



ASTSWMO, Providing Pathways to Our
Nation's Environmental Stewardship Since 1974

**ASTSWMO JOINT HAZARDOUS WASTE AND MATERIALS MANAGEMENT TRAINING
AUGUST 23-25, 2022
CLEVELAND, OHIO**

**FINAL AGENDA
(8-23-22)**

TUESDAY, AUGUST 23, 2022

7:00 – 8:30 AM	Meeting Check-in (no on-site registration): Beverages and Light Refreshments Provided Gold Assembly, 3 rd Floor
Plenary Sessions – All Morning Plenary Sessions will be held in the Gold Ballroom, 3rd Floor	
8:30 – 9:15 AM	<p>Welcome and Opening Remarks Moderators: Paula Bansch, Indiana Department of Environmental Management, Chair, ASTSWMO Hazardous Waste Subcommittee, and Kathryn Perszyk, Virginia Department of Environmental Quality, Chair, ASTSWMO Materials Management Subcommittee</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Tim Ratsep, Delaware Department of Natural Resources and Environmental Control, ASTSWMO President • Bonnie Buthker, Ohio Environmental Protection Agency – video remarks • Carolyn Hoskinson, Director, Office of Resource Conservation and Recovery (ORCR), U.S. Environmental Protection Agency (U.S. EPA) – video remarks • Sonya Sasseville, Director, Program Implementation and Information Division, U.S. EPA ORCR
9:15 – 10:15 AM	<p>Plenary Session: Environmental Justice Moderator: Brent Everett, Utah Department of Environmental Quality, ASTSWMO Past-President</p> <p>The incorporation of Environmental Justice (EJ) into State and U.S. EPA hazardous waste and materials management programs will be discussed. The moderator will share State perspectives. The U.S. EPA Office of Land and Emergency Management (OLEM) speaker will provide a high-level overview of how U.S. EPA defines EJ as an administration priority and highlight aspects of OLEM’s draft Environmental Action Plan including ORCR initiatives. The U.S. EPA Office of Enforcement and Compliance Assurance (OECA) speaker will discuss OECA EJ directives that apply to the enforcement program.</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Brent Everett • Sonya Sasseville, Director, Program Implementation and Information Division, U.S. EPA ORCR • Helena Healy, Director, Policy and Program Evaluation Division, U.S. EPA Office of Site Remediation Enforcement
10:15 – 10:45 AM	Networking Break: Beverages Provided – Gold Assembly Room

<p>10:45 AM – 12:00 PM</p>	<p>Plenary Session: Generations at Work Moderator: Dania Rodriguez, ASTSWMO Executive Director</p> <p>Agencies are in a transitional time – many long-term staff are retiring, and many new staff are arriving, often without overlap. Mid-term managers are faced with training new staff in addition to carrying out their daily job responsibilities. This session will explore how institutional knowledge and experience can be transferred more efficiently. The session will also seek input from attendees on what has been learned from the coronavirus pandemic in terms of ways of doing business and preparing for staff succession.</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Yolunda Righteous, Louisiana Department of Environmental Quality, Region 6 Member of the ASTSWMO Board of Directors • Casey Lamensky, Wisconsin Department of Natural Resources • Derek Kannenberg, North Dakota Department of Environmental Quality
<p>12:00 – 1:30 PM</p>	<p>Lunch on Own</p>

