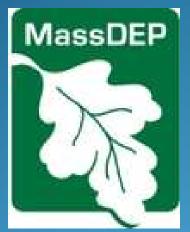
2030 Solid Waste Master Plan and Waste Ban Regulations



Mass Municipal Association Webinar John Fischer, MassDEP October 17, 2022

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 1/5th
- 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-estimationguide/
- RecyclingWorks Technical Assistance and Guidance
 - 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

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
 - 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-grantsassistance
- For more information
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