



April 2018

# Air & Waste Management Association Lake Michigan States Section Newsletter<sup>®</sup>

**SAVE THE DATE**

## Upcoming Events

**April 17, 2018**  
**Environmental  
Breakfast Featuring  
Dr. Terry Mason, City  
of Chicago Dept. of  
Public Health**  
Union League Club  
8:00 - 10:00 a.m.

**April 17, 2018**  
**Mentor/YP  
Networking Reception**  
Boston Blackies  
5:00-7:00 p.m.

**May 15, 2018**  
**Environmental  
Breakfast Featuring  
David Kristovich,  
ISWS, Prairie Research  
Institute, University of  
Illinois**  
Union League Club  
8:00 - 10:00 a.m.

**May 23, 2018**  
**Annual Waste  
Conference**  
Union League Club  
8:00 a.m. - 5:00 p.m.

## 2018 Annual Waste Conference

**Wednesday, May 23, 2018**

**8:00 a.m. – 5:00 p.m.**

Union League Club  
65 W Jackson Blvd., Chicago, IL 60604

Please join us to explore and learn about the current state of critical issues related to a wide range of topics focused on managing waste materials.

The day will include opportunities to:

- Engage in discussion with U.S. EPA, Region 5 and State waste regulators;
- Get status updates regarding the implementation of recent regulations and policies and how they may impact your business;
- Hear success stories and cautionary tales; and
- Ask questions of regulators or your peers regarding your own waste management challenges as you network with attendees and speakers.

The conference will conclude with a networking reception that is open to attendees, A&WMA members, and their guests.

A&WMA has reserved space for exhibitors inside the main meeting room, where attendees will have the opportunity to learn about companies that support their waste management efforts.

*Continued on page 7*

# ENVIRONMENTAL BREAKFAST SERIES

Tuesday, April 17, 2018

## Cook County Department of Public Health and Lead Poisoning Challenges

***Terry Mason, MD, FACS***  
**Chief Operating Officer**  
**Cook County Department of Public Health**



Please join us for a joint breakfast meeting of the A&WMA Lake Michigan States Section and the Environmental Committee of the Union League Club on Tuesday, April 17th as **Dr. Terry Mason** provides information on the common sources of lead, explains the process of investigating an elevated lead level in a child, describes the remediation process and CCHHS' approach to improving remediation. Dr. Mason will also provide a brief overview of activities in the environmental section of the department and the syndromic surveillance system partnership with Johns Hopkins.

**Dr. Mason** was appointed the Chief Operating Officer of the Cook County Department of Public Health by the Honorable Toni Preckwinkle, President of the Cook County Board of Commissioners, in 2013 after serving more than three years as the Chief Medical Officer and six months as interim Chief Executive Officer for the Cook County Health and Hospitals System. The Cook County Department of Public Health is a state certified local public health department serving suburban Cook County including 125 local municipalities, covering a 700 square mile area, with a large urban population of approximately 2.3 million residents. As the COO, Dr. Mason provides leadership, fiscal responsibility, and performance based accountability in management. He is responsible for public health programs and services for one of the nation's largest metropolitan health departments, ranging from disease prevention, control and epidemiology; health statistics; health promotion; STD/HIV screening; emergency preparedness; and environmental licensing, inspections and complaints. Before joining the Cook County Health and Hospitals System and the Cook County Department of Public Health, he served as the Commissioner of Chicago Department of Public Health.

**TIME:** 8:00 a.m. Registration & Breakfast / 8:30 a.m. Welcome & Introductions / 8:45 – 9:45 a.m. Program and Q&A

**LOCATION:** Union League Club, 65 W. Jackson Blvd., Chicago, IL

**COST:** The cost to attend for non-Union League Club members is \$40 per person which includes breakfast and any presentation handouts. Students are invited to join us at a special price of \$20 per person.

**RSVP:** Reservations can be made on-line for non-Union League Club members at:

<https://events.r20.constantcontact.com/register/eventReg?oeidk=a07ef8862az9e8d6b92&oseq=&c=&ch=>

Union League Club members should contact ULC to make their reservations.

**CREDIT:** Attendees are eligible to receive Continuing Legal Education (CLE) or Professional Development Hours (PDH) credit.

## MENTORSHIP / YOUNG PROFESSIONALS

**Tuesday, April 17, 2018**  
**5:00 - 7:00 p.m.**

### **A&WMA-LMSS Mentorship Kickoff Happy Hour**

*Boston Blackies*

120 S Riverside Plaza, Chicago, IL 60606

You are cordially invited to join the A&WMA Lake Michigan States Section on April 17<sup>th</sup> for a Mentor/YP Networking Reception!