Program Breakout Sessions

<p>1:45 – 3:15 PM</p>	<p>HW Breakout I RCRA National Compliance Initiative: Subparts AA/BB/CC Training</p> <p>This is a closed session open to State, Territorial and EPA attendees only.</p>	<p>HW Breakout II Long-Term Stewardship for RCRA Corrective Action</p>	<p>MM Breakout I Coal Combustion Residuals (CCR) Rule</p> <p>This is a closed session open to State, Territorial and EPA attendees only.</p>	<p>MM Breakout II Sharing Extended Producer Responsibility (EPR) Concepts Across State Lines</p>
<p>HW Breakout I: RCRA National Compliance Initiative (NCI): Subparts AA/BB/CC Training (This is a closed session open to State, Territorial and EPA attendees only.) – Gold Ballroom, 3rd Floor Moderator: Frank Chavero, Texas Commission on Environmental Quality</p> <p>This 90-minute training will focus on advanced topics related to the current RCRA Air NCI “Reducing Hazardous Air Emissions from Hazardous Waste Facilities”. Topics will include exemptions, Method 21 LDAR monitoring, common violations/concerns, and highlights of past enforcement cases. For trainees interested in Subpart AA/BB/CC fundamentals, the EPA Environmental Response Training Program (ERTP) Virtual University has a four-part video training series titled “Organic Air Emission Standards” developed in 2020 that is posted under the site’s RCRA video library. This training series can also be found in EPA’s FedTalent training system.</p> <p>Virtual Speaker: Kimberly Chavez, U.S. EPA Office of Civil Enforcement</p>				

<p>1:45 – 3:15 PM</p>	<p>HW Breakout II: Long-Term Stewardship for RCRA Corrective Action – Whitehall Room, 3rd Floor Moderator: Rob Watson, Illinois Environmental Protection Agency, Vice-Chair, ASTSWMO Corrective Action and Permitting Task Force</p> <p>This session will address two aspects of Long-Term Stewardship (LTS):</p> <ol style="list-style-type: none">1. EPA Corrective Action 2030 Goal 4/ 9 LTS elements This session will review the 9 elements for an effective LTS program for RCRA Corrective Action: Legal Authorities; Information Regarding Engineering and Institutional Controls; Long-Term Facility Oversight, Monitoring, and Maintenance; Recordkeeping and Tracking; Meaningful Engagement and Consultation; Funding; Enforcement; Enforceable Mechanisms; and Dedicated Resources <p>Speaker:</p> <ul style="list-style-type: none">• Alizabeth Olhasso, U.S. EPA Region 3 <ol style="list-style-type: none">2. LTS Best Practices This presentation will discuss Region 3’s best practices for a successful Long-Term Stewardship program and lessons learned. The goal of the program is to assess the long term effectiveness of completed remedies at corrective action facilities. <p>Speaker:</p> <ul style="list-style-type: none">• John Hopkins, U.S. EPA Region 3
	<p>MM Breakout I: Coal Combustion Residuals (CCR) Rule – George Bush Room, 3rd Floor This is a closed session open to State, Territorial and EPA attendees only.</p> <p>Moderators: Kathryn Perszyk (VA) and Robin Thomas, Arizona Department of Environmental Quality, Vice-Chair, ASTSWMO Disposal and Conversion Task Force</p> <p>EPA will provide updates on: Part A and B implementation, collaboration with State partners (site-specific issues and program approval) and future rulemakings.</p> <p>Speakers:</p> <p>U.S. EPA ORCR</p> <ul style="list-style-type: none">• Richard Huggins• Mary Jackson• Michelle Lloyd <p>U.S. EPA Region 4</p> <ul style="list-style-type: none">• Michael Elster• Kelly Adams
	<p>MM Breakout II: Sharing EPR Concepts Across State Lines – Ambassador Room, 2nd Floor Moderator: James Jennings, Illinois Environmental Protection Agency, Chair, ASTSWMO Sustainable Materials Management Task Force</p> <p>Extended Producer Responsibility legislation is one of many policy tools employed to divert difficult-to-manage materials from landfills. As of March 2022, 34 States and Territories (States) have an EPR</p>

