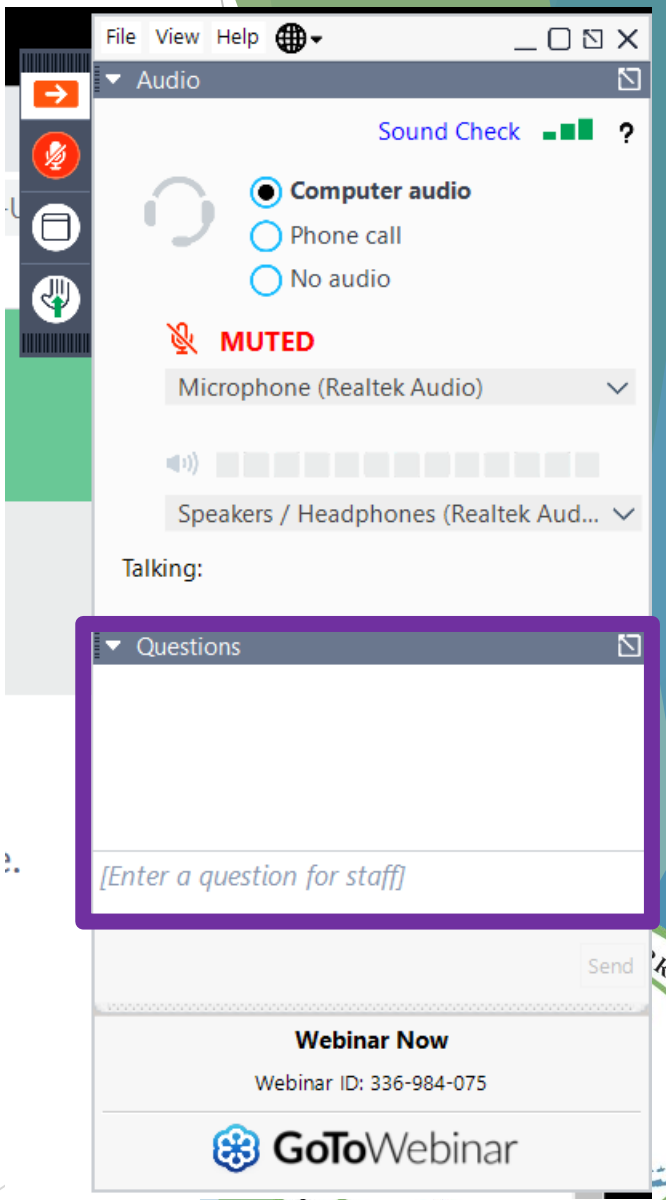
What's the Buzz in Materials Management?

ASTSWMO Materials Management Subcommittee

ASTSWMO Virtual Mid-Year Meeting
April 26, 2021

Before we start

- All attendees will be muted throughout the webinar.
- **Questions:** Use the **Questions Panel** in the dashboard to send questions to the speakers during the webinar.
- **Note who the question is directed to in your submittal.**
- Questions will be answered at the end of the webinar.
- The webinar is being recorded and will be made available on the ASTSWMO website.



Cathy Jamieson, VT

Chair, ASTSWMO Materials Management Subcommittee

Materials Management Subcommittee

Beneficial Use

Sustainable Materials Management

Solid Waste Disposal & Conversion

Radiation

Beneficial Use Task Force

MINDY ANTHONY (DE) – CHAIR

CHARLIE BOCK (MS) – VICE-CHAIR

Purpose and Past Projects

Purpose

- Identify
- Inform

Past Projects

- Oil and Gas Exploration and Production Waste Management Survey Report
- Beneficial Use of Drill Cuttings, Produced Water and Water-Based Drilling Fluid/Muds in the U.S. Supplemental Survey Report

Beneficial Use of Fill-Like Materials Survey

- Approval Process
- Issues with Approved Beneficial Use
- Regulatory Oversight for Fill-Like Material Below Residential Cleanup Standards
- Challenges
- Links to State Definitions and Approval Processes

BUTF Poll #1

Which of the following project ideas would be most beneficial to your State or Territory? (Please select up to 3 ideas.)

