

## MONDAY, OCTOBER 14, 2019

**7:00 - 8:00 AM | Registration + Breakfast**

**8:00 - 9:10 AM | Joint Session**

**MINNEAPOLIS BOMB SQUAD PROTOCOL & LITHIUM BATTERY HAZARDS**

*SGT. Thomas Subject, Minneapolis Bomb Squad*

*Tim Warren, Call2Recycle*

Please join us to hear about where the Minneapolis Bomb Squad fits into emergency response and what types of services and techniques they enlist in responding to events involving explosives to unstable chemicals. Also hear from Call2Recycle about the challenges of managing and recycling lithium batteries in the solid waste industry.

**9:15 AM - 12:15 PM | Solid Waste + Hazardous Waste Tours**

**RANDY'S ENVIRONMENTAL SERVICES FACILITY (Solid Waste)**

*Ryan Fogelman, VP of Strategic Partnerships, Fire Rover*

The Randy's Environmental Services facility tour will provide attendees a firsthand understanding of the transfer station operation. Of particular note on the tour, attendees will see the new "Fire Rover" technology that was recently installed at the facility to help prevent tipping floor fires which are occurring more frequently at facilities across the US as a result of an increase in lithium batteries in the waste and their associated propensity to cause fires.

**U OF M'S FAY THOMPSON CENTER FOR ENVIRONMENTAL MANAGEMENT FACILITY TOUR (Haz. Waste)**

Please join us for a tour of the University of Minnesota's Fay Thompson Center for Environmental Management Facility which receives and manages hazardous, radioactive, infectious and non hazardous industrial waste from 51 University locations across the University of Minnesota and more than 200 MNSCU locations.

**9:15 - 10:15 AM | Recycling Session 1**

**LEGISLATIVE UPDATE**

*Rick Hansen, Minnesota House of Representatives*

Representative Rick Hansen and other legislators will form a panel to summarize environmental legislation with a specific focus on solid waste and recycling issues from the 2019 Legislative session.

**10:15 - 10:30 AM | Break**



# DETAILED AGENDA

## 10:30 - 11:30 AM | Recycling Session 2

### **MN RECYCLING MARKETS PANEL**

*Tom Weber, Avon Plastics*

*Neil Satterness, Northern Metals*

*Dan VanKorn, Strategic Glass*

*Peg Wander, Liberty Paper*

Hear from these Minnesota companies who provide direct local markets for Minnesota MRFs and others about the challenges they face and the opportunities they present.

## 11:30 AM - 12:15 PM | Recycling Session 3

### **MINNESOTA RECYCLING OUTREACH GUIDE-REC**

*Kayla Walsh, MPCA*

The Recycling Education Committee is proud to present their first Recycling Outreach Guide. This document is available to recycling educators including cities, counties, MRFs, and haulers statewide. The guide details recyclability by material type (metal, paper, plastic, etc) and even has a handy FAQ section. We'll walk through the guide, how it came to fruition, and how it can be utilized in any recycling program to improve recycling across the state.

### **MINNESOTA RECYCLING EDUCATION PROGRAMS**

*Alita Kane, The Recycling Partnership*

Combining The Recycling Partnership's contamination-fighting tools and creative approaches, with the newly developed statewide messaging available to MN communities for a one-two punch on improving material quality. The team will showcase a wide range of new resources, including top-issue videos and a campaign builder tool that will allow communities to create customizable campaign materials.

## 12:15 - 1:00 PM | Lunch

## 1:00 - 2:00 PM | Join Session

### **SUSTAINABLE PRACTICES IN HEALTHCARE**

*Dana Slade, Sustainability Director, HealthPartners*

*Samantha McKeough, Sustainability Consultant*

HealthPartners generates every kind of waste you can imagine. From lab solvents and radioactive materials to food waste, diapers, recyclables and reusables. They manage all of it through their sustainability programs under the guidance of Dana Slade and the sustainability teams at HealthPartners. Join Slade and McKeough, as they present on HealthPartners' award winning sustainability program with a focus on their waste minimization efforts.