1:45 – 3:15 PM	<p>law covering at least one product, with two jurisdictions - California and Maine- each having laws covering nine different items. Many States considering expanding their own legislative EPR portfolios have looked to other jurisdictions for guidance. Directly mirroring programs from State-to-State has benefits and detriments. Moreover, some States have sought to implement programs that operationally mirror EPR without requiring legislation. This session will cover lessons learned from retrofitting legislative EPR models from State-to-State and how some States have proceeded with an EPR concept without statutory changes.</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Adam Schlachter • James Jennings, Illinois Environmental Protection Agency • Karen Moore, Florida Department of Environmental Protection • Carin Stuart, Call2Recycle 	
3:15 – 3:35 PM	Networking Break: Beverages Provided – Gold Assembly Room, 3 rd Floor	
3:35 – 5:00 PM	<p>HW Plenary Breakout State-EPA HW Roundtable</p>	<p>MM Plenary Breakout Animal Mortality Composting</p>
<p>HW Plenary Breakout: State-EPA HW Roundtable – Gold Ballroom, 3rd Floor Moderator: Paula Bansch (IN), Chair, ASTSWMO Hazardous Waste Subcommittee</p> <p>Topics:</p> <ul style="list-style-type: none"> • Incinerator backlog • 80% Updated Permits Goal for FY2026 • Financial Assurance • Permitting Updates/Post-Closure • Drum Reconditioners • Hazardous Secondary Materials Recycling Implementation Resources 		
<p>MM Plenary Breakout: Animal Mortality Composting – Ambassador Room, 2nd Floor Moderator: Casey Lamensky, Wisconsin Department of Natural Resources</p> <p>This session will provide an overview of biopile composting for animal mortality management, including research and efforts to manage carcasses of wildlife infected with prion diseases like Chronic Wasting Disease through evaluation of composting as a feasible method to manage carcasses and deactivate prions, as well as composting as a management tool for Avian Influenza.</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Rob Michitsch and Alex Thomas, University of Wisconsin – Stevens Point 		
5:00 PM	Adjourn for the Day	
5:30 – 6:45 PM	<p>Reception Hosted and Funded by the ASTSWMO Board of Directors – Grand Ballroom A, 3rd Floor</p> <ul style="list-style-type: none"> • Certificates of appreciation will be awarded. 	

WEDNESDAY, AUGUST 24, 2022


7:00 – 8:00 AM	Meeting Check-in (no on-site registration): Beverages Provided – Gold Assembly Room, 3 rd Floor	
Plenary Sessions		
8:00 – 9:00 AM	<p>Plenary Session: PFAS Issues Related to HW and MM Programs – Gold Ballroom, 3rd Floor Moderator: Tim Ratsep, Delaware Department of Natural Resources and Environmental Control, ASTSWMO President</p> <p>The session will address the current regulatory status related to PFAS and RCRA vs. CERCLA designations, and provide an update on the activities of the ASTSWMO Contaminants of Emerging Concern (CEC) Steering Committee. The speaker from the North Carolina Department of Environmental Quality (DEQ) will highlight the DEQ’s Action Strategy for PFAS and discuss how PFAS is being addressed in the State’s hazardous waste and other waste management programs.</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Kasey Kathan, Vermont Department of Environmental Conservation, Vice-Chair, ASTSWMO Contaminants of Emerging Concern Steering Committee • Julie Woosley, North Carolina Department of Environmental Quality 	
9:05 – 10:05 AM	<p>Plenary Session: Radiation Regulatory Framework – Gold Ballroom, 3rd Floor Moderator: David Matos, Georgia Environmental Protection Division, Vice-Chair, ASTSWMO Radiation Task Force</p> <p>Radioactive materials can have an impact on hazardous waste and solid waste facilities. This session will discuss what agencies regulate the materials and how they interact.</p> <p>Speakers:</p> <ul style="list-style-type: none"> • Michael Snee, Ohio Department of Health • Daniel Schultheisz, Associate Director of the Center for Waste Management and Regulations, U.S. EPA Office of Radiation and Indoor Air 	
10:05 – 10:30 AM	Networking Break: Beverages Provided – Gold Assembly Room, 3 rd Floor	
10:30 – 12:00 PM	<p>HW Plenary Breakout Data for the People</p>	<p>MM Plenary Breakout State-EPA MM Roundtable</p>
	<p>HW Plenary Breakout: Data for the People – Gold Ballroom, 3rd Floor Moderators and Speakers: Ellie Brown, Oregon Department of Environmental Quality, Chair, Rulemaking and Authorization Task Force, and Jennifer Hopper, Maryland Department of the Environment</p> <p>State and federal RCRA programs have been amassing vast amounts of information for approximately 40 years. Multiple tools provide access to this information: Metabase, RITA, ECHO, RCRAInfo Reports, and more. This session will focus on the promotion of these tools and feedback will be sought on barriers to their use.</p>	

