insurance costs, and other stressors that are impacting the businesses' bottom line. A new and free online training from the MPCA is aimed at helping small businesses adapt to changes caused by climate change.

"In the past, few resources were available that specifically guided small business owners on how to adapt to the changing climate and mitigate its negative effects," says Sam Connolly, business assistance specialist with MPCA's Small Business Environmental Assistance Program. "We want to support them in anticipating the potential impacts to their businesses and envisioning themselves as part of the solution."

Click [HERE](#) to read more about this new opportunity.



Update to the MPCA Analytical PFAS Guidance Document

The Minnesota Pollution Control Agency has updated the analytical PFAS guidance posted on the [MPCA Science and data webpage](#). The analytical guidance document is intended for use by laboratories, project managers and MPCA staff who generate, review or report PFAS data to the MPCA. The purpose of this document is to provide MPCA data quality objectives, data consistency and data quality.

Air Quality in Your Area

Did you know that you can view real-time data for the air quality in your area? See below for the interactive map for your area.



- **Minnesota**
- **Wisconsin**
- **South Dakota**
- **North Dakota**
- **Federal level / all other states**



AIR & WASTE MANAGEMENT
A S S O C I A T I O N

UPPER MIDWEST SECTION