This is an opportunity to meet fellow Young Professionals as well as established environmental professionals who are willing to help guide and mentor. Not sure what A&WMA Lake Michigan States Section has to offer you – join us to find out.

A&WMA seeks to help Young Professionals as they enter the work force and begin practicing in the environmental industry in the Chicago area. Many of our established members have volunteered their time and considerable expertise to serve as formal Mentors in our Mentorship Program. This reception is our way of saying thank you to all who have participated and encouraging new Young Professionals to become engaged with our organization and with the Mentoring Program.

There is no cost to attend the reception, but we do ask that you RSVP to [Robin.Pelsis@LMAWMA.org](mailto:Robin.Pelsis@LMAWMA.org) so we have an accurate count of attendees. We look forward to seeing you there and celebrating with all of you!

## MAY ENVIRONMENTAL BREAKFAST

**Tuesday, May 15, 2018**

### **Potential Impacts of Climate Change on Water Resources**

*David A. Kristovich, PhD*

Head, Climate and Atmospheric Science Section  
ISWS, Prairie Research Institute, University of Illinois

Plan on joining us for a joint breakfast meeting of the A&WMA Lake Michigan States Section and the Environmental Committee of the Union League Club on Tuesday, May 15<sup>th</sup> as *David Kristovich, PhD* provides information on the Potential Impacts of Climate Change on Water Resources. Full information and registration will be distributed shortly. Watch your emails.

# EPA'S NEW NSR GUIDANCE ON PROJECTED FUTURE EMISSIONS

## 5 points to remember before relying on the EPA's new NSR guidance on projected future emissions

By Eric Boyd, Thompson Coburn LLP

On December 7, 2017, EPA Administrator Scott Pruitt issued a memorandum entitled, "New Source Review Preconstruction Permitting Requirements: Enforceability and Use of the Actual-to-Projected-Actual Applicability Test in Determining Major Modification Applicability" ("2017 NSR Guidance").

The purpose of the 2017 NSR Guidance is to present the new Administration's "intended approach" regarding enforcement of the New Source Review ("NSR") regulations in light of two confusing opinions from the Sixth Circuit regarding the 2002 NSR reforms.[1] The 2017 NSR Guidance is the first action following the EPA's previously announced decision to review and "streamline" the NSR regulations.

But, as we detail below, at this time the 2017 NSR Guidance is just that — guidance. It could be changed or reformed, and a number of other factors will continue to affect EPA and local enforcement in this area. In this article, we describe five key points your organization should keep in mind as you review the new guidance.

### Background

The reforms adopted by the EPA in 2002 regarding what modifications at existing major sources "trigger" the Non-Attainment New Source Review ("Non-Attainment NSR") and Prevention of Significant Deterioration ("PSD") pre-construction programs (collectively "NSR") provided sources with new avenues to avoid the stringent consequences of triggering NSR. The 2002 reforms included, for instance, a new way to determine past-actual, or "baseline," emissions and a new approach allowing a source to compare past emissions to projected-actual emissions when determining whether a project will result in a modification triggering NSR ("projected-actual test"). Under the 2002 reforms, a source need not obtain a permit for a project that did not trigger the NSR requirements unless a permit was already required by the relevant state.

The 2017 NSR Guidance clarifies two points with respect to using the projected-actual test.[2]

First, the 2017 NSR Guidance explains that, "the intent of an owner or operator to manage emissions from a unit . . . after a project is completed represents relevant information in the context of projecting future emissions from that unit." This interpretation is based on the explicit language of the regulations that projections of future emissions must consider "all relevant information." 40 C.F.R. § 52.21(b)(41)(ii)(a). Second, the 2017 NSR Guidance explains:

*When a source owner or operator performs a pre-project NSR applicability analysis in accordance with the calculation procedures in the regulations, and follows the applicable recordkeeping and notification requirements in the regulations, that owner or operator has met the pre-project source obligations of the regulations, unless there is clear error (e.g. the source applies the wrong significance threshold). The EPA does not intend to substitute its judgement for that of the owner or operator by "second guessing" the owner or operator's emissions projections.*

According to the 2017 NSR Guidance, this interpretation is supported by the "key objective" of the 2002 NSR reforms "to avoid the need for permitting authority review of NSR applicability determinations prior to implementation of a project."