**2:00 - 2:15 PM | Break**

**2:15 - 3:10 PM | Breakout Sessions 4**  
**INFRASTRUCTURE INNOVATIONS (Recycling)**

*Jon Steiner, Polk County*

*Andrew Tri, MN DNR Wildlife*

*Beau Sullivan, Rehrig Companies*

Northwest Minnesota MRF and program improvements. Major new processing infrastructure installed at Fosston and partnering locations serving Polk, Beltrami, Hubbard and Clearwater Counties. Thwarting animal marauders in solid waste, recycling and organics collection sites at state campgrounds and other recreational sites. Hear about the new recycling /garbage carts designed to foil determined forest friends.

**CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL RULE CHANGE (Solid Waste)**

*\*John Helmers, Executive Director, SWA*

*Cami Van Abel, PE, Terracon*

*Bart Schultz, Houston Engineering*

*Doug Morris, Crow Wing County*

This will be a panel discussion regarding the proposed rule change to require a composite liner in construction and demolition debris landfills in Minnesota. The panel discussion will be moderated by John Helmers, Executive Director of the Solid Waste Administrators Association.

**CHANGE MANAGEMENT IN A LARGE SCALE HOSPITAL (Hazardous Waste)**

*Ray Gladkowski, CHMM, Mayo Clinic*

The new EPA/RCRA Part 266 Subpart P regulations change the way hazardous waste pharmaceuticals are handled in the healthcare industry. With this change or any changes, change management techniques must be implemented throughout the facility to get users to buy-in and follow the new regulations. In this presentation, we will talk about the new rules, some of the hurdles that will be encountered, how a larger scale hospital can implement new regulations by using change management techniques to promote sustainability and be a positive influence in our stewardship.

**3:15 - 4:15 PM | Breakout Sessions 5**

**TREND SETTING IN RECOVERY - FROM MRF TO MARKET: A CARTON PERSPECTIVE (Recycling)**

*Bill Keegan, Dem-Con*

*Jon Gertsmeier, Head of Enterprise Sales, Midwest, AMP Robotics*

*Mark Bond, Sustana Fiber*

Programs with commitments to recycling, limiting program changes by keeping materials with end markets in the recycling stream, and adoption of innovative technology continues to thrive in these challenging times. Join us for a panel that represents three different perspectives from the recycling value chain to offer understanding about how materials such as cartons are a positive asset to a recycling program; that there is demand and value from end markets; and technology solutions are available to assist, not only with cartons, but other commodities to increase efficiencies in recycling facilities and reduce contamination.

\*denotes moderator for that session



## **CHRONIC WASTING DISEASE (Solid Waste)**

*Cory Anderson, University of Minnesota*

*Michelle Carstensen, Minnesota Department of Natural Resources*

Management of deer carcasses is a growing concern and challenge in the state, region, and across the US. During this session, attendees will learn about the problem, what we know about what the causes are, how it's transferred being deer, and current best practices for managing the carcasses.

## **COMPLIANCE RESOURCES & GUIDANCE (Hazardous Waste Track)**

*Josh Burman, MPCA*

Please join us to find out more about recent and upcoming changes in State and Federal Hazardous Waste Requirements along with updates regarding MPCA compliance resources.

**4:30 - 6:00 PM | Welcome Reception sponsored by Fire Rover - FREE!**

**6:00 - 8:00 PM | Dinner + Awards with special guest speaker**

*Mike Harley, Executive Director, Environmental Initiative*

At Environmental Initiative, we believe we are better together, that to create lasting solutions for Minnesota's environmental challenges, we need to work collaboratively. For over a quarter-century, we've effectively brought together stakeholders from the public, private and nonprofit sectors to achieve amazing results. We've also believe that there is not an environmental issue that is not also an issue of economic vitality or social equity, and that those most impacted have long been excluded from decision making - including our processes. Environmental Initiative CEO Mike Harley will discuss how we've come to better understand that centering equity in our work is vital to ensuring the most impactful environmental outcomes and what we've done as an organization to equip ourselves to ensure considerations of equity are embedded in everything we do.