BUTF Poll #2

What waste presents the greatest beneficial use challenge to your State or Territory? (Please select up to 3 choices.)

Thank you for your attention!

For more information on the Beneficial Use Task Force, please go to: http://astswmo.org/materials-management/

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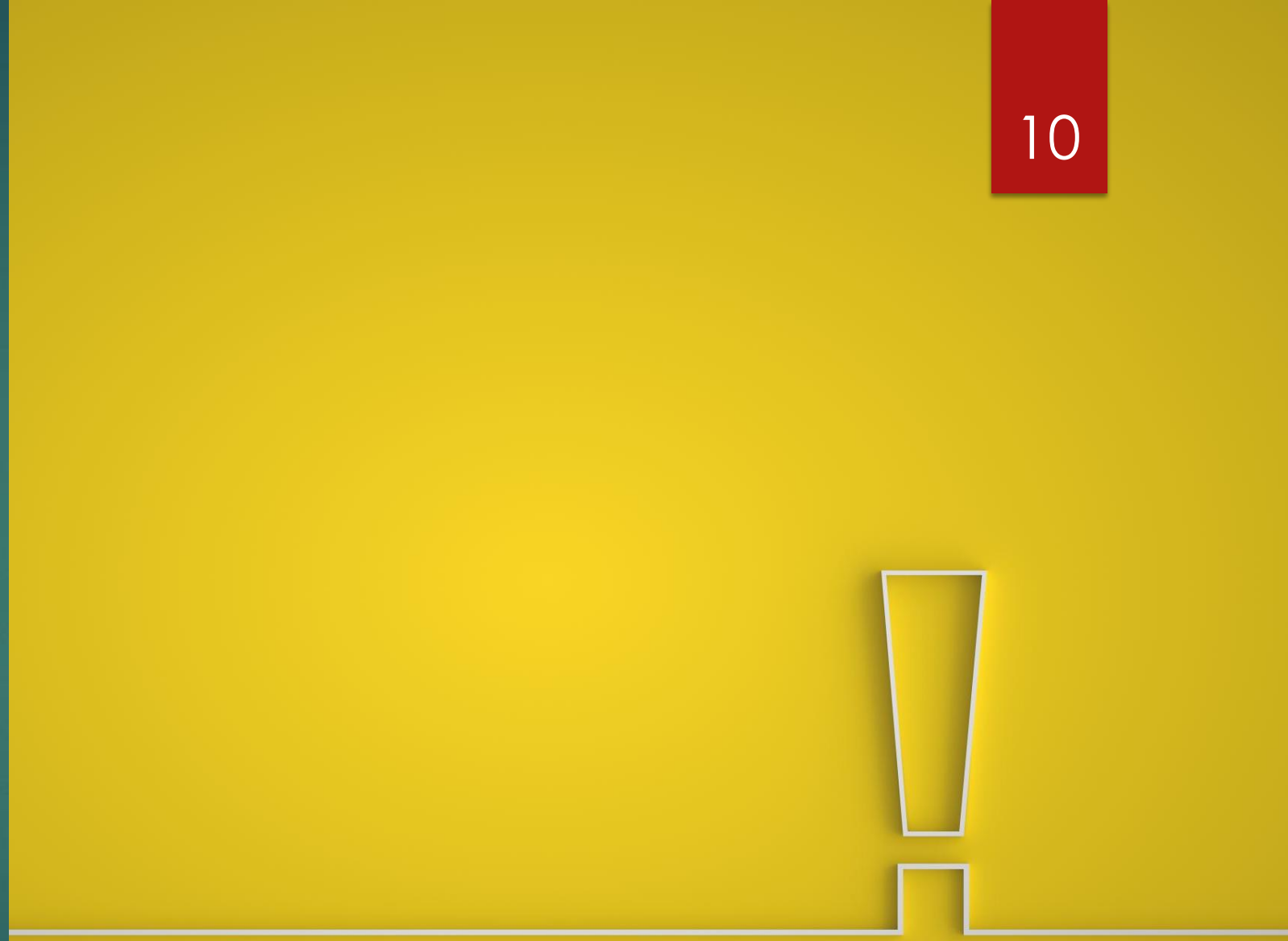
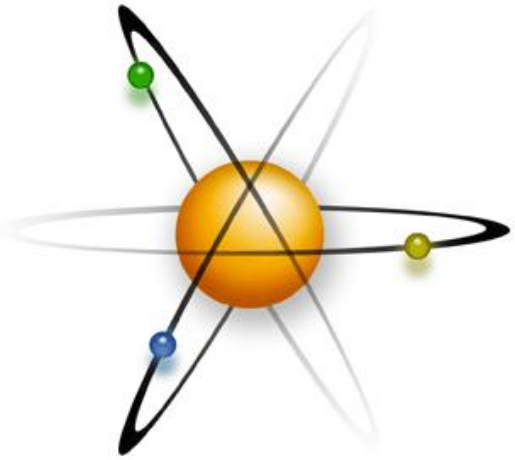