10:30 AM – 12:00 PM	The session will begin with updates on the following topics: <ul style="list-style-type: none"> • ASTSWMO HW Funding Workgroup Activities - Melissa Ferree, Delaware Department of Natural Resources and Environmental Control, Workgroup Chair • RCRAInfo - David Charbonneau, U.S. EPA ORCR • e-Manifest - Steve Donnelly, U.S. EPA ORCR
	<p>MM Plenary Breakout: State-EPA MM Roundtable – Ambassador Ballroom, 2nd Floor Moderator: Kathryn Perszyk (VA), Chair, ASTSWMO Materials Management Subcommittee</p> <p>Topics:</p> <ul style="list-style-type: none"> • Circular Economy Strategy Series: National Recycling Strategy, Food Waste, Plastics, Electronics/Critical Minerals • Update on ORCR led Save Our Seas 2.0 Activities • Solid Waste Management Data • Bipartisan Infrastructure Law (BIL) Work - Solid Waste Infrastructure (SWIFR) Grant Program, Education and Outreach, and Batteries
12:00 – 1:30 PM	Lunch on Own

Program Breakout Sessions

1:45 – 3:15 PM	<p>HW Breakout I Using the RCRA Integrated Targeting Assistant (RITA) for Prioritizing Inspections</p> <p>This is a closed session open to State, Territorial and EPA.</p>	<p>HW Breakout II Permitting</p>	<p>MM Breakout I State TENORM Regulations</p>	<p>MM Breakout II PFAS Concerns in Biosolids and Landfill Leachate</p>
<p>HW Breakout I: Two-Part Session: 1. Overview of the RCRA Integrated Targeting Assistant (RITA), 2. State and Territorial Compliance Monitoring and Enforcement Issues (This is a closed session open to State, Territorial and EPA attendees only.) – Whitehall Room, 3rd Floor Moderator: Barbara Williams, District of Columbia Department of Energy & Environment</p> <p>1. Overview of RITA This session will begin with an overview of the <i>RCRA Inspection Targeting Assistant (RITA)</i>, which can be used to prioritize and prepare for inspections and support enforcement. The tool was developed by EPA's National Targeting Center (NTC) and released for national use in June 2021. It is designed to bring the most pertinent data for targeting together in a single location to make targeting easier, more comprehensive, and ultimately more effective at identifying and prioritizing handlers for inspection.</p> <p>Virtual Speaker: Andrew Moiseff, U.S. EPA Office of Compliance</p>				

<p>1:45 – 3:15 PM</p>	<p>2. Discussion of State and Territorial Compliance Monitoring and Enforcement Issues This part of the session will turn to a facilitated discussion of compliance monitoring and enforcement issues of interest to State and Territorial programs. The information shared will help inform the activities of the ASTSWMO Compliance Monitoring and Enforcement (CME) Task Force.</p> <p>Facilitators:</p> <ul style="list-style-type: none">• Kris Figur, Colorado Department of Public Health & Environment, Chair, ASTSWMO Compliance Monitoring and Enforcement (CME) Task Force, and Brent Watson, Alabama Department of Environmental Management, Vice-Chair, CME Task Force
	<p>HW Breakout II: Permitting – Gold Ballroom, 3rd Floor Moderator: Derek Kannenberg, North Dakota Department of Environmental Quality</p> <p>This session will include: (1) discussion of the national RCRA hazardous waste permitting priorities, including live audience voting to inform the selection of FY23/24 priorities; (2) EPA’s approach to update the 1988 RCRA Model Permit; and (3) the status and projected contents of a forthcoming rulemaking to update various RCRA permitting regulations for hazardous waste treatment, storage, and disposal facilities.</p> <p>Speakers – U.S. EPA ORCR:</p> <ul style="list-style-type: none">• Amanda Kohler• Denise Housley• Lilybeth Colon• Anna Krueger
	<p>MM Breakout I: State TENORM Regulations – George Bush Room, 3rd Floor Moderator: Libby McCaskill, Oklahoma Department of Environmental Quality, Chair, ASTSWMO Radiation Task Force</p> <p>This session will present varying approaches to State regulatory frameworks for Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM), followed by a roundtable discussion of challenges in developing and implementing regulations and lessons learned.</p> <p>Speakers:</p> <ul style="list-style-type: none">• Rick Thompson, Montana Department of Environmental Quality• Michael Snee, Ohio Department of Health• David Allard, Retired, Pennsylvania Department of Environmental Protection
	<p>MM Breakout II: PFAS Concerns in Biosolids and Landfill Leachate – Ambassador Ballroom, 2nd Floor Moderators: Charles Bock, Mississippi Department of Environmental Quality, Vice-Chair, ASTSWMO Beneficial Use Task Force and Jody Weikart, Wyoming Department of Environmental Quality</p> <p>This session will include a discussion on States’ efforts to measure PFAS concentrations in biosolids and landfill leachate as well as their overlapping issues and how they are being addressed.</p>

