



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

2017 ASTSWMO Joint Hazardous Waste and Materials Management Training

FINAL AGENDA

**August 15-17, 2017
Sheraton Oklahoma City Downtown Hotel
Oklahoma City, OK**

**ASTSWMO Joint Hazardous Waste and Materials Management Training
August 15-17, 2017**

FINAL AGENDA

TUESDAY, AUGUST 15, 2017

7:00 – 8:15 AM

Meeting check-in (*there will be no on-site registration, and only beverages will be available*)
Century Foyer

Plenary sessions will be held in the Century Ballroom.

8:15 - 9:00 AM

Welcome and Opening Remarks

Welcome by Karen Hale (OH), ASTSWMO Hazardous Waste Subcommittee Chair, and Bob Blankenburg (AK), ASTSWMO Materials Management Subcommittee Chair

- Mark de Bie (CA), ASTSWMO President
- Scott Thompson, Executive Director, Oklahoma Department of Environmental Quality
- Barnes Johnson, Director, Office of Resource Conservation and Recovery (ORCR), U.S. Environmental Protection Agency (EPA)
- Alexandra Dunn, Executive Director, Environmental Council of the States (ECOS)

9:00 – 10:15 AM

Plenary Session: Disaster Debris Management

Moderator: Bob Blankenburg (AK), ASTSWMO Materials Management Subcommittee Chair

Management of disaster debris poses issues for both hazardous waste and materials management programs. The session began with a presentation by EPA of disaster debris management resources being developed. State representatives from California discussed the interaction of the State hazardous waste and materials management programs in jointly addressing debris from wildfires.

Speakers:

- Melissa Kaps and Kim Kirkland, Materials Recovery and Waste Management Division, EPA ORCR [Presentation](#)
- Mark de Bie, Deputy Director for Waste Permitting, Compliance and Mitigation, CalRecycle, and Ray Leclerc, Assistant Deputy Director, Cleanup Program, CA Department of Toxic Substances Control [Presentation](#)

10:15 – 10:30 AM

Break (*only beverages will be available*)

Century Foyer

10:30 – 10:45 AM

Remarks by Michael Teague, Oklahoma Secretary of Energy & Environment

10:45 – 12:00 PM

Plenary Session: Industry Perspectives on Hazardous Waste and Materials Management

Moderator: Mark de Bie (CA), ASTSWMO President

This panel of industry representatives shared their perspectives on what they see as top issues with regard to both hazardous and non-hazardous wastes.

Speakers:

- Sue Briggum, Vice President, Federal Public Affairs, Waste Management, Inc.
- Selin Hoboy, Vice President, Legislative and Regulatory Affairs, Stericycle, Inc.
- Phil Retallick, Senior Vice President Compliance and Regulatory Affairs, Clean Harbors Environmental Services, Inc.

12:00 - 1:30 PM

Lunch on your own

1:45 - 3:15 PM

Concurrent Hazardous and Materials Management Program Sessions -- *There will be two concurrent Hazardous Waste sessions and two concurrent Materials Management sessions.*

Hazardous Waste Session I: Generator Improvements Rule – 1 of 2

Room: 18th Century

Moderator: Penny Wilson (AR), ASTSWMO Compliance Monitoring and Enforcement Task Force Chair

On November 28, 2016, EPA promulgated a final rule making significant changes to the hazardous waste generator regulations. This session provided detailed information on the changes to the regulations as well as information on State adoption, and implementation issues.

Speaker:

- Jessica Young, EPA ORCR
 - Kathy Lett, EPA ORCR
- [Presentation](#)

Hazardous Waste Session II: RCRA Subtitle C Corrective Action

Room: 19th Century

Moderator: Ray Leclerc (CA), ASTSWMO Corrective Action and Permitting Task Force Chair

This session featured facilitated discussions of two topics: 1) RCRA Corrective Action 2020 and beyond; and 2) long-term stewardship, looking at the implementation of the post-closure care rule, to include mechanisms States have used and their effectiveness, and lessons learned. The session also highlighted case studies and success stories of State implementation of the RCRA Facilities Investigation Remedy Selection Track (FIRST).