Radiation Task Force

Kristen Schwab (WA) – Chair

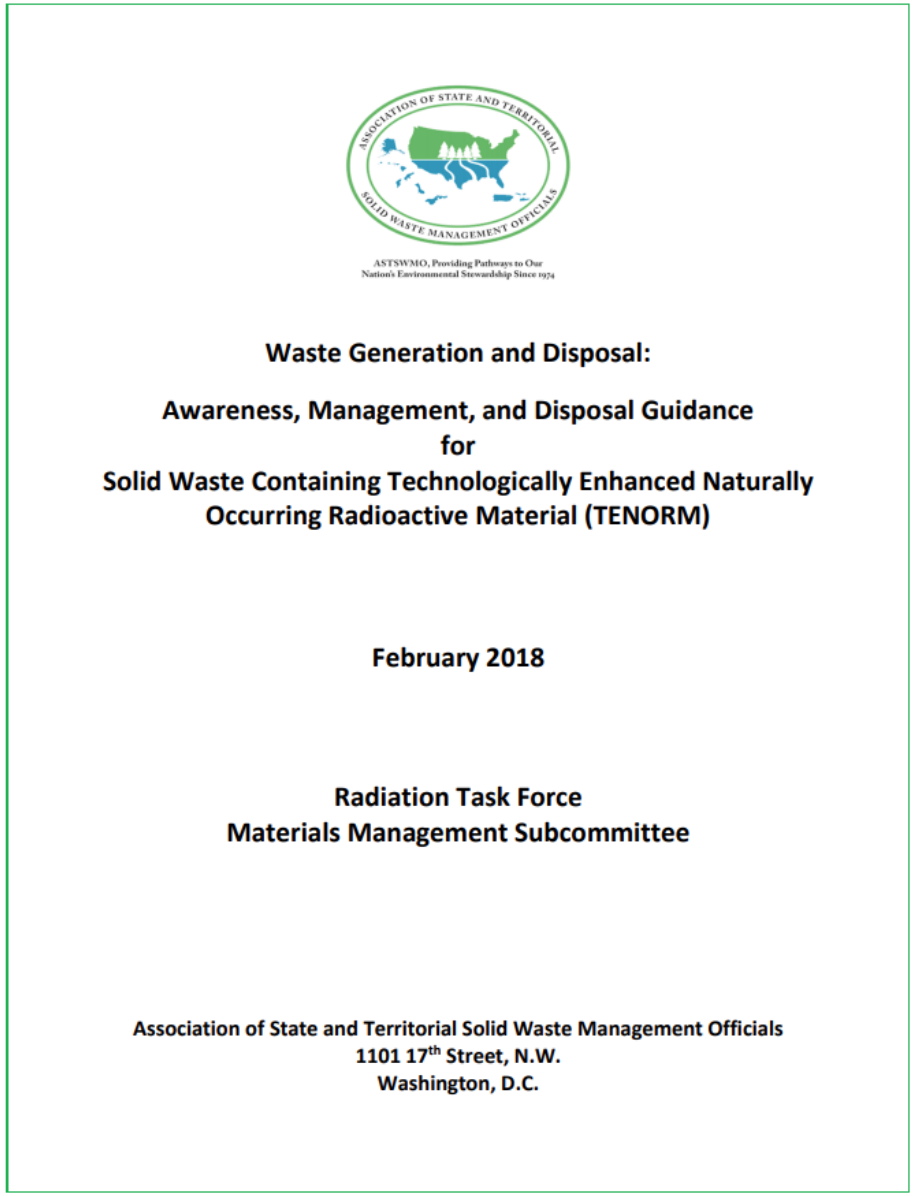
Libby McCaskill (OK) – Vice-Chair

Radiation Task Force Mission

- The mission of the Radiation Task Force is to promote State and Territorial (State) interests in national level radiation issues.
  - Produces papers, presents webinars, and develops other products as necessary to promote State interest;
  - Coordinates State input on radiation issues;
  - Encourages improved partnerships between State and federal agencies.

Technologically Enhanced Naturally Occurring Radioactive Material (TENORM)

- On February 15, 2018, the Radiation Task Force published a TENORM guidance document.
- The document was developed to assist regulators, solid waste managers, disposal facility operators, and those that encounter TENORM in their operations.
- Contents include: TENORM Management Issues, Tools for Disposal Facilities, Dose Assessment, Disposal Case Studies, and many useful references.



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

Waste Generation and Disposal:

Awareness, Management, and Disposal Guidance for Solid Waste Containing Technologically Enhanced Naturally Occurring Radioactive Material (TENORM)

February 2018

Radiation Task Force
Materials Management Subcommittee

Association of State and Territorial Solid Waste Management Officials
1101 17th Street, N.W.
Washington, D.C.

Technologically Enhanced Naturally Occurring Radioactive Material (TENORM)

- On February 14, 2019, the Radiation Task Force presented the TENORM guidance document as a webinar.

ASTSWMO Comments to Nuclear Regulatory Commission

- In March 2020, the Nuclear Regulatory Commission (NRC) published a proposed interpretive rule in the Federal Register regarding the "Transfer of Very Low-Level Waste to Exempt Persons for Disposal".
- The Radiation Task Force identified the proposed interpretative rule as a potential issue for solid and hazardous waste programs.
- The Materials Management and Hazardous Waste Subcommittees issued a comment letter in July 2020.
- The comment letter identified and discussed potential impacts on solid and hazardous waste facilities, and implementation concerns with the proposed interpretive rule.
- In December 2020, the NRC withdrew the proposed interpretive rule.

Radiation Regulatory Framework 101: Regulatory Authority of States, NRC, and EPA

- As a part of this year's ASTSWMO Mid-Year Meeting, the Task Force will host a session with the NRC and EPA discussing how radiation regulation authority is handled among State and federal agencies, and how they interact.