## **TUESDAY, OCTOBER 15, 2019**

**7:00 - 8:00 AM | Registration + Breakfast with Exhibitors**

**8:00 - 9:15 AM | Plenary: Economics, Markets & Contamination - Looking Forward for Recycling**

*\*Bill Keegan, Dem-Con*

*Lisa Skumatz, Economist, SERA*

*Steve Riedel, Minnesota State Trade Office*

*Becky Richert, SuperValu Waste and Recycling Manager – Facilities, Energy and Environmental*

The panel will discuss global actions that are forcing US programs and processors to look for near- and long-term solutions to reduce contamination and return recycling industry to one that creates products that can be realistically used as production inputs. First hand examples of new manufacturing and collection methods from Sweden and Minnesota and a look at national hurdles for collection in major retail operations.

\*denotes moderator for that session



# DETAILED AGENDA

## 9:15 - 9:45 AM | Break with Exhibitors

## 9:45 - 10:45 AM | Keynote Address

### **COLLABORATING TO MEET MINNESOTA'S ENVIRONMENTAL CHALLENGES**

*MPCA Commissioner, Laura Bishop*

The new MPCA Commissioner will share her perspectives and direction for the agency, address ongoing initiatives to work with communities and stakeholders to solve pressing environmental challenges for the State.

## 10:45 - 11:15 AM | Break with Exhibitors

## 11:15 AM - 12:15 AM | Breakout Sessions 1

### **PLASTICS IN THE ENVIRONMENT AND THE MARKETPLACE** (Recycling)

*Elizabeth Minor, Professor, Chemistry & BioChemistry at UMD and Large Lakes Observatory*

*TBD, Recycle More Bags Coalition*

Speaker will address ways we consider plastics recycling as we reimagine how we should manage materials that used to be shipped overseas. Topics include: Opportunities created by increased supply, today's PE film problem, public messaging of plastic recycling and recycled content minimum- a call to action for film plastics by the RecycleMoreBags group comprised of industry and environmental associations, governmental units, manufacturing and other signatories.

### **MN COMPOST COUNCIL** (Organics)

*Kala Fisher, City of St. Louis Park*

*Tim Farnan, MPCA*

How is the state of composting in Minnesota? Come hear Minnesota Compost Council leadership talk about their view of the state of composting in Minnesota. Current projects that the Council are working on will also be shared.

### **THE CHALLENGE OF PROBLEM MATERIALS COLLECTION** (Solid Waste)

*Nick Gerold, City of Minneapolis*

*Lance Chastek, Certified Recycling*

*Tim Lundell, Western Lake Superior Sanitary District*

The challenges that cities and haulers face when collecting wastes that don't fit or are prohibited from solid waste and recycling collection containers are numerous. These items can include mattresses, electronics, large appliances, furniture, and a whole slew of other odd-ball wastes. Hear from program operators about how they tackle these challenges, including curbside year-round and seasonal programs, once a year community wide cleanups, spring/fall drop-off events, permanent drop-off centers, and private reuse/recycling organizations.

\*denotes moderator for that session



# DETAILED AGENDA

## **UPSTREAM SOLUTIONS** (Sustainability)

*Erica Zweifel, Carleton College*

*Stacy Koppen, St Paul Public Schools*

*Jodi Tait, EcoConsilium*

Explore upstream solutions for food and food packaging waste with two case studies. Carleton College and the city of Northfield are developing a community wide food recovery effort. The city, non-profits, MPCA and college are collaborating to curb wasted food and address food insecurity in their community. The second case study focuses on Saint Paul Public Schools Breakfast To Go program which encourages school breakfast to be brought into classrooms. The school district partnered with EcoConsilium to cut down on food and food packaging waste by conducting an inventory of supply chain discards and developing zero waste strategies and tactics that target 95% of this waste, including a three-year environmentally preferable purchasing plan.

## **12:15 - 1:30 PM | Break with Exhibitors**

### **1:30 - 2:45 PM | Breakout Sessions 2**

#### **MINNESOTA MULTI-FAMILY UNIT RECYCLING PROJECT** (Recycling)

*\*Chris Coady, The Recycling Partnership*

*Kellie Kish, Recycling Coordinator, City of Minneapolis*

*Nathan Reinbold, Environmental Coordinator, Pope/Douglas Solid Waste Management*

*Elizabeth Logas-Lindstrom, Recycling Coordinator, University of Minnesota*

*Stephanie Bethke-DeJaeghere, Environmental Technician Educator Coordinator, Lyon County Environmental Department*

Panel will present results from the 2018 Recycling Partnership Seed Grant. This multi-family pilot-project conducted in four Minnesota communities, highlights successes that will directly impact other Minnesota residents. Further, these multi-family initiatives are currently underway, and each panelist will have brand-new results to share.