Speaker:

- RCRA FIRST Case Studies: Don Lininger, EPA Region 7
- [Presentation](#)

Materials Management Session I: Changes and Challenges in the Recycling Stream

Room: Plaza Ballroom

Moderator: Patrick Riley (OK), ASTSWMO Sustainable Materials Management Task Force Member

Recycling presents many challenges. Changes in packaging materials, market demand, and collection systems are just a few. In this session, three seasoned professionals—each playing a different role in the recycling industry—discussed how they navigate these and other obstacles, what they recommended for the future of the industry and how recycling can continue to play a valuable role in sustainable materials management. Topics included how light weighting of packaging is affecting State diversion goals, how glass containers can be economically processed and how changing attitudes toward waste management in general is key toward successful recycling in rural communities.

Speakers:

- Susan Robinson, Federal Public Affairs Director, Waste Management, Inc.
[Presentation](#)
- Tracy Horst, Director of Project Management, Choctaw Nation, and President of the OK Recycling Association
[Presentation](#)
- Robert Pickens, Vice President – Recycling, American Waste Control
[Presentation](#)

Materials Management Session II: Beneficial Use of Construction and Demolition (C&D) Materials Generated by Disasters

Room: 20th Century

Moderator: Kathleen Prather (NY), ASTSWMO Beneficial Use Task Force Chair

[Presentation](#)

What role can recycling and beneficial use play in disaster debris management? Are any non-disposal options feasible for waste from civil or natural disasters? The Beneficial Use Task Force presented several case studies and opened the floor for roundtable discussion, in which attendees were invited to offer their experiences and ideas.

3:15 – 3:35 PM **Break (*Refreshments and light snacks will be available.*)**
Sponsored by Clean Harbors Environmental Services, Inc.

3:35 – 5:00 PM **Concurrent HW and MM Program Sessions -- *There will be two concurrent Hazardous Waste sessions and one Materials Management session.***

Hazardous Waste Session I: Generator Improvements Rule – 2 of 2

Room: 18th Century

Moderator: Penny Wilson (AR), ASTSWMO Compliance Monitoring and Enforcement Task Force Chair

Continuation of first session.

Hazardous Waste Session II: Financial Assurance

Room: 19th Century

Moderator: Ray Leclerc (CA), ASTSWMO Corrective Action and Permitting Task Force Chair

Three aspects of financial assurance (FA) were presented: cost estimation; expertise in reviewing FA documentation; and EPA's long-term FA strategy and an update of the EPA Office of Inspector General report.

Speakers:

- Reviewing FA Documentation: Michael Pease, EPA ORCR
[Presentation](#)
- Long-Term FA Strategy and OIG Report Update: Anna Krueger, EPA ORCR
[Presentation](#)

Materials Management Session:

Tackling Materials Reuse: Perspectives from Business, ECOS Leaders

Room: Plaza Ballroom

Moderator: Scott Thompson, Executive Director, Oklahoma Department of Environmental Quality

Materials reuse is at the core of modern waste management. But what does it look like in action? What problems do States implementing materials reuse encounter and how are they addressed? This interactive, roundtable discussion showcased the ways in which materials reuse goes beyond diverting waste from landfills. Bringing tangible examples of program successes, the panel of business and State leaders explored how partnerships and community engagement foster material recovery activities, thus generating significant cost and energy savings, creating new jobs, and encouraging a healthy environment.

Speakers:

- Chuck Brown, Secretary, Louisiana Department of Environmental Quality
- Laurie Stevenson, Deputy Director, Ohio Environmental Protection Agency
- Andy Mangan, Executive Director, US Business Council on Sustainable Development
- John Bradburn, Global Waste Reduction Manager, General Motors

5:00 PM Adjourn for the Day

5:30 - 6:30 PM Reception – hosted and funded by the ASTSWMO Board of Directors

Room: One Broadway Ballroom

WEDNESDAY, AUGUST 16, 2017

7:30 - 8:30 AM

Meeting check-in (*there will be no on-site registration, and only beverages will be available*) Century Foyer

Plenary sessions will be held in the Century Ballroom.

