

# 2030 Solid Waste Master Plan and Waste Ban Regulations

Mass Municipal Association Webinar

John Fischer, MassDEP

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# What is the Solid Waste Master Plan?

- Big picture plan for how we will manage our trash
- Prioritizes meeting waste disposal need by reducing disposal
- Current plan published in October 2021
- This plan runs through 2030

# Where does our trash go?

- In state disposal – about 3.9 million tons
  - 7 Municipal waste combustors - 3 million tons
  - 5 Landfills – 900,000 tons
- Out of state disposal (net) – about 1.6 million tons
  - More than 200 waste transfer stations
  - Increase in rail-based transfer
  - Receiving states include
    - Ohio
    - New Hampshire
    - New York
    - South Carolina

# What are our waste reduction goals?

- Ensure adequate capacity to manage our waste
  - Preferred option to reduce the amount of waste disposed
  - Capacity limitations will affect disposal cost
- Reduce disposal by 30% by 2030
- Reduce disposal by 90% by 2050

# Waste Ban History & Background

- First waste bans promulgated in early 1990s
- Done via regulation under statutory authority
- “No person shall dispose, transfer for disposal, or contract for disposal or transport of the restricted material...”

# Waste Ban Approach

- Develop and implement new waste bans over period of several years
- Combine with technical assistance, education and outreach, and market development initiatives
- Focus on compliance by larger generators – businesses and institutions
- New bans – emphasize compliance assistance initially

# Waste Ban Implementation

- Inspections, Compliance & Enforcement
  - Solid waste facilities required to maintain and implement waste ban compliance plans
  - MassDEP conducts inspections at solid waste facilities
  - Issue enforcement when observe loads with significant amounts of a banned material
  - Typically, only enforcement against business, institutional, or government generators or waste haulers
  - Not residents

# New Waste Disposal Bans

- Effective date of new bans is November 1, 2022
- Will include mattresses, textiles and reduced food waste threshold (from 1 ton to ½ ton per week)
- Solid waste facility revised waste ban compliance plans due by August 1, 2022
- Most municipal facilities need to revise plan, but only need to submit certification form



# Food Waste Ban

- Food waste largest portion of MSW – about 1/5<sup>th</sup>
- Will add about 2,000 entities – restaurants are the sector with the largest increase
- May affect about 30 largest public schools,  
RecyclingWorks Food Waste Estimator Tool
  - <https://recyclingworksma.com/food-waste-estimation-guide/>
- RecyclingWorks Technical Assistance and Guidance
  - [www.recyclingworksma.com](http://www.recyclingworksma.com)

# Textiles

- Dispose about 260K tons/year – about 5% of trash
- All types of textiles – must be clean and dry
- Many active charity and private collection programs in Mass.
- Curbside and drop-off program models
- Textile recovery organizations
  - <https://www.mass.gov/doc/textile-collection-organizations-operating-in-massachusetts-august-2022/download>
  - Beyond the Bin Directory at <https://recyclesearch.com/profile/ma>

# Mattresses

- About 600K mattresses/year – about 200K residential
- All size mattresses and box springs
- Includes foam mattresses
- Only 1-2% of mattresses not recyclable
- State mattress recycling contract – FAC 90
- Additional mattress recyclers –  
[www.recyclingworksma.com](http://www.recyclingworksma.com)

# Mattress Disposal Documentation

- If wet, moldy, or infested with bed bugs, document the number of mattresses, condition of each, and how stored and managed to prevent contamination.
- Not acceptable to store mattresses uncovered outside and then send for disposal because they are wet. Intentional contamination of waste ban materials is considered a waste ban violation.

# Documentation Needed to Send for Disposal

- As long as materials stored & managed properly & this documentation is maintained and provided to MassDEP upon request, unrecyclable mattresses can be sent for disposal without requiring a MassDEP waste ban waiver.
- Developing certification form to use to document contaminated/non recyclable status to haulers and/or solid waste facilities

# Municipal Assistance

- Sustainable Materials Recovery Program Grants
- Recycling Dividends Program
- Municipal Assistance Coordinators
- State contracts – FAC 90 for mattresses
- The Green Team/RecyclingWorks in Massachusetts
- Municipal mattress management options
  - <https://www.mass.gov/guides/massdep-waste-disposal-bans#-municipal-compliance-assistance->

# Business and Institution Assistance

- RecyclingWorks in Massachusetts
  - 888-254-5525
  - [info@recyclingworksma.com](mailto:info@recyclingworksma.com)
  - [www.recyclingworksma.com](http://www.recyclingworksma.com)
- Business Development Grants & Loans
  - Recycling & Reuse Business Development Grants
  - Recycling Loan Fund

# For More Information

- <https://www.mass.gov/guides/solid-waste-master-plan>
- <https://www.mass.gov/guides/massdep-waste-disposal-bans>
- <https://www.mass.gov/service-details/mattress-recycling>
- <https://www.mass.gov/guides/massdep-textile-recovery>
- <https://www.mass.gov/lists/massdep-waste-recycling-grants-assistance>
- For more information
  - John Fischer, [john.fischer@mass.gov](mailto:john.fischer@mass.gov)