

FET - Federation of Environmental Technologists Newsletter

Educating and Developing Excellence in Environmental, Health & Safety Professionals

Message from the President



Hi during this busy reporting season!

I am intrigued by numbers, and specifically calendar numbers, their variations, and their history. In the United States, and in much of the business world for the last century or so, a calendar based on the solar year is used. It begins with January 1st and ends with December 31st. Technically, it is called the Gregorian calendar, and it originated in the 16th century, as an improvement over its predecessor, the Julian calendar in approximating the solar year.

But nothing is perfect, as the planet Earth takes about 365.24 days to orbit the Sun. That is why, as you know, we have a leap year every four years, to take care of the ~0.25 day each year. The remaining (-0.01) day is slowly accumulating each year until it is adjusted to zero in the year 2100 (which thus will not have a leap day). In terms of environmental reporting, I always look forward to the extra day that a leap year gives before the March 1 or later due date (too bad not this year!)

There are other calendars based on the lunar month, such as the Hebrew or Islamic calendar. The Hebrew calendar (as well as the Hindu, Japanese, and Chinese – Happy New Year Feb 1st! - calendars) is a "lunisolar" calendar, resulting in a "leap month" every two or three years, for a total of seven times every 19 years. Easter is a "moveable feast" originally based on the Hebrew calendar. The date of the feast is then modified to keep its date more in sync with the solar calendar. This it does by designating a specific full moon to trigger the date. Thus, the date of Easter is determined as the first Sunday after the first full moon on or after March 21. In 2022, Easter will be on April 17, a late date as Easter goes.

I prefer calendars based on solar years, resulting in other holidays being consistently in the same month each year. (From a work perspective, solar years also allow for annual requirements to occur during the same month each year.) Easter at times is a challenge for family vacation planning because it often doesn't match up with spring break. I can live with that though, as I'll always be able to know that it still occurs every year during the spring season.

I wish you all a safe and healthy remainder of winter; May your reporting season go well, and let's look forward to Spring! The warmer weather eventually will allow us to socialize outdoors and just maybe we can start thinking about in person Chapter-held tours, etc.

Take care!

Troy Stucke PE, CHMM - FET President

Charter Steel Email: stucket@chartersteel.com (262) 268-2451

CALL FOR PAPERS

Submit Your Paper for the 2022 FET Environment Conference

Abstracts Due by Friday, February 25, 2022

Papers are now being accepted on a variety of topics that have a broad interest across many disciplines and do not include sales-oriented materials.

A recent survey of FET Members included the following Topics our members are interested in:

- PFAS
- Compliance management
- Hazardous materials/waste sampling
- Universal Waste Update
- Safe handling of waste
- Waste accumulation compliance topics
- Wastewater Topics
- Generator Improvements Rule review
- Permitting
- Refrigerant management (ODS)
- Successful Training Programs examples
- Water stormwater and well reporting
- Waste Generation Small vs large quantity
- Air monitoring
- Air emissions management
- Generator classification deep dive
- SPCC

- Non-road engines what are the compliance requirements and AEI requirements in the eyes of the state
- Remediation with soil & groundwater implications/ understanding what needs to occur, rules & regulations
- Sustainability
- Greenhouse Gas emissions risks
- Mandatory environmental training
- Commonly missed training/ deviation/ non-compliance for industry
- Labs
- SIRS/Case closures expectations, recommendations & mistakes
- How to manage a future pandemic
- Managing a portable water system
- PSM managing/auditing
- Fire/Emergency response

Other papers focusing on environmental, health and safety topics will also be considered. All Abstracts are peer-reviewed and you will be notified of the status of your submission.

Acceptance of an abstract is considered a commitment by the author to present the paper at the October 2022 Conference.

Abstract Submittal Information: Abstracts should be no longer than 250 words; include your name, title, professional affiliations (i.e. CHMM, PE, etc.), company name, address, phone, fax and email address; submit your abstract by email to info@fetinc.org



By the Numbers

Did you know? 2022 is the 40th Anniversary of FET. How many years have you been part of FET?



Celebrating FET's 40th Anniversary 1982 – 2022

FET – Celebrating 40 Years of Education and Service for EHS Professionals

Historical Facts from 1982:

- A Postage Stamp was 20 cents
- Hit Movies: ET, Tootsie and the Oscar-winning Chariots of Fire
- Popular TV Shows: Lou Grant, Hill Street Blues

FET - The Early Years:

1982 - 1983 – FET President: **Tom Sweet** 1984 - 1985 – FET President: **David Scherzer** 1985 - 1986 – FET President: **Alan Haase**

October 1982: The first issue of FET's Newsletter is published. The feature article was "The Regulatory Aspects of Waste Incinerators" by Alan Haase, P.E.

October 1983: SC Johnson hosted a seminar on Regulation & Control of VOC's.

<u>December 1983</u>: With a bank balance of \$514, the Board voted to increase fees to \$25 for members and \$35 for nonmembers.

<u>April 1984</u>: A suggestion was made following an FET Seminar that there be a smoking area at FET seminars. FET decided that "Until the Indoor Clean Air Act is in effect, we can designate a smoking table in each meeting room we use."

<u>January 1985</u>: Environment '85 was the first formal Conference hosted by FET. It was held at the Marc Plaza Hotel in downtown Milwaukee (now the Hilton Milwaukee City Center). The one-day conference featured vendors, 13 speakers, and ended the day with four round-table discussions on air, water, hazardous wastes and OSHA. The conference chair for this event was Don Gagas. (This event was a pre-cursor to our current 3-day Conference & Exhibition event.)



FET Membership ANNUAL MEETING in February 2022

FET's Annual Meeting will be a virtual one, as a Zoom call this month. It will be hosted by FET President Troy Stucke, and include a review of the past year, financial status, the FET Website and honoring former FET President Jason Martin and WI CHMM Chapter President Becky Lane, whose terms ended in 2021, along with other business. Look for information in your email coming soon for you to register.