1:45 – 3:15 PM	Speakers: <ul style="list-style-type: none"> • Biosolids: Tracy Kelly and Michael Jakubowski, Maine Department of Environmental Protection • Landfill Leachate: Kasey Kathan, Vermont Department of Environmental Conservation 			
3:15 – 3:45 PM	Networking Break Sponsored By: Light refreshments Provided Gold Assembly Room, 3 rd Floor <div style="text-align: right;">  </div>			
3:45 – 5:15 PM	HW Breakout I Overview of Hazardous Secondary Materials Recycling under RCRA	HW Breakout II Corrective Action Case Studies	MM Breakout I Your Beneficial Use Issues	MM Breakout II Solid Waste Disposal Capacity issues
HW Breakout I: Overview of Hazardous Secondary Materials (HSM) Recycling under RCRA – Gold Ballroom, 3rd Floor Moderator: Evan Bryant, Missouri Department of Natural Resources This presentation will focus on identifying hazardous secondary materials (HSM), how HSMs are regulated under RCRA, and when a HSM is eligible for a recycling exclusion. Examples and case studies will be used to illustrate the most recent definition of solid waste (DSW) exclusions, speculative accumulation, and the definition of legitimate recycling. Speakers – U.S. EPA ORCR: <ul style="list-style-type: none"> • Tracy Atagi • Mary Beth Sheridan 				
HW Breakout II: Corrective Action Case Studies – Whitehall Room, 3rd Floor Moderator: Ashby Scott, Virginia Department of Environmental Quality, Chair, ASTSWMO Corrective Action and Permitting Task Force This session will highlight various corrective action program issues through presentation and discussion of case studies. Speakers: <ul style="list-style-type: none"> • Jeannette Acomb, Oregon Department of Environmental Quality • Derek Kannenberg, North Dakota Department of Environmental Quality 				
MM Breakout I: Your Beneficial Use Issues – George Bush Room, 3rd Floor Moderator: Charles Bock (MS), Vice-Chair, ASTSWMO Beneficial Use Task Force This session will allow information-sharing amongst States and Territories (States) on beneficial use topics identified by the Beneficial Use Task Force as well as provide for open forum discussion on State beneficial use issues.				

3:45 – 5:15 PM	<p>MM Breakout II: Solid Waste Disposal Capacity Issues – Ambassador Ballroom, 2nd Floor Moderator: Kathryn Perszyk (VA), Chair, Materials Management Subcommittee</p> <p>Closure of waste disposal facilities resulting in disposal capacity shortfalls has implications not only in the State where the disposal facility is located but regionally. The session will explore the issues facing States and address approaches State solid waste management and sustainable materials management programs are taking to address these issues.</p> <p>Speaker:</p> <ul style="list-style-type: none"> Gabrielle Frigon, Connecticut Department of Energy and Environmental Protection
5:15 PM	Adjourn for the Day