### 5 points to remember

Although the clarifications provided in the 2017 NSR Guidance are helpful, relying on the projected-actual test is still not without its risks. Sources should keep in mind five points before relying on the past actual-to-projected-actual applicability test.

*Continued on page 5.*

# EPA'S NEW NSR GUIDANCE ON PROJECTED FUTURE EMISSIONS (con't.)

1. The application of the past-actual to future projected-actual emissions test must be done correctly.

The 2017 NSR Guidance explains that the EPA will not second guess a source's emissions projections unless there is clear error. What constitutes "clear error," however, is unclear. The 2017 NSR Guidance mentions applying the wrong significance threshold, but obvious math errors will also undoubtedly constitute "clear error."

In addition, because sources may exclude future increases in emissions from the projected-actual calculations based on unrelated increases in demand (i.e., "Demand Growth"), the EPA may also consider highly speculative predictions that emissions increases are related to Demand Growth and are unrelated to the project to be in "clear error." Even though sources are only required by the regulations to keep records for certain projects with the "reasonable possibility" to trigger the Non-Attainment NSR/PSD thresholds, keeping good records related to all past-actual to future projected-actual emissions analyses is a good idea (especially given that sources will likely need to track future actual emissions related to multiple projects at the same time).

2. The real issue is what happens if future actual emissions resulting from the project exceed the NSR/PSD threshold.

The 2017 NSR Guidance states, "[T]he EPA does not presently intend to initiate enforcement in such future situations unless post-project actual emissions data indicate that a significant emissions increase or a significant net emissions increase did in fact occur." (Emphasis added.) The 2017 NSR Guidance points to the explicit language of 40 C.F.R. § 52.21(a)(2)(iv)(b) to support this position. If a source's pre-construction projection that actual emissions will remain below the relevant significance levels is wrong, therefore, the source will still be subject to future enforcement. The significant penalties and injunctive relief that the EPA may seek against sources that trigger NSR by making a wrong prediction about future emissions remains a strong reason to get the projections right in the first instance.

3. States and citizen groups may be more stringent than EPA.

The 2017 NSR Guidance only reflects EPA's "intended approach" regarding enforcement of the EPA's NSR regulations (and approved state regulations that reflect those rules). Some states never adopted the 2002 NSR reforms or adopted regulations that are more stringent than what the EPA adopted. In addition, some states may have a different view than the current Administration regarding whether to pursue violations of the projected-actual emissions regulations. Finally, citizens' groups may also bring citizen suits alleging violations of the NSR requirements using interpretations of the regulations that differ from those of the EPA.

4. Even if a project is projected to result in an increase in actual emissions, it still may not trigger NSR.

The PSD rules apply to the construction of any new major stationary source or the major modification of any existing major stationary source in an attainment area. 40 C.F.R. § 52.21(a)(2)(i)–(iii). A "major modification" includes any physical change in or change in the method of operation of a source unless subject to a specific exemption (such as for routine maintenance, repair and replacement ("RMRR") projects). 40 C.F.R. § 52.21(b)(2)(iii).

As described at 40 C.F.R. § 52.21(a)(2)(iv)(a), a "major modification" must also result in two types of emissions increases:

- A significant emissions increase (as defined in paragraph (b)(40) of this section), and
- A significant net emissions increase (as defined in paragraphs (b)(3) and (b)(23) of this section).

If a project is subject to the RMRR exemption, for instance, then whether the project results in a significant emissions increase or a significant net emissions increase is irrelevant. However, because the RMRR determination is based on a fact-specific, case-by-case analysis

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# EPA'S NEW NSR GUIDANCE ON PROJECTED FUTURE EMISSIONS (con't.)

(considering the nature, extent, purpose (e.g., life extension), cost, and frequency) that may later be challenged by the EPA or a state agency, care should be taken when relying on the RMRR exemption.

5. The 2017 NSR Guidance is still just guidance.

By its own terms, the 2017 NSR Guidance is neither a rule nor "final agency action." It may, therefore, be revised as the Administration continues to review the NSR reforms or be changed by future administrations.

More importantly, the 2017 NSR Guidance cannot abrogate the clear language of the Clean Air Act or the relevant regulations. For instance, the 2017 NSR Guidance mentions in several places that it can be used with respect to determining whether both a significant emissions increase and a significant net emissions increase occur. The past-actual to future-projected test for determining PSD applicability, however, is used only to determine whether a significant emissions increase occurs. 40 C.F.R. § 52.21(a)(2)(iv)(c). If other

contemporaneous emissions decreases are the basis for arguing that a project does not result in a significant net emissions increase, then obtaining a federally enforceable permit will still likely be necessary. 40 C.F.R. § 52.21(b)(3)(i).