● ● Environment 2022 FET Annual Conference & Exhibition

Planning will soon be underway for FET's annual event. This will be our 38th annual event . . . Details on the October dates and location will be shared on the FET Website and in the Newsletter as they are developed. Stay tuned!

Feature Article

Wisconsin Circuit Court Concludes State Has Limited Authority to Sample Wastewater Discharges for PFAS Compounds But Cannot Enforce Standards Without Rulemaking Process

By Leah Ziemba, Todd Palmer and Taylor Fritsch Michael Best & Friedrich LLP

In a closely watched case, the Jefferson County Circuit Court concluded that the Wisconsin Department of Natural Resources (WDNR) has limited authority related to sampling permitted wastewater discharges for PFAS compounds.

In the court's late January decision, WDNR achieved a narrow victory on the issue of sampling authority. The court held that only one Wisconsin statutory provision, Wis. Stat. § 283.55(1)(e), provides the agency with authority related to the sampling of WPDES-permitted wastewater discharges for PFAS.

The court also concluded that WDNR may not enforce PFAS effluent standards without first engaging in administrative rulemaking. That state rulemaking process is underway.

The court specifically rejected WDNR efforts to regulate PFAS effluent discharges under its "Narrative Toxic Standard," holding that WDNR "must promulgate their interpretation that PFAS compounds (not currently subject to toxic substances and effluent standards by rule) are toxic substances (regardless of any "consensus" that they, in fact, are toxic substances) as a rule and follow the procedure for so doing as required by Wisconsin law prior to relying on authorization to sample under the 'Narrative Toxic Standard.'"

Wisconsin Manufacturers and Commerce brought the case after WDNR announced it would conduct involuntary sampling of the effluent from select WPDES-permitted facilities for PFAS compounds. WDNR's initial rationale for sampling was to gather data in support of the economic impact analysis of rulemaking to create surface water quality standards for PFAS. The court held that the economic impact analysis statute does not provide WDNR authority to conduct involuntary sampling. However, the court acknowledged that a program of sampling could be independently authorized by law, and the data generated through such independently authorized sampling could be used in the development of an economic impact analysis.

The court's issuance of a final decision dissolves a temporary injunction that had precluded the release of non-anonymized sampling results obtained by WDNR from sampling efforts.

The case is Wisconsin Manufacturers and Commerce, Inc. v. Wisconsin Department of Natural Resources, et al., Case No. 21-CV-111 (Jefferson County Circuit Court).

A separate legal proceeding remains pending in Waukesha Circuit Court challenging WDNR's authority to regulate PFAS as a hazardous substance under the state's Spills Law and associated Wis. Admin. Code NR 700 regulations.

Proposed Rule for PFAS Surface Water Quality Standards

As previously referenced, the state's rulemaking process related to surface water quality standards for PFAS is underway (WY-23-19). A proposed rule was released in July 2021, along with a draft economic impact analysis (EIA). A revised rule, along with a final EIA, was released in September 2021.

The final proposed rule would set surface water quality standards for two types of PFAS, PFOS and PFOA, as well as revise WPDES permitting regulations to implement the new water quality standards.

As a general matter, the proposed framework includes an initial 24-month sampling period. If WDNR determines that levels of PFOS or PFOA in a permitted discharge may cause or contribute to an exceedance of the PFOS or PFOA public health significance level, then the development and implementation of a PFAS Minimization Plan and continued sampling is required. If a PFAS Minimization Plan is required, the permittee is allowed up to 84 months to "investigate sources, make operational changes, install BMPs, clean equipment, and implement all identified source reduction actions."

If, after implementation of a PFAS Minimization Plan, WDNR determines levels of PFOS and/or PFOA are of a level that exceeds or has a reasonable potential to exceed a standard, then WDNR may impose a compliance schedule.

Feature Article continued from page 4

The next step in the rulemaking process is for the Natural Resources Board (NRB) to consider the proposed final rule. If adopted by the NRB, the rule would go to the Governor for approval, followed by legislative review. WDNR estimates the rule would become effective in mid- to late- 2022. Given the legislative calendar, we think that is optimistic. Further, the rule will almost certainly be subject to legal challenge(s) which could delay the imposition of these surface water quality standards.

Upcoming FET Seminars, Webinars and Courses

FET Industrial Wastewater 3-Session In Person Course Starts in March 2022

FET will again offer its **Industrial Wastewater Course on 3 consecutive Wednesdays: March 16th, 23rd and 30th** over three (3) full-day sessions at The Sigma Group, 1300 Canal Street, Milwaukee, WI 53233.

The course will (1) review the DNR's new Subclass U for Unique Treatment Systems that use biological, chemical or physical methods (NR 114) and (2) will focus on material geared toward EPA's Metal Finishing Effluent Guidelines (40 CFR 433), DNR's Metal Finishing regulations (NR 261), and Electroplating regulations (NR 260). On July 1, 2014, DNR published a revised Chapter NR 114: Certification Requirements For Waterworks, Wastewater Treatment Plant, Septage Servicing And Water System Operators.

Topics to be covered include: Regulatory Overview, Oily Waste Removal, Control of Solvents/Toxic Organics, Sludge Treatment and Disposal, Basics of Treatment – Batch vs. Continuous, Hexavalent Chrome Reduction, Cyanide Destruction, Sampling and Flow Measurement, Operation and Maintenance, Equipment and Instrumentation, Safety and Health, Recovery Technologies, Preparation for the DNR Exam and more. See page 17 for agenda and information.

HAZWOPER Refresher on April 27, 2022



The HAZWOPER Refresher course, hosted by the WI CHMM Chapter, will be held on Wednesday, April 27, 2022 at Hilton Garden Inn, 11600 W. Park Place, Milwaukee WI 53224. The seminar is designed to meet the annual refresher training requirements under OSHA's standards for general industry and the construction industry on hazardous waste operations and emergency response (29 CFR 1910.120 or 29 CFR 1926.65). OSHA's Hazardous Waste Operations and Emergency Response Standard (HAZWOPER) was promulgated in 1990 to protect workers working at hazardous waste sites, treatment, storage or disposal facilities. Workers responding to an emergency involving the release of a hazardous substance also require current HAZWOPER training.