#### **WHAT'S YOUR ENDGAME? NEXT STEPS FOR DEVELOPING A SUCCESSFUL ORGANICS PROGRAM** (Organics)

*Margaret Zuckweiler, PE, GHD*

This presentation will outline the evaluation criteria and goal structure a community can use when conducting their initial planning strategies with a focus on the various types of organics programs out there. Information gained will help keep your planning needs informed by what has worked in the past and with a better understanding of what direction organics is going. As you initiate an organics strategy, or further develop one already in place, these lessons learned can maximize your efficiencies as you move forward.



**WASTE-TO-ENERGY'S ROLE IN THE ROAD TO ZERO WASTE** (Solid Waste)

*Steve Vrchota, Pope/Douglas Solid Waste Management*

*Matt Clark, PE, GRE HERC Services*

*Chris McConn, Solid Waste Director, Otter Tail County*

Current Minnesota Resource Recovery Association (MRRA) administering director and HDR Engineering communications lead, this session will delve into the challenging subject of balancing the amount of waste going to waste-to-energy facilities compared to landfills in the twin cities metro region. The long term viability of waste-to-energy in the metro region depends on a steady stream of waste going to these facilities. Competing interests can make this challenging; however, a state law requiring processing of waste before landfilling when processing capacity is available has historically not been enforced; but that could change and potentially provide more certainty to these facilities in the future.

**MARKETING FOR SUSTAINABLE BEHAVIOR CHANGE** (Sustainability)

*John Harris, Ideas42*

*Kate Bartelt, Foth*

*Kristin Pierskalla, Hennepin County*

Learn how to motivate behavior change through effective marketing strategies. Ideas42 will introduce concepts of behavior science and how to encourage individual behavior change, then we will launch into two case studies – one presented by Foth that focuses on preemptive rather than reactive communications and a re-branding campaign of Hennepin County's Choose to Reuse program.

**2:45 - 3:15 PM | Break with Exhibitors**

**3:15 - 4:30 PM | Breakout Sessions 3**

**RISING ECOMMERCE PACKAGING: ANTICIPATING POLICY AND PROGRAM NEEDS TO ENSURE SUSTAINABLE PLANNING** (Recycling)

*Lee Anderson, President, AMERIPEN*

*Rhodes Yepsen, Executive Director, Biodegradable Products Institute*

Ecommerce is a rapidly emerging distribution channel. New products and formats, new materials and new processes continue to emerge. Retailers, brand owners and others seek to explore how they can capitalize on this shift in consumer purchasing patterns but very little attention has been given to end of life management. AMERIPEN has been working to identify how ecommerce is shifting materials in the waste stream in order to anticipate what the potential implications could be for packaging recovery systems (curbside, store drop, sortation technology needed etc.). Join AMERIPEN to discuss what data is currently available on material shifting and discuss what may be the implications for program planning and policy development going forward.



## DETAILED AGENDA

### **PFAS DISCUSSION** (Solid Waste + Organics)

*\*Jim Aiken, Barr Engineering*

*Greg Anderson, APEX Water*

Polyfluoroalkyl Substances (PFAS) is an emerging contaminant that is currently not treatable through conventional wastewater treatment processes. As part of this session, attendees will get an overview of the problem, hear about how one facility in Wisconsin is piloting a new technology to attempt to treat the problem, and learn about the challenges it poses to food waste composting facilities.

### **EMBRACING REUSE** (Sustainability)

*Michelle Ooley, Mobile Menders*

*Emily Barker, City of St Louis Park*

*Chris Simon, Goodwill*

We'll embrace reuse with three presentations that focus on waste reduction efforts. Mobile Menders performs textile repair to prevent this waste stream from entering the landfill and will discuss their partnerships with local city and county programs. City of St Louis Park has been organizing community swap events – gardening, clothing and building materials. St Louis Park will share lessons learned and diversion metrics from their program. Goodwill will close the session with a virtual tour of their distribution site in Brooklyn Park and share their diversion and recycling strategies.

**4:30 PM**

**Conference Ends**