[1] On December 11, 2017, the Supreme Court allowed the Sixth Circuit's most recent ruling to stand without comment.

[2] The 2017 NSR Guidance refers to the federal PSD regulations at 40 C.F.R. Part 52 while acknowledging that other NSR regulations "contain analogous definitions and requirements." This memo, therefore, also only refers to 40 C.F.R. Part 52.

If you have questions regarding this article or the NSR Guidance, please contact Eric Boyd in Thompson Coburn's environmental practice area at [EBoyd@thompsoncoburn.com](mailto:EBoyd@thompsoncoburn.com).

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## STEPHEN ROTHBLATT SCHOLARSHIP

Do you know an environmental graduate student? If so, make sure to share this information about the Stephen H. Rothblatt Scholarship. For the eighth consecutive year, the Air & Waste Management Association Lake Michigan States Section (A&WMA-LMSS) will be awarding a graduate student scholarship in memory of Mr. Stephen H. Rothblatt. Mr. Rothblatt was a longtime supporter and contributor to the A&WMA-LMSS, including serving as Chairman of the Board from 1987-1988. In his professional capacity, Mr. Rothblatt was the Director of the Air and Radiation Division at U.S. Environmental Protection Agency, Region 5, in Chicago, Illinois.

This year, A&WMA-LMSS will be awarding one scholarship for the 2018/2019 academic year to a graduate student studying in the field of environmental studies at an institution of higher learning located within the service region of the A&WMA-LMSS. The scholarship will be valued at \$1,500.00. This could include students studying in the department of environmental engineering, environmental science, meteorology, geology, etc. The goal of the scholarship is to ensure adequate human resources and to improve knowledge and skills in the fields of air and waste management. We are currently seeking applicants for this scholarship.

Please share this scholarship opportunity with your environmental graduate students. Application information can be found on our website at <http://www.lmawma.org>.

# 2018 WASTE CONFERENCE AGENDA

## WEDNESDAY, MAY 23, 2018

7:30 a.m. – 8:00 a.m.

**Registration, Continental Breakfast,  
Exhibits & Networking**

8:00 a.m. – 8:15 a.m.

**Welcome**

**Christina Landgraf**, *BP America Inc.*  
Chair, A&WMA Lake Michigan States Section

**Kathy Doyle**, *Relief EHS, LLC*  
Conference Co-Chair

### KEYNOTE ADDRESS

8:15 a.m. – 9:00 a.m.

**Adina Renee Adler**  
Senior Director for  
International Affairs  
*The Institute for Scrap  
Recycling Industries  
(ISRI)*



ISRI is the “Voice of the Recycling Industry™” with 21 chapters representing 1,300 companies operating in nearly 4,000 locations in the U.S. and 34 countries worldwide that process, broker, and consume scrap commodities including metals, paper, plastics, glass, rubber, electronics, and textiles. With headquarters in Washington, DC, ISRI provides education, advocacy, safety and compliance training, and promotes public awareness of the vital role recycling plays in the U.S. economy, global trade, the environment and sustainable development. Generating more than \$105 billion annually in U.S. economic activity, the scrap recycling industry provides nearly half a million Americans with good jobs.

9:00 a.m. – 9:15 a.m.

**Break and Exhibit Viewing**

### SESSION I

9:15 a.m. – 11:00 a.m.

### WASTE and REMEDIATION MANAGEMENT TRENDS

Recycling and landfilling continue to be hot topics as one-world environmental awareness grows. How will Clean Construction Demolition Debris facilities, having been found to be adversely impacting groundwater, be addressed? How are incoming waste streams, recycling outlets, and manifest tracking systems changing? These are just two of the issues that will be addressed by our panel of experts.

Co-Moderators: **Andy Perdue**  
*Weaver Consultants Group*

**Allen Peterson**  
*Peterson Engineering*

Speakers:

**Kyle Rominger**  
Deputy Chief  
Bureau of Land  
*Illinois EPA*



**Cliff L. Rothenstein**,  
Government Affairs Advisor  
*K&L Gates, LLP*

**Republic Services** (Invited)

**Chris Greco**  
Portfolio Manager Downstream/AE  
Remediation Management  
*BP America Inc.*

**Tom Crosetto**  
Environmental Protection Specialist  
Electronic Manifesting  
*U.S. EPA, Region 5*

# 2018 WASTE CONFERENCE AGENDA

## WEDNESDAY, MAY 23, 2018

11:00 a.m. – 11:30 a.m.