The eight hour class will help you meet this annual requirement.



Calling All CHMMs: Looking for Speakers for the 2022 EHMM Course

We are looking for speakers for next EHMM (Essentials of Hazardous Materials) Course. If you have spoken in the past, don't panic - we're planning to have you back. But people get busy, conflicts arise, etc. so we are continually looking to keep our speaker pool current and fresh. We haven't decided

on a face to face session or an online session. While we have yet to set a date or choose a location, if the course is presented iin person, it is typically held in the Milwaukee area in the Summer.

FET has been holding this course (in various formats) since 1989 and has successfully trained hundreds of professionals who are now CHMMs. The course will help prepare attendees for the CHMM examination and is also a great way to learn about various EHS topics. We even have people take the course to refresh their EHS (Environmental, Health and Safety) knowledge base.

You would be welcome to attend the course for free on the day you speak. This is an opportunity to gain CHMM points.

If you are interested in speaking, please contact **Bob Evangelisti at UW Whitewater** (262-472-5423), email evangelr@uww.edu Be sure to let him know what topic you might be interested in speaking on.



FET's tagline, **Educating & Developing Excellence in Environmental**, **Health & Safety Professionals, reflects valuable resources FET offers to benefit your company and staff.** Numerous educational and networking opportunities are offered during the year at a reasonable cost. Through seminars, webinars, free chapter meetings and our popular annual Conference, FET is a vital resource to assist you in enhancing your environmental knowledge and learning.

Check out these upcoming Seminars, Webinars, Chapter Meetings and Course offerings:

February 2022

February 10th - Western WI Chapter Brown Bag VIRTUAL
Meeting from 11:30 am - 12:30 pm: Join the Western Wisconsin
Chapter for a free virtual Chapter meeting. The guest speaker
will be Jason Lowery, WDNR Office of Emerging Contaminants.
He will provide a PFAS Regulatory update. A Chapter meeting
will follow. Please contact Jill Schoen, 715-928-2961, for more
information. RSVP by Tuesday, February 8th to Julie at
Julie@fetinc.org. A Zoom link will be forwarded only to
individuals who RSVP.

February 25th - Environment 2022 Call for Papers Deadline:

Papers are now being accepted on a variety of EHS topics that have a broad interest across many disciplines. See page 2 for details.

March 2022

<u>Wednesdays on March 16th, 23rd and 30th - Industrial</u>
<u>Wastewater In-Person Course</u>: Course will be held over 3
weeks at The Sigma Group, 1300 W Canal St, Milwaukee WI.
Registration is on page 17.

April 2022

<u>Wednesday, April 27th - WI CHMM Chapter HazWoper</u> <u>Seminar</u>: Hilton Garden Inn, 11600 W. Park Place, Milwaukee, WI, 53224. Stay tuned for details!

Check out ON DEMAND for recent FET Webinars available for purchase - see page 14 for more information. These on demand courses are great way to view a program you missed or were unable to attend!



Get Calendar Updates on the Web: www.fetinc.org

If the Registration deadline has passed for a particular Seminar or program, please contact the FET office to see if registrations are still being accepted.

An Invitation to Submit Regulatory Update Articles

We invite submissions of articles on regulatory updates from our members for this newsletter.

Note that all articles will be peer reviewed before publication, and should be free of the author's opinion or editorial content except when instructive or useful to the topic at hand, and free of any solicitation or offer of services.

Submit your articles to: info@fetinc.org

Seminar or Webinar Topic Ideas to share?



Do you have a topic idea for an FET Seminar or Webinar, or know a potential speaker who would be interested in presenting? Contact Barbara at FET 262-437-1700 with your ideas!

Interested in sponsoring an FET Webinar or Seminar? To reap the benefits of this marketing opportunity, contact Julie at 262-437-1700 to discuss opportunities.

THUMBS UP

Thumbs Up ... 106 Strong!

We give thanks for these **106 Speakers who donated their time and expertise to FET in 2021** by speaking at a Seminar, Webinar, Course or at the annual Conference. Many on this list spoke more than once last year . . . we are truly grateful to all!

- Lisa Ashenbrenner-Hunt
- Lynn Baenen
- Cathy Baerwald
- Mary Bauer
- Alexander Beyer
- Jenni Birkholz
- Dave Bittrich
- Stacy Brault
- Dale Burford
- Tony Colombari
- Tom Daly
- Dennis Daye
- Brianna Denk
- Kevin Devenport
- Phillip Ditter
- Shannon Dobbins Haydin
- Michelle Dupey
- Erik Ehrengren
- Mike Ellenbecker
- Robert Evangelisti
- Judy Fassbender
- Linda Fellenz
- James Fenstermacher
- Matt Frank
- John Goetze
- Ashley Gray
- George Gruetzmacher
- Jeff Grzeca
- Natasha Halageri
- Susan Handrick
- Lauren Harpke
- Lauren Harpke
- Arthur Harrington
- Kristin Hart
- Bryan Hartsook
- Cindy Haven

- Dave Henderson
- Tom Henning
- Grant Hetherington
- Maria Hill
- Kimberly Hoppe-Parr
- Dave Johnson
- Jessie Johnson
- Don Johnston
- Najoua Jouini
- Cory Katzban
- Melanie Klamar
- Cassidy Kuchenbecker
- Becky Lane
- Julie LaRose
- Renee Lesjak Bashel
- Joe Liello
- Kristi Linsmeier
- Jason Lowery
- John Lulewicz
- Jonathon Mader
- Jessica McCuskey Zahn
- Taryn McKnight
- Joseph Mentzer
- Dave Minkey
- Amy Minser
- Tony Montemurro
- Ray Moody
- Cheryl Moran
- Brad Mueller
- Jim Mueller
- Jeffrey Nettesheim
- Gayle Nicoll
- Kevin O'Brien
- Mary Oleson
- Todd Palmer
- JoAnna Peterson