8:30 – 9:30 AM

Plenary Session: Post-Closure Care Guidance for RCRA Subtitle C and Subtitle D

Moderators: Paula Bansch (IN), ASTSWMO Corrective Action and Permitting Task Force Vice-Chair, and Bob Doctor (WY), ASTSWMO Solid Waste Disposal and Conversion Task Force Chair

Implementation of the final EPA Subtitle C Post-Closure Care (PCC) guidance issued in December 2016 were discussed, and an overview of the development of the EPA guidance for Subtitle D Post-Closure Care was provided.

Speakers:

- Subtitle C Guidance: Jeff Gaines, Program Implementation and Information Division, EPA ORCR [Presentation](#)
- Subtitle D Guidance: Craig Dufficy, Materials Recovery and Waste Management Division, EPA ORCR [Presentation](#)

9:30 – 10:30 AM

Plenary Session: Problematic Wastes - A discussion session with attendee participation Moderator: Karen Hale (OH), ASTSWMO Hazardous Waste Subcommittee Chair

This informal interactive discussion session with audience participation provided State and EPA attendees an opportunity to identify non-hazardous and hazardous wastes that they have encountered that are posing regulatory implementation concerns. EPA kicked off the session with a short overview of the issues encountered with recalled products, using airbags as an example. What wastes has your State encountered that have posed regulatory implementation concerns? What do you see as emerging wastes? Attendees were asked to give it some thought and provide their examples at the session. The audience was invited to provide input as to how such problematic wastes can be addressed, including ideas for State-EPA collaboration to enhance the management of those wastes. Problematic wastes may include wastes that are:

- Subject to regulation but overlooked by generators;
- Pose very low risk in small quantities but large quantities of the waste pose a risk;
- Burdensome for the generator to determine if the waste is subject to regulation;
- Difficult to analyze;
- Only periodically subject to regulation; or
- A relatively new waste type.

10:30 – 10:45 AM Break (*only beverages will be available*)

Century Foyer

10:45 - 12:00 PM

Plenary Session: Young Professionals Panel

Moderator: Dania Rodriguez, ASTSWMO Executive Director

Succession planning is a critical issue facing all organizations. In this session, issues in succession planning were addressed by a panel of employees with a State agency, EPA and industry, who shared their experiences and perspectives as young professionals in their respective organizations.

Speakers:

- Michael Elster, Georgia Environmental Protection Division
- Sara Kinslow, EPA Region 3
- Jessica Zebre, Clean Harbors Environmental Services, Inc.

12:00 - 1:30 PM **Lunch on your own**

1:45 - 3:15 PM **Concurrent Hazardous and Materials Management Program Sessions -- *There will be two concurrent Hazardous Waste sessions and two concurrent Materials Management sessions.***

Hazardous Waste Session I: RCRAInfo

Room: 18th Century

Moderator: Bob Patton (TX), ASTSWMO Program Information Management Task Force Member

This session highlighted various aspects of RCRAInfo Version 6, such as: myRCRAid; e-BR; implementation for RCRAInfo V6 and the RCRAInfo Industry Application; Exchange Network; and what States will need to do to access the various components of RCRAInfo.

Speaker:

- David Charbonneau, EPA ORCR
[Presentation](#)

Hazardous Waste Session II: State Authorization

Room: 19th Century

Moderator: Steve Simoes (VT), ASTSWMO Compliance Monitoring and Enforcement Task Force Vice-Chair

EPA authorization of State and Territorial (State) hazardous waste programs is a necessary but “behind the-scenes” process that often doesn’t receive the same level of attention as more visible or time sensitive program implementation matters. This session provided an overview of State program authorization requirements, the authorization process, and available tools and resources. It also covered recent EPA policies on “functional equivalence” and stringency/scope of State program requirements, different approaches to State adoption of federal rules, orientation to EPA’s authorization web site, and preliminary results of EPA’s authorization LEAN project.