**Morning Break and Exhibit Viewing**

### LUNCHEON

11:30 a.m. – 1:15 p.m.

Moderator: **Lawrence Falbe**, Principal  
*Miller, Canfield, Paddock  
and Stone, P.L.C.*

Speakers:

**Kurt Thiede**

Chief of Staff

*U.S. EPA, Region 5*



**Kurt Thiede**, Chief of Staff, U.S. EPA, Region 5 will provide an overview of Region 5's policies and priorities under new Regional Administrator, Cathy Stepp.

**Albert ("Kell") Kelly**

Chairman, Superfund Task Force  
*U.S. EPA*



**Albert Kelly**, former chairman of SpiritBank and now a senior adviser to U.S. EPA Administrator, *E. Scott Pruitt*, leads the Superfund Task Force which was commissioned on May 22, 2017, and includes leaders from EPA's Office of Land and Emergency Management, Office of Enforcement and Compliance Assurance, Office of General Counsel, EPA Region 3 (as the lead region for the Superfund program), as well as other offices.

### SESSION II

1:15 p.m. – 2:45 p.m.

#### STATE REGULATORY AGENCY PANEL

Moderator: **Kathy Doyle**, Managing Director  
*Relief EHS*

Regulators from Region 5 states will provide updates on current issues, pending initiatives or regulations and priorities. This session will feature an extended Q&A session.

Speakers:

**Edward Clements**

Environmental Engineer

Compliance & Technical

Assistance Program

*Indiana Department of Environmental  
Management*

**Jack Schinderle**, Director

Waste Management and

Radiological Protection Division

*Michigan DEQ*



**Andrea Keller**

Hazardous Waste Section Chief

*Wisconsin Department of Natural Resources*

**Kyle Rominger**

Deputy Chief

Bureau of Land

*Illinois EPA*



2:45 p.m. – 3:00 p.m.

**Afternoon Break and Exhibit Viewing**

Make sure to take the opportunity to stop and visit the numerous exhibitors to learn how they can help you. We are confident you will find leading edge information on a variety of products and services.

# 2018 WASTE CONFERENCE AGENDA

## WEDNESDAY, MAY 23, 2018

### SESSION III

3:00 p.m. – 4:00 p.m.

#### ROUNDTABLE – CLIENT/ ATTORNEY/CONSULTANT

Moderator: **Andrew Dorn**  
Environmental Engineer  
EDI

This roundtable will explore the frequent tension created by overlapping and conflicting roles of clients, consultants, insurers, and attorneys in protecting the best interests of the company in various situations such as due diligence, remediation, compliance, and enforcement.

Speakers:

**Andrew N. Sawula**, Partner  
Schiff Hardin LLP

**Atha Islek**, Senior Vice President  
**Ashli Knights**, Vice President  
Environmental Practice  
Marsh Insurance

**Mark Knight**  
Program Manager  
Environmental Services  
SIA Solutions, LLC



Corporate Industry Speaker (Invited)

### SESSION IV

4:00 p.m. – 4:45 p.m.

#### EPA UNDER THE TRUMP ADMINISTRATION

Moderator: **Ann Zwick**, Senior Counsel  
Freeborn & Peters LLP

The Trump Administration promised vast changes to the EPA and environmental policy. This panel provides a scorecard on the policy changes, regulations eliminated, penalties collected, and enforcement actions pursued, and discusses whether these changes have had an effect on the environment. We also present a real-world perspective from a leading food company on engagement with EPA under the new administration and how that company continues to adhere to principles of self-governance to grow sustainability.

Speakers:

**Kevin Igli**  
Senior Vice President and  
Chief Environmental Officer  
Tyson Foods, Inc.



**Phillip Comella**  
Partner  
Freeborn & Peters LLP



### CONCLUDING REMARKS

4:45 p.m. – 5:00 p.m.