- Ben Petrus
- Michael Prager
- Jeff Ramey
- Luis Ramos
- Mary Recktenwalt
- Tina Reese
- Patrick Rego
- Fred Ringle
- Issac Ross
- Mike Rossi
- Jill Schoen
- Matt Schroeder
- David Seitz
- Bill Selbig
- John Spahr
- Jon Stoffer
- Craig Summerfield
- Jeanne Tarvin
- Mark Thimke
- Matt Thompson
- Pete Tomasi
- Margaret Tyler
- Mike Ursin
- Meng Wang
- Heather Wattenbach
- Weston Wegener
- Brian Well
- Michael Wieczorek
- Edward Witte
- Pete Wood
- Melissa Yarrington
- Ken Yass
- Joshua Zaharias
- Paul Zovic

Sustainability Committee News

2021 Committee Summary

FET's Sustainability Committee entered 2021 at the same time Covid was entering its second year. One thing was readily apparent – good sustainability practices were a good preventative measure against many of the shocks to the system caused by the pandemic.

During 2021, the Sustainability Committee kept an eye towards current events to provide FET members with information to consider: conducting materiality assessments to gain a comprehensive view of corporate risks; striving for supply chain resiliency in the face of disrupted global trade routes; and engaging and retaining employees during the Great Resignation.

If you missed any of these topics, you can find them in previous FET newsletters.

January – materiality assessments

February – a case study when forming a sustainability committee

March - sustainability lessons from Covid-19

May – Green Masters Program & WI Sustainable Business Council

June – The SEC & Environmental, Social & Governance (ESG) Factors

July – Diversity, Equity & Inclusion (DEI)

August – Employee Engagement in Sustainability

October - Sustainable Options for Hazwaste Disposal

December - Next Generation Green Masters Program

In early 2021, the committee's inaugural professional development course on sustainability was launched. And as the world went, so did "Sustainability Makes Business Sense: Building a Program, Benefits & Opportunities," Feb. 9 & 16, 2021. Initially planned to be part of Environment 2020, Covid challenged all planned public in-person events and forced everyone online.

The Sustainability Committee has seen a great increase in participation from FET members during its monthly meetings, where business of the committee is always mixed in with a presentation on a relevant sustainability topic

As we look at 2021 in the rear-view mirror and enter 2022, the committee's eye is towards continued education and outreach, and making the case for sustainability in your business. Whether it's increasing DEI initiatives that gets and keeps talent or finding an environmentally-friendly alternative to our county landfills, we want to spread the word in future newsletter articles and presentations - and depending on Covid restrictions, by visiting Wisconsin businesses to see their sustainability ideas in action.

Newsletter articles, presentations, facility tours: we look forward to seeing you in 2022. If you have a sustainability topic of interest to you and want more information, join our monthly meetings and share your thoughts. Please contact John Gibbons, john.gibbons@tetratech.com, or Michelle Miller, mmiller@appvion.com for more information to join.

FET Sustainability Committee Meeting Minutes January 12, 2022 via Teams meeting

Attendees: John Gibbons, Jim Wagner, Michelle Miller, Helen May, Jason Martin, Mark Steinberg, Mike Schulte, Mark McDermid, Greg Gasper and Mary Ellen Mortensen.

Chairperson Gibbons called the meeting to order at 7:45 am.

John reviewed the November 10, 2021 meeting minutes with committee members, and the minutes were approved.

Committee members discussed our schedule for monthly Environotes articles, with the following updates identified:

- February 2022 edition Jim Wagner will prepare a recap of Committee activities / accomplishments during calendar year 2021.
- March 2022 edition Michelle Miller will write an article about Forest Industry Initiatives including Sustainable Forestry Programs.

Michelle will send committee members a copy of the 2021 Sustainability Survey that we sent to FET members last spring for review and updating. We are planning to send out an updated 2022 version of the survey to FET members in March, with feedback requested in April.

Sustainability Committee News continued from page 8

The answers to the 2022 survey will help our committee create FET member educational opportunities for the future, including possible modifications to the scope of the Sustainability Professional Development Course we had planned to present at the Environment 2021 Conference. We are now planning to present this material via a webinar in May. Mary Ellen will contact the FET office to obtain approval.

Helen suggested we consider sponsoring a facility tour or perhaps a "happy hour" for FET members sometime in the summer, Covid virus circumstances permitting. Several options were briefly discussed.

The balance of our meeting consisted of an overview of The Sustainability Consortium® (TSC), presented by Greg Gasper, Wisconsin Manufacturing Extension Partnership (WMEP) Environmental / Sustainability Program Director, and Mark McDermid. WMEP is a member of TSC. TSC is a global organization of diverse stakeholders working together to use the best sustainability science to help companies make the everyday products we use better and more sustainable. The TSC consists of more than 100 corporations, non-profits, and academic institutions from around the globe working to translate complex supply chain sustainability issues into innovation and actionable outcomes for the consumer goods industry. These members collectively market over 1700 brands and nearly \$1 trillion US dollars of consumer goods.

TSC members use a "Supply Shift" automated tool to gather and input information into a global reporting system framework called THESIS (The Sustainability Insight System). The THESIS framework consists of over 100 profiles for product or product categories and 671 key performance indicators (KPIs). Past and current retail users include Amazon, Walgreens, Sam's Club, Kroger and Walmart. A 9-step process is used to develop, publish, update and revise KPIs for various product categories and users. For an annual fee, THESIS license holders can take advantage of the following for up to 12 months:

- Pinpoint opportunities for market advantages through anonymized peer ranking insights
- Identify efficiency opportunities and unmanaged risks
- Receive tailored action recommendations
- Share results with all participating customers
- Access resources on supply chain impacts
- Access unlimited THESIS assessments

The Sustainability Consortium® is jointly administered by Arizona State University and the University of Arkansas with additional operations at Wageningen UR in the Netherlands and Tianjin, China.