Speaker:

- Wayne Roepe, EPA ORCR
[Presentation](#)

1:45 – 3:15 PM

Materials Management Session I: Organics Diversion & Management: A look at State Incentives and requirements

Room: Plaza Ballroom

Moderator: Janine Bogar (WA), ASTSWMO Sustainable Material Management Task Force Vice-Chair

To better manage the vast amount of organic materials in the waste stream, States are creating incentives to promote reduction and diversion and updating regulations of composting and anaerobic digestion

facilities. This session started with a panel of State representatives highlighting their States' activities, followed by a presentation of EPA's Wasted Food Opportunities Map project.

Speakers:

- Patrick Riley, OK
[Presentation](#)
- Cathy Jamieson, VT
[Presentation](#)
- Mark de Bie, CalRecycle
[Presentation](#)
- Lana Suarez, EPA ORCR
[Presentation](#)

Materials Management Session II: Construction and Demolition (C&D) Debris Disposal; Waste Conversion Technologies

Room: 20th Century

Moderator: Bob Doctor (WY), ASTSWMO Solid Waste Disposal and Conversion Task Force Chair

The Solid Waste Disposal and Conversion Task Force provided a short update on the status of their waste conversion survey. Four states provided a summary of their regulatory approach to construction/demolition waste. There was time for questions and a discussion of the pros and cons/success stories and lessons learned of various regulatory strategies.

Speakers:

- Lori Aldrich, AK
- Rhonda Oyer, MI
[Presentation](#)
- Rick Thompson, MT
[Presentation](#)
- Bob Doctor, WY
[Presentation](#)
- Christoph Uhlenbruch, KY (presentation delivered by Bob Doctor)
[Presentation](#)

3:15 – 3:45 PM **Break (*Refreshments and light snacks will be available.*)**
Sponsored by Waste Management

3:45 – 5:15 PM **Concurrent Hazardous and Materials Management Program Sessions -- *There will be two concurrent Hazardous Waste sessions and two concurrent Materials Management sessions.***

Hazardous Waste Session I: e-Manifest

Room: 18th Century

Moderator: Melissa Ferree (DE), ASTSWMO Program Information Management Task Force Vice-Chair

This session provided an overview of e-Manifest implementation activities and a review of the e-Manifest State checklist. The presentation was designed to provide an understanding about the status of the

e-Manifest system. Additionally, the session provided an opportunity to discuss potential technology, policy, and authorization issues as States prepare for the launch of the e-Manifest system in mid-year 2018.

Speaker:

- David Charbonneau, EPA ORCR
[Presentation](#)

Hazardous Waste Session II: Land Disposal Restrictions – Case Study

Room: 19th Century

Moderator: Penny Wilson (AR), ASTSWMO Compliance Monitoring and Enforcement Task Force Chair

This session consisted of a State speaker providing a presentation on the Land Disposal Restriction requirements as well as a case study of treatment violations for a Treatment, Storage, Disposal (TSD) facility that treats hazardous waste by stabilization. The case study also covered changes to the TSD's waste analysis plan as a result of the enforcement actions.

Speaker:

- Michael Ellenbecker, WI
[Presentation](#)

Materials Management Session I: Two Topics:

Materials Management: Data, Analytics and Goals, 3:45 – 4:55 PM

Room: Plaza Ballroom

Moderator: Cathy Jamieson (VT), ASTSWMO Sustainable Materials Management Task Force Chair

This session provided State officials with an overview of analytics, data and tools to characterize materials management. The session reviewed the latest results from the State Measurement Program (SMP), and attendees received a demonstration of the reporting tools of the SMP. The participants also discussed different methodologies to set goals and metrics and explore new analytics and tools to set standardized metrics.