#### CONFERENCE WRAP-UP

Moderator: **David Rieser**, K&L Gates, LLP  
Conference Co-Chair

### NETWORKING RECEPTION

5:00 pm – 6:30 pm

**Networking Reception and Exhibit Viewing**

# 2018 WASTE CONFERENCE REGISTRATION

NAME: \_\_\_\_\_

COMPANY: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ ST \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_

E-MAIL: \_\_\_\_\_

<input type="checkbox"/> Waste Conference Registration	Advance Rate	After April 23, 2018
Members	\$375	\$450
Non-Members*	\$445	\$520
Government Employee	\$250	\$250
Young Professionals (under 35)	\$200	\$200
Students	\$100	\$100
Exhibitor	\$550	\$550
Exhibitor – 2 <sup>nd</sup> Person	\$250	\$250

**Discounts:** Contact Robin Pelsis for discount (847-202-0418 / robin.pelsis@lmawma.org)

- **Bring a YP to Work** – register a Young Professional (35 and younger) from your company to attend with you and we'll reduce your registration fee by \$25.
- **Group Discount** – register 5 or more people from your company to take advantage of a 10% discount on registrations.

I would like a vegetarian lunch

Printed Conference Handbook ..... \$20

*An electronic version of the conference handbook will be emailed to attendees 48 hours prior to the conference free of charge. **Printed copies of the conference handbook are available for a \$20 fee.***

Parking ..... \$28

*Discounted parking is available for conference attendees at the parking garage located at 318 S. Federal, Chicago*

Continuing Legal Education (CLE) Certificate ..... \$25

*Certificates will be issued upon approval of the conference by the MCLE following the event*

Networking Reception Only (for those not attending the conference) ..... \$100

*\*Non-members receive a one-year local associate membership with the A&WMA-Lake Michigan States Section free with purchase (\$50 value)*

*A limited number of scholarships are available for those who require CLE credit to maintain professional registration (such as attorneys, professional engineers and professional geologists) who could not otherwise afford to attend this conference. Please contact Robin Pelsis at (847) 202-0418 or robin.pelsis@LMAWMA.org for more details. There are also a limited number of government scholarships available to government employees who cannot obtain funding from their agency to attend.*

Payment via:  check (made payable to A&WMA-LMSS)  Visa  Mastercard  American Express

Credit Card # \_\_\_\_\_ Exp. Date: \_\_\_\_\_ CVS #: \_\_\_\_\_

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*Cancellations will be accepted until May 11, 2018 for a refund minus a \$75 cancellation fee. Substitutions may be made at any time. After May 11, 2018, we will no longer be able to issue any refunds, but conference handouts will be mailed if requested.*

**To register** - email to: [robin.pelsis@LMAWMA.org](mailto:robin.pelsis@LMAWMA.org) mail to: A&WMA-LMSS, 11 W Pleasant Hill Blvd., Palatine, IL 60067

## HELP WANTED



If you have interest in any of the following career opportunities at our corporate office in Elmhurst, IL, please email us at [HR@mp-mail.com](mailto:HR@mp-mail.com).

### Air Emissions Testing

- Experienced and Entry Level Personnel

### Continuous Emissions Monitoring

- Field Service Technicians and Instrument Repair
- Data Acquisition and Handling Systems
- Predictive and Parametric Monitoring

### Environmental Assessments

- Phase I/Phase II Projects
- Mergers and Acquisitions Evaluations
- TACO, RCRA, LUST, & SRP Experience
- Asbestos and Lead Inspectors
- Wetlands

### Permitting and Consulting

- New Source Review, Title V and FESOP
- Multi Media Permitting
- Dispersion Modeling

### Compliance Management

- Compliance Management System Development and Implementation
- EHS Auditing and Consulting
- On-Site Services
- OSHA and Training

### Acoustical Consulting

- Acoustical Modeling and Testing
- Noise Complaint Investigations
- Occupational Noise Exposure Testing
- Hearing Conservation Programs



Illinois Sustainable Technology Center  
PRAIRIE RESEARCH INSTITUTE

University of Illinois - Prairie Research Institute (PRI) has a number of available positions. Check out the PRI website (<https://blogs.illinois.edu/view/7426>) for additional information.

## 2018 LMSS BOARD OF DIRECTORS

<b>Chair:</b>	<b>Christina Landgraf</b> BP America Inc. <a href="mailto:christina.landgraf@bp.com">christina.landgraf@bp.com</a>
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	<b>David Ozawa</b> Mostardi Platt <a href="mailto:dozawa@mp-mail.com">dozawa@mp-mail.com</a>
	<b>Ann Zwick</b> Freeborn & Peters <a href="mailto:azwick@freeborn.com">azwick@freeborn.com</a>