Next meeting: **February 9, 2022 @7:45 am via Teams**Meeting adjourned at 8:30 am *Minutes submitted by Mark Steinberg*

Regulatory News and Updates

Entire State of Wisconsin Meets the Latest Sulfur Dioxide EPA Air Quality Standard

On January 12, 2022, the U.S. EPA approved a request by the Wisconsin DNR to redesignate the area around Rhinelander as "attainment" for the 2010 1-hour sulfur dioxide (SO2) National Ambient Air Quality Standard (NAAQS). This designation officially recognizes that the air quality in the Rhinelander area is meeting this health-based air quality standard. The EPA's announcement also means that all of Wisconsin is now meeting the 2010 SO2 NAAQS.

Sulfur dioxide (SO2) is an air pollutant regulated under both the federal Clean Air Act and Wisconsin state law. The largest source of SO2 in the atmosphere is the burning of fossil fuels by power plants and other industrial facilities. Exposure to SO2 can harm the human respiratory system and make breathing difficult. SO2 emissions can also damage foliage and crops, form acid rain, and increase haze.

The many actions taken to achieve this goal and include:

- attainment plan development
- revising facility operation conditions
- updating associated permits
- demonstrating attainment through stationary source modeling and operation of air quality monitors

From DNR Air News - for more information, visit https://dnr.wisconsin.gov/topic/AirQuality/News.html



Barbara's Buzz

Barbara Hurula, FET Executive Director

As FET celebrates 40 years, we honor our Members: past, present and future!

Here are some Fun Facts about the number 40:

- 1. *Forty* is the only number in English whose letters appear in alphabetical order.
- 2. Minus 40 degrees, or "40 below," is the only temperature that is the same in both Fahrenheit and Celsius.
- 3. There are **40 spaces** on a standard Monopoly board. Proving that life is a gamble, the game gives players equal odds (one in 40) of going directly to jail or winning the Free Parking space.
- 4. Forget "nine months"; a typical pregnancy actually lasts 40 weeks.
- 5. It took chemists 40 attempts to develop the magical spray we know as WD-40 (full name: Water Displacement, 40th formula).
- 6. In literature, 40 is the number of thieves Ali Baba clashes with in Arabian Nights.
- 7. **40** is the number of winks some suggest for taking a perfect nap.
- 8. Element 40 on the periodic table is zirconium. It is given the number 40 because it has 40 protons in its nucleus.
- 9. The standard American workweek is 40 hours.

And finally:

10. **When the bubonic plague** gripped Europe during the Middle Ages, ships would be isolated in harbor for 40 days before passengers could go ashore. The Italian word for 40 is *quaranta*—hence *quarantine*. We sure know about that word these days!

Members have been Asking . . . About the 2022 FET Conference

The Conference Committee is meeting this month to begin planning for the 2022 FET Annual Conference to be held in late October – we're currently finalizing the details with the hotel. We are accepting Papers at this time – check out topic suggestions and other details on page 2 of this newsletter. The deadline for submission is February 25th.

Late Winter/Early Spring = Busy time for FET

As outlined in this newsletter and on our website, we have a number of programs lined up for the coming months. Thanks to our active Chapter leaders and seminar chairs for coordinating these events for your benefit. Check out all the upcoming events and enhance your EHS knowledge.



Membership Minute

FET recognizes Professional Engineers (P.E.s) who are part of FET! We recognize you as part of National Engineering Week in mid-February. We're also pleased to offer Professional Ethics and other continuing education courses to satisfy your licensing requirements throughout the year. Thank you to the Professional Engineers for being a vital part of FET!

Employment Opportunities

Employment Available

Environmental Consultant - Air Quality: WEC Business Services, a subsidiary of WEC Energy Group, is seeking an Environment Consultant - Air Quality at our Milwaukee, WI location. A remote/hybrid work option is available with this position. This position is part of the Environmental Consultant job family. Experience will be the determining factor.

Job Summary: The Environment Consultant is the Subject Matter Expert for all compliance activities related to generating facilities and other combined reporting for the generating fleet. Tracks Federal and State air quality regulations. The Environment Consultant must be able to interface with all levels of management and represented personnel and be able to communicate effectively with internal and external customers, consultants and regulators. This position requires a sound overall knowledge of local, state and federal environmental regulations, and the utility industry.

Job Responsibilities

- Manage activities and company's position to support local, state and federal legislative and regulatory initiatives
- Provide environmental support on medium to large projects. Develop scope, overall technical design and project estimates, issue resolution and resource management
- Identify, implement, and maintain key performance and process metrics to evaluate the efficiency and effectiveness of the environmental processes, procedures, and contractors
- Lead the design, decision making and recommendation in environmental program design discussions Semiannual and annual compliance reporting
- Annual compliance certification
- Annual emission inventory reporting
- Quarterly excess emission reporting
- Compliance testing
- Operating permit and revisions
- Construction permits
- DNR audits
- Annual NSR reporting for major projects
- Monthly records verification for all permit related records
- Maintain and update the various compliance plans, including the Malfunction Prevention and Abatement Plan,
 Fugitive Dust Control Plan, Compliance Assurance Monitoring Plan
- Analyze and, if required, permit new projects as needed
- Support to facility day-to-day compliance and guidance
- SME for the new Weston RICE units
- Member of Emergency Incident Response Team

Minimum Experience Required:

- Bachelor's degree in Physical Sciences, Environmental Sciences, Engineering or related field is required.
- 2-4 years experience as an Associate Environmental Consultant or equivalent with demonstrated ability to perform the
 requirements of that position or some combination of an advanced degree in physical sciences, environmental sciences,
 engineering or related field and years of experience.