Speaker:

- Ron Vance, EPA ORCR
[Presentation](#)

Anaerobic Digestion Information-Sharing, 4:55 – 5:15 PM

Room: Plaza Ballroom

Moderator: Cathy Jamieson (VT), ASTSWMO Sustainable Materials Management Task Force Chair

ASTSWMO and the Northeast Waste Management Officials Association (NEWMOA) have been discussing some of the challenges facing State programs with the permitting of anaerobic digestion (AD) systems for food waste management, and are considering a joint project. Attendees were asked to join the discussion of anaerobic digestion in managing food waste and the potential research questions/issues that would benefit their State or region. There was also an update by EPA on their AD project.

- EPA Anaerobic Digestion Project: Lana Suarez, EPA ORCR

Materials Management Session II: Radiation 101

Room: 20th Century

Moderator: Bud Yard (TN), ASTSWMO Radiation Task Force Chair

This session consisted of five briefings by ASTSWMO Radiation Task Force members in-person and remotely: (1) a basic introduction to radiation that focused on questions commonly asked of radiation professionals; (2) a briefing on radiation sources that may be encountered by landfill operators and the general public; (3) a case study from Montana discussing issues encountered in the development of regulations to address Technologically Enhanced Naturally Occurring Radiological Material (TENORM) in landfills; (4) a case study from Arizona of radiation events at landfills and recycler locations in the State; and (5) methods of monitoring both personnel and the environment around landfills containing or potentially containing radiological materials. Questions from attendees were welcomed.

Speakers:

- Gary Forsee, IL – presenting remotely
[Presentation](#)
- Kristen Schwab, WA
[Presentation](#)
- Rick Thompson, MT
[Presentation](#)
- Phillip Kern, AZ – presenting remotely
[Presentation](#)
- Bud Yard, TN
[Presentation](#)

5:15 PM Adjourn for the Day

THURSDAY, AUGUST 17, 2015

7:30 – 8:15 AM

Meeting check-in (*there will be no on-site registration; light continental breakfast, coffee and tea will be available*)

Century Foyer

8:15 - 9:45 AM

Concurrent Hazardous Waste and Materials Management Roundtables -- *There will be one Hazardous Waste session and one Materials Management session.*

Hazardous Waste State-EPA Issues/Updates Roundtable

Room: Plaza Ballroom North

Moderator: Karen Hale (OH), ASTSWMO Hazardous Waste Subcommittee Chair

Topics:

- Regulatory reform – update
- Fireworks guidance
- Permitting issues
 - Waste Analysis Plan and Land Disposal Restrictions
 - Subpart aa, bb, cc
 - Thermal desorption units - regulation

- National Enforcement Initiative (NEI) RCRA Air Emissions update -aa, bb, cc
- Airbag memo
- Regulatory Updates:
 - Retail initiative
 - ignitability characteristic
 - Pharmaceutical rule
- Definition of solid waste

Materials Management State-EPA Issues/Updates Roundtable

Room: Plaza Ballroom South

Moderator: Bob Blankenburg (AK), ASTSWMO Materials Management Subcommittee Chair

The Roundtable provided the opportunity for discussion of various timely materials management topics.

Topic for a portion of the Roundtable that was open only to State and federal government attendees:
CCR Rule Implementation

Moderator: Mike Forbeck (PA), ASTSWMO CCR Ad Hoc Workgroup Co-Chair

9:45 - 10:15 AM BREAK & CHECK-OUT

10:15 - 11:45 AM

Plenary Session: Open Forum/Your Issues

Room: 19th and 20th Century Rooms

Moderators: Karen Hale (OH), ASTSWMO Hazardous Waste Subcommittee Chair, and Bob Blankenburg (AK), ASTSWMO Materials Management Subcommittee Chair

- Questions/issues raised on note cards filled out by attendees during the training
- Highlights from sessions
- Facilitated dialogue with attendees on what they learned
- Focus on next steps, future events

11:45 AM

Wrap-up Remarks

Karen Hale (OH), ASTSWMO Hazardous Waste Subcommittee Chair, and Bob Blankenburg (AK), ASTSWMO Materials Management Subcommittee Chair

12:00 PM

Adjournment of the Joint Training