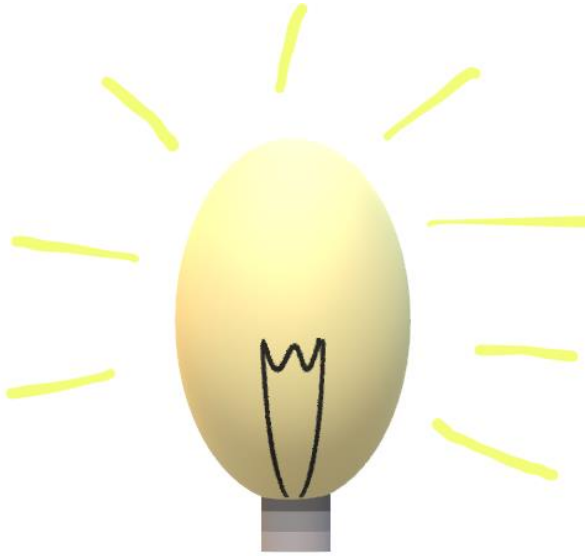
THURSDAY, APRIL 29, 2021 JOINT HAZARDOUS WASTE & MATERIALS MANAGEMENT Register at: https://attendee.gotowebinar.com/register/3156782958795931404	
3:30 – 4:45 PM	**Radiation Regulatory Framework 101: Regulatory Authority of States, NRC, and EPA** Organized by ASTSWMO Radiation Task Force Disposal of very low-level radioactive waste can have an impact on hazardous waste and solid waste facilities. The session will discuss what agencies regulate radioactive material, what exactly they regulate and how they interact. Presenters: • Kristen Schwab (WA), Chair, ASTSWMO Radiation Task Force • Maurice Heath, Division of Decommissioning, Uranium Recovery, and Waste Programs, U.S. Nuclear Regulatory Commission (NRC) • Dan Schultheisz, EPA Office of Radiation and Indoor Air, and Ross Elliott, EPA Office of Resource Conservation and Recovery

Radiological Disaster Debris

- The latest topic of interest for the Radiation Task Force is radiological disaster debris.
- The Radiation Task Force sent out a survey to ASTSWMO members to try and learn what guidance or resources States might need.
- The survey results will be compiled and a work product developed.

Audience Input

- What issues could the Task Force address in future projects that would be most helpful to you?
- Drop your ideas into the Questions Panel now, or if you think of something later, e-mail me at libby.mccaskill@deq.ok.gov.



Solid Waste Disposal and Conversion Task Force

KATHRYN PERSZYK (VA) – CHAIR

SUZANNE ENGELS (WY) – VICE-CHAIR

Task Force Purpose

Provide program development information and support for State and Territorial waste program managers and staff and

Provide input to EPA and other interested parties on their proposed priorities and initiatives for municipal solid waste landfill programs.

Odor Control at RCRA Subtitle D Landfills

Introduction

Elements of Landfill Odor

Factors Affecting Odor Development

Odor Control Options

Case Studies

Appendices

- Links to State Regulations
- H2S Control Strategies

Coal Combustion Residuals Work

ANPRM for CCR Legacy Surface Impoundments (Feb 2021)

Engaged with HW Subcommittee to comment on RCRAInfo CCR proposal (Sept 2020)

Proposed Federal CCR Permit Program (July 2020)

EPA Beneficial Use Stakeholder Call (June 2020)

Proposed Closure Part B: Alt Demo for Unlined Impoundments (April 2020)

Proposed Reconsideration of Beneficial Use of CCR (Oct 2019)

- Engaged with the Beneficial Use Task Force

Other Solid Waste Disposal Issues

ANPRM: Criteria for Liquids Management at MSW Landfills (May 2019)