Preferred Qualifications:

- A strong technical understanding of government regulations, environmental science, or related field is preferred.
- Excellent computer skills, with working knowledge of Microsoft Office applications, are essential.

We reserve the right to modify the application deadline or discontinue accepting applications for any position if deemed necessary.

Learn more at Careers: https://careers.wecenergygroup.com/job/Milwaukee-Environmental-Consultant-Air-Quality-WI-53203/823919200/

WEC Energy Group and its subsidiaries are Equal Opportunity / Affirmative Action employers. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, protected veteran status or any other protected class. EEO/AA

Employment Available Continued from page 11

Environmental Engineer/Geologist/Hydrogeologist: GEI, an employee-owned consulting engineering and environmental firm, is seeking a full-time Environmental Engineer, Geologist or Hydrogeologist to perform a broad range of duties to support our environmental and engineering business lines, primarily in Wisconsin. Ideal candidates will have a B.S. or M.S. in Civil or Environmental Engineering, Geology, or Hydrogeology and 1 to 5 years of experience with completing Phase I Environmental Site Assessments; Spill Prevention, Control and Countermeasure Plans; construction and industrial Storm Water Pollution Prevention Plans; air, storm water, and wastewater permitting; hazardous material and toxic release inventories; remedial action field documentation; and/or sampling of groundwater, soil, soil vapor, and other environmental media. An E.I.T. is desirable and a P.E., P.G., or candidate with the ability to obtain such credential is a plus. Candidates willing to work from our Green Bay office are preferred but other arrangements in Wisconsin may also be considered.

http://jobs.ourcareerpages.com/job/664181?source=emailJobToAFriend

Environmental Compliance Specialist: Hydrite is looking for an Environmental Compliance Specialist based at our Cottage Grove, WI plant. Please reach out to Amanda Idzikowski with any questions, amanda.idzikowski@hydrite.com or 262-879-6257. Applications can be submitted through our website, www.hydrite.com/careers

WHO WE ARE

We are a company where **people matter**.

We are family driven.

We are financially strong.

And we are looking for problem-solvers to join our growing team.

OPPORTUNITY

The primary purpose of a Environmental Compliance Specialist is to manage the facility's day-to-day waste program to minimize safety and compliance risks. This position will perform and coordinate all necessary functions associated with waste management including transportation, treatment, storage, and disposal, training, recordkeeping and reporting. This individual will have a general understanding of solid and hazardous waste regulations and will provide technical and regulatory guidance regarding waste management activities.

As Environmental Compliance Specialist, primary responsibilities include:

- Maintain compliance with all local, state, and federal environmental permits, including but not limited to, RCRA Part B, stormwater, and air.
- Prepare and submit modification and renewal applications for permits and licenses including the RCRA Part B permit.
- Monitor and track all incoming and outgoing waste shipments, including the 10-day transfer facility.
- Develop and maintain positive working relationships with local, state, and federal regulatory agencies and outside vendors
- Provide technical and regulatory guidance to sales, operations, laboratory, maintenance, and other key stakeholders to ensure clear and consistent awareness and understanding of applicable compliance requirements.
- Develop waste profiles, land ban notifications, and waste manifests.
- Manage EPA's e-Manifest system and ensure discrepancies are addressed in a timely manner.
- Coordinate and conduct routine inspections to ensure compliance with hazardous waste and Spill Prevention, Control, and Countermeasure (SPCC) requirements and internal policies.
- Prepare and submit hazardous waste, solid waste, and other applicable environmental reports to local, state, and federal agencies in a timely manner.
- Coordinate and track routine compliance monitoring activities to ensure the proper data and information is being collected and documented.
- Investigate alternative waste management solutions to improve efficiency and reduce costs.
- Develop and maintain internal standard operating procedures.
- Lead customer and regulatory agency site visits / inspections.
- Conduct audits of third-party waste vendors.
- Participate in the investigation of environmental incidents and spills.
- Maintain awareness of changing regulations ensuring the facility's policies and training align with current laws and industry standards.
- Perform other duties and responsibilities as requested or required.

Employment Available Continued from page 12

REPORTING STRUCTURE

• This position reports to the Director of Engineering and Compliance

EXPERIENCE AND EDUCATIONAL CRITERIA

- Bachelor's degree in chemistry, environmental science, engineering, or other technical field is required.
- 2-3 years of RCRA part B permitting/compliance experience.
- Certified Hazardous Materials Manager (CHMM) certification preferred.
- Strong computer skills and knowledge of Power Point, Word, and Excel required.
- Must have communication and interpersonal skills, along with the ability to read, write, and speak English.
- Possess adequate skills to communicate with customers and plant personnel, and to prepare written reports and procedures.
- Must be detail-oriented, focused, and able to prioritize.

BENEFITS

Benefits and perks include 401k and profit sharing, medical/dental/vision/life insurance, paid time off, tuition reimbursement, adoption assistance, legal services insurance, scholarship awards for children of employees, summer picnic, community giving events, free family wellness coaching including nutritionist and fitness coach.

Environmental Sustainability Engineer

The Environmental & Sustainability Engineer will be responsible for environmental regulatory compliance for the Appvion Appleton campus. The Appleton campus includes headquarters, manufacturing operations, and two R&D facilities.