THURSDAY, AUGUST 25, 2022

7:00 – 8:00 AM	Meeting Check-in (there is no on-site registration): Beverages Provided Gold Assembly Room		
Program Breakout Sessions			
8:00 – 9:00 AM	<p>Joint HW and MM Breakout I Survey 123</p>	<p>HW Breakout II Open Burning / Open Detonation</p>	<p>MM Breakout II Your Sustainable Materials Management Issues</p>
<p>Joint HW and MM Breakout I: Survey 123 – Gold Ballroom, 3rd Floor Moderator: Brent Watson (AL), Vice-Chair, ASTSWMO Compliance Monitoring and Enforcement Task Force</p> <p>During this session, Arizona Department of Environmental Quality (ADEQ) inspectors will walk through how they are using Survey123 as a ground-breaking tool for conducting inspections and generating inspection reports. Gain a fundamental understanding of how implementing Survey123 as an inspection tool has benefitted ADEQ and extrapolate on unique ways to improve processes within your organization.</p> <p>Speakers – Arizona Department of Environmental Quality:</p> <ul style="list-style-type: none"> Justyn Beach Kalie Rumaner 			
<p>HW Breakout II: Open Burning / Open Detonation – Ambassador Ballroom, 2nd Floor Moderator: Mark Dennen, Rhode Island Department of Environmental Management</p> <p>This session will discuss EPA’s recent policy memorandum related to permitting open burning/open detonation (OB/OD) units and other activities involving OB/OD, such as EPA’s forthcoming proposed rulemaking. In addition, this session will include a Virginia OB/OD case study.</p>			

8:00 – 9:00 AM	<p>Speakers:</p> <ul style="list-style-type: none"> • Amanda Kohler and Ken Shuster, U.S. EPA ORCR • Ashby Scott, Virginia Department of Environmental Quality <p>MM Breakout II: Your Sustainable Materials Management Issues – Whitehall Room, 3rd Floor Moderator: Adam Schlachter, Delaware Department of Natural Resources and Environmental Control, Vice-Chair, ASTSWMO Sustainable Materials Management Task Force</p> <p>This session will include a speaker-led discussion of how States and Territories (States) are handling contemporary sustainable materials management topics, such as Statewide recycling contamination, post-COVID programmatic impacts and the evolution of materials bans. The session will also offer an open forum for participants to share issues or concerns they have encountered in administering State sustainable materials management programs.</p>
9:00 – 9:30 AM	CHECKOUT BREAK: No Beverages or Other Refreshments Provided
<p>Plenary Sessions – All Sessions will be held in the Gold Ballroom, 3rd Floor</p>	
9:30 – 10:30 AM	<p>Plenary Session: Cannabis Waste Management Moderator: Kris Figur (CO), Chair, ASTSWMO Compliance Monitoring and Enforcement Task Force</p> <p>This talk will cover Colorado's experience with solid and hazardous waste issues across a variety of cannabis facilities, recent changes to Colorado's cannabis regulations, and emerging issues related to cannabis waste management.</p> <p>Speaker:</p> <ul style="list-style-type: none"> • Michael Bankoff, Colorado Department of Public Health & Environment
10:30 - 11:30 AM	<p>Closing Plenary Session: Discussion of Waste Management Issues - Creative Solutions to Changing Waste Management Behavior</p> <p>Moderators: Paula Bansch (IN), Chair, ASTSWMO Hazardous Waste Subcommittee, and Kathryn Perszyk (VA), Chair, ASTSWMO Materials Management Subcommittee</p> <p>This session is designed to be interactive and provide the opportunity for attendees to raise issues that have not been addressed during Joint Training sessions, and/or to further explore issues that have come up in discussions over the last two days. Attendees are invited, for example, to bring up the biggest waste management issue(s) your State is facing, and/or what creative, out-of-the box solutions have been developed to manage wastes in your State and change waste management behavior.</p>
11:30 – 11:45 AM	<p>Closing Remarks and Adjournment of the Joint Training</p> <p>Paula Bansch (IN), Chair, ASTSWMO Hazardous Waste Subcommittee, and Kathryn Perszyk (VA), Chair, ASTSWMO Materials Management Subcommittee</p>