Pushed for EPA Guidance on Post-Closure Care Termination

Poll Question 1

SOLID WASTE DISPOSAL ISSUES

Poll Question 2

SOLID WASTE CONVERSION ISSUES

Solid Waste Disposal & Conversion Task Force

Kathryn Perszyk (VA) – Chair

Kathryn.Perszyk@deq.Virginia.gov

Suzanne Engels (WY) – Vice-Chair

Suzanne.Engels@wyo.gov

Sustainable Materials Management Task Force

Janine Bogar (WA) – Chair

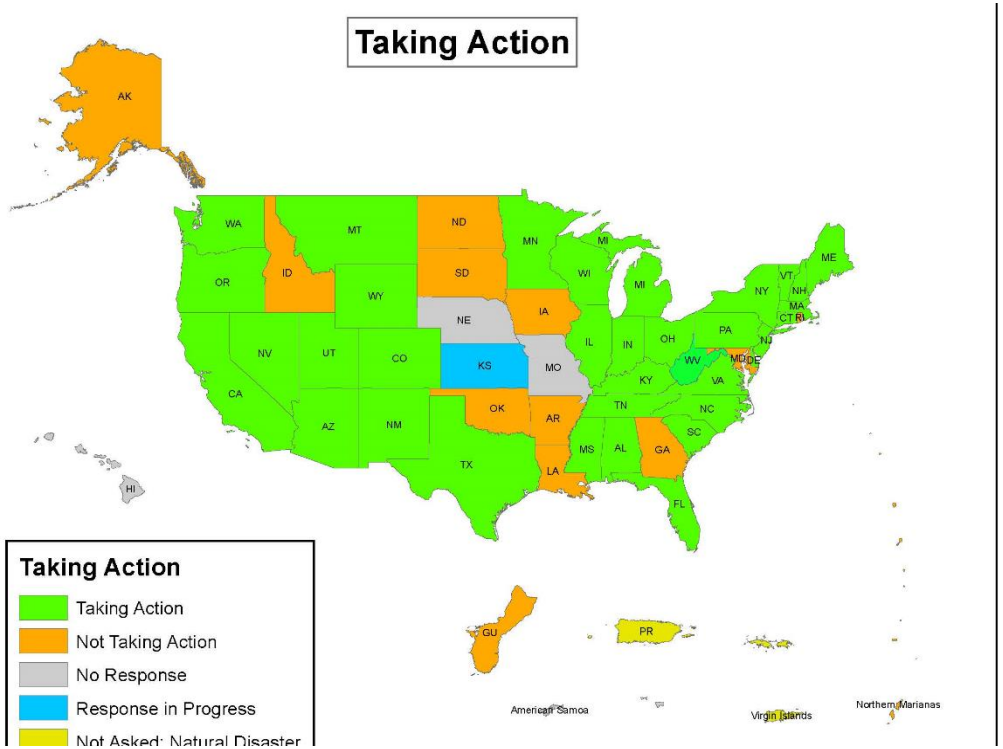
James Jennings (IL) – Vice-Chair

SMM Task Force Mission

Provide leadership and promote actions that reduce waste, conserve resources, prevent pollution, and foster sustainability

State Responses to Evolving Recycling Markets

- Coordinated national survey responses to recycling market restrictions
- Authored report reflecting State and Territorial responses
- Covered wide range of programmatic activities, such as legislative changes and recycling program activities
- Highlighted examples of success stories from various jurisdictions
- 2020-21 update ongoing



Food Waste

- Facilitating quarterly national roundtable on food loss minimization strategies
- Engaging a wide range of speakers and participants involved in food recovery
- Examining impact of COVID-19 on food supply chain
- Presented ASTSWMO'S Food Waste work at USDA's Agricultural Outlook Forum
- ASTSWMO food waste webpage

Engaging on Emerging Waste Streams and Practices

- Chronic wasting disease waste management
- Solar panel recovery
- Wind turbine blade management
- Flame-retardant plastics recycling
- Organics recycling expansion
- Extended producer responsibility
- Chemical recycling
- Right-to-repair

Collaboration with US EPA

- Involvement in National Recycling Workgroups
- Comments on National Recycling Strategy and Proposed Recycling Goal
- Roundtable discussions with program and subject matter experts

SMM Issues of Interest: Audience Poll

- **What sustainable materials management topics would be helpful for your programs?**

Thank you

- **Janine.Bogar@ecy.wa.gov**
- **James.M.Jennings@illinois.gov**

Materials Management Subcommittee

Current and Upcoming
Task Force Membership Openings

Beneficial Use:	Regions 7 and 9
Radiation:	Regions 2, 5 and 10
Solid Waste Disposal & Conversion:	Regions 2, 3, 7 and 9
Sustainable Materials Management:	Regions 2, 4 and 10

New Member Form Available at:
http://astswmo.org/get-involved-and-become-a-member/

The End.

Thank You!
Please respond to the Feedback Survey.