Specific Responsibilities:

- Assures compliance with all Federal, State, and Local Environmental Regulations, including but not limited to Air Quality, Land and Water Pollution Control, and Hazardous & Solid Waste Management.
- Maintain program-specific regulatory compliance schedules & obligations, including, facilitating completion of data records, recordkeeping, inspections, testing, reporting and permit renewal applications
- Monitor regulatory requirements/trends, conduct impact analyses, and implement programs to ensure compliance with both regulatory and internal standards
- Provide training and information necessary to ensure responsible personnel are aware of corporate and governmental environmental regulations and requirements
- Responsible for site ISO 14001 Environmental Management System
- Collect and maintain campus environmental sustainability data on energy, water, and waste
- Lead site environmental improvement projects to help meet company sustainability goals
- Investigate opportunities for improvement in resource usage reduction
- Assist with corporate sustainability initiatives and projects in supply chain, product development, and product stewardship.
- Assist with corporate sustainability communications such as Corporate ESG Report, internal sustainability newsletter, social media posts, and press releases.
- Assist with end-of-life product assessment and product life cycle analysis efforts
- Practice daily continuous improvement in all aspects of work, emphasizing problem solving and sharing with others

Required Prior Accomplishments, Experience, Skills

- Bachelor's Degree in Environmental, Engineering, Chemistry, or closely related technical science field.
- Preferred minimum of 1-3 years professional experience related to environmental engineering.
- Preferred experience with RCRA, CERCLA, SARA, TSCA, SPCC, SWPPP, AEI, MACT
- Experienced in manufacturing processes and general chemical knowledge as it pertains to Environmental Compliance issues
- High level of computer literacy, including data manipulation and database development.
- Evidence of leadership skills with the ability to influence and obtain results.
- Strong organizational skills with the ability to work on multiple projects simultaneously and prioritize as needed.
- Excellent written and verbal communication skills with the ability to interact with all levels of the organization.

If you have any questions. Please email recruiter@appvion.com

https://wd1.myworkdaysite.com/en-US/recruiting/appvion/Careers/job/Appleton-Plant/Environmental-Sustainability-Engineer_2021-71

FET Programs Available On-Demand

If you missed an FET Webinar or were unable to participate on the presenting date, you can access these webinar recordings and handouts. Contact FET at 262-437-1700 or email Julie at Julie@fetinc.org to purchase these programs on-demand.

• Annual Environmental Reporting Updates from January 2022: \$125 for members

Targeting Phosphorus Reduction in Urban Storm Water: \$55 for members

Sustainability Makes Business Sense: Building a Program, Benefits & Opportunities: \$90 for members

• **DNR Sustainable Development EDGE:** \$45 for members

• Hazardous Waste: \$55 for members

• PFAS Series 2021: \$199 for members for 3 sessions/ \$90 for each session

• EHS Primer: \$125 for members

Key Areas of Environmental Compliance: \$125 for members

• Updates on Water Issues: \$90 for members

Environmental Site Assessment Primer: \$45 for each session or \$90 for series for members

• **Green Tier/EMS:** \$55 for members



Comments from First time Attendees Orientation at the FET December Conference:

- Excellent turnout
- As a new consultant, this was helpful
- Very helpful
- Good intro

Employment Continued from page 13

Employment Desired

Seeking Internship/Summer Job: Hello, I am Brigita Hull and am currently in my third year studying environmental science, chemistry, and photography at Carroll University. Looking to explore possible career paths this summer, potentially even during winter break, that would allow me to be outside doing field work and get exposure to other environmental professionals. Ideal location is Northeast Wisconsin but flexible depending on opportunity. I'm interested in sustainability, conservation, glaciers, geology, hydrology, forestry, and labwork. Contact information: brigita.hull@me.com

<u> UW Whitewater Environmental & Safety Career Fair – February 16, 2022</u>

Looking for an Environmental (and/or Safety) intern or employee? You might wish to consider participating in the Spring 2022 UW Whitewater Occupational & Environmental Safety & Health (OESH) Career Fair.

The UWW OESH Career Fair takes place on Wednesday, February 16, 2022 in the UW Whitewater Community Engagement Center (Rooms 108 & 109) located on 1260 West Main Street in Whitewater, WI. Occupational Safety and Environmental Science students attend this Career Fair to learn about internships and full-time job opportunities.

If you are looking for someone, you may register now to reserve a table for your company to participate in the career fair using the following link (which contains additional details): https://app.joinhandshake.com/career-fairs/30261/employer-preview? token=PzvDNYrLA hrwAzerwYAfQOYP9c609hIzdvPzfNCEXzOYcSxc8QdyA

Please contact Bob Evangelisti at UW Whitewater (evangelr@uww.edu or 262-472-5423) with questions.

As of January 31, 2022

Membership Updates

These are new members & lapsed members who are rejoining FET. WELCOME!

Craig Everson

From the Hearth LLC

2201 W Southbranch Blvd, Oak Creek, WI 53154-

Phone: 262-720-1421, Fax: Email: eversoncraig@gmail.com

Becky Holt

Quad/Graphics, Inc

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Phone: 414-566-7670, Fax: Email: rholt@quad.com

Monica Piper

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Email: mpiper@milkspecialties.com

Aaron Stoddard

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William Hoerth

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Email: william.hoerth@amcor.com

Christopher Moore

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Phone: 715-735-8346, Fax:

Email: cmoore@chemdesign.com

Dan Stephan

Amcor

1616 Butterfield Rd, Mundelein, IL 60060-

Phone: 847-362-9000, Fax: Email: dan.stephan@amcor.com

Other Organization Events

Lift Truck Operator Training Program: February 23, Wisconsin Safety Council. For questions or detailed information, contact WSC at 608.258.3400 or wsc@wisafetycouncil.org

OSHA 10 hour Voluntary Course for General Industry: March 3 - 4, Wisconsin Safety Council. For questions or detailed information, contact WSC at 608.258.3400 or wsc@wisafetycouncil.org

OSHA 30 hour Voluntary Course for General Industry: March 7 - 10, Wisconsin Safety Council. For questions or detailed information, contact WSC at 608.258.3400 or wsc@wisafetycouncil.org

Underground Storage Tank Installer: March 8 & 9, Lakeshore Technical College. For questions or detailed information, call Wendy at 920.693.1167, or email wendy.holschbach@gotoltc.edu.

Aboveground Storage Tank Installer: March 9 & 10, Lakeshore Technical College. For questions or detailed information, call Wendy at 920.693.1167, or email wendy.holschbach@gotoltc.edu.

Wisconsin Safety Council Annual Conference: April 11 - 13, Wisconsin Dells. For questions or detailed information, contact WSC at 608.258.3400 or wsc@wisafetycouncil.org



Are you regularly following FET on social media on Facebook and LinkedIn?

Take a moment to *Like Us* by clicking those buttons and keep up to date on FET news in the community.



https://www.facebook.com/Federation-of-Environmental-Technologists-Inc-470962769623356/https://www.linkedin.com/company/fet---federation-of-environmental-technologists



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FET Patron Companies Receive a Discount!

Do you want to get your business noticed year-round? Increase exposure to potential customers?

Place Your Ad Here and on the FET Website!

Support you business and FET by placing an ad in the newsletter.

Two size/rates are offered: \$700 or \$400 for 12 months; call FET for special Patron member rates.

Ads will be featured on **WEBSITE** – **available 24/7** and the **MONTHLY NEWSLETTER**

FET reserves the right to accept or reject any ad placements.

Contact FET at julie@fetinc.org or 262-437-1700.

FET CHAPTER CONTACTS: 2021-2022

Northeast WI Chapter President

Matt Schroeder, Fehr-Graham mschroeder@fehr-graham.com 920-453-0700

South Central WI Chapter President Brenda Sargent, Madison Gas & Electric bsargent@mge.com 608-252-7281

Southeast WI Chapter President

Jeff Ramey, TRC Companies
jramey@trccompanies.com 414-294-9247

Western WI Chapter President Jill Schoen, Wisconsin DNR Jill.schoen@wisconsin.gov 715-839-2788

> WI CHMM Chapter President Michelle Dupey, 3M

mdupey@mmm.com 608-326-3022

EnviroNotes

The Newsletter of the Federation of Environmental Technologists, Inc.



Barbara Hurula, Executive Director

Inquiries, Manuscripts, Letters, Employment Ads, Calendar Listings, etc. should be addressed to:

FET, W175 N11081 Stonewood Dr. Suite 203 Germantown, WI 53022

262-437-1700 • Fax 262-437-1702

E-mail: info@fetinc.org Website: www.fetinc.org

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Industrial Wastewater Operator Training Program for Metal Finishing and Metal Molding & Casting

Sponsored by FET – Federation of Environmental Technologists, Inc. Kristi Linsmeier – Course Chair

3 Session In Person Course to be held Weekly on Wednesdays - March 16, March 23 and March 30, 2022

The Sigma Group, 1300 W Canal St, Milwaukee WI 53233

8:30 - 4:00 PM on March 16th • 8:30 - 5:00 PM on March 23rd • 8:30 - 12:30 PM on March 30th

Fee: \$500 FET Members / \$610 for Non-Members for the Full Course

The course is designed to familiarize operators and supervisors with the fundamentals of system operation, techniques utilized, and a working knowledge of industrial wastewater treatment systems; to prepare operators for the DNR's operator examination; and to broaden knowledge and provide DNR wastewater treatment operator continuing education hours.

Course Topics

- Course Introduction/Overview
- Regulatory Overview
- Basic Math and Chemistry
- Oily Waste Removal
- Control of Solvents/Toxic Organics
- Sludge Treatment and Disposal
- Basics of Treatment Batch vs. Continuous
- Neutralization
- Metals Removal
- Hexavalent Chrome Reduction

- Cyanide Destruction
- Sampling and Flow Measurement
- Wastewater Treatment Chemistry
- Operation and Maintenance
- Equipment and Instrumentation
- Safety and Health
- Recovery Technologies
- Pollution Prevention and Waste Minimization
- Example Calculations/ Problem Solving
- Preparation for the DNR Exam

Includes training materials and workbook.

This event contains 18 hours of technical contact time and may be eligible for ABIH CM, CHMM, CEUs and PE hours; DNR hours applied for

Registration Form for Industrial Wastewater Course – March 16, 23 and 30, 2022

Fee: \$500 FET Members / \$610 for Non-Members for the Full Course

FET Member	Non-Member	Join Now			
Name:		Company:			
Address:				Zip:	
Phone:	Email:				
Payment Options:	Check Enclosed	Please Invoice	Credit Card* (Mail/Fax/ Phone ONLY)		
Credit Card#:		Name on Card:	Exp. Date:	CVV:	

Reservations due by March 14, 2022. REGISTRATION OPTIONS: Mail this form to FET, W175N11081 Stonewood Dr Ste 203, Germantown, WI 53022; go to www.fetinc.org to register online; fax this form to 262-437-1702; or call 262-437-1700 for personal assistance. *IF PAYING BY CREDIT CARD, SUBMIT VIA MAIL/ FAX/ PHONE ONLY. Cancellations for refunds must be received by March 14, 2022. If you fail to attend and do not cancel, you are liable for the entire Registration fee. A substitute may be sent. Check payable to FET. Please call the FET office at 262-437-1700 or check the website at www.fetinc.org in the rare event that the course will be canceled due to bad weather or other emergency.

Federation of Environmental Technologists, Inc.

W175N11081 Stonewood Dr #203 Germantown, WI 53022 www.fetinc.org

FET, Inc.

Educating and Developing Excellence in Environmental Professionals

W175N11081 Stonewood Dr Suite 203 Germantown, WI 53022

PHONE: 262-437-1700

FAX: 262-437-1702

EMAIL: info@fetinc.org

See us on the Web www.fetinc.org



FET President

Troy Stucke: 262-268-2451

Executive Director

Barbara Hurula: 262-437-1700

Reminders!

Mark your Calendars for these Educational Offerings

Industrial Wastewater In Person Course

3 Parts:

Wednesdays, March 16, 23 and 30 Milwaukee, WI

Annual OSHA HazWoper In Person Seminar

Wednesday, April 27 Milwaukee, WI

On-Demand Webinars

See page 14 for a complete listing of webinars available, including the <u>Annual Environmental</u> <u>Reporting Updates</u> from January 2022.