

WHAT'S NEW?

Fall 2021 WasteWise Forum | November 10, 2021





FREE ASSISTANCE FOR BUSINESSES & INSTITUTIONS

RecyclingWorks MA is funded by MassDEP, delivered under contract by the Center for EcoTechnology

recyclingworksma.com

A woman with dark hair is seen in profile, working at a desk. She is looking at a laptop screen. A white desk lamp is positioned over her work area. The background shows a window with sheer curtains. The scene is overlaid with a semi-transparent green banner containing text.

Evaluate existing waste streams

Identify opportunities to prevent, recover, and divert waste

Empower employees through education and training

Create customized waste bin signage

Conduct cost analysis

Currently offering remote or in-person assistance

Technical Assistance



FOOD SCRAPS RESTOS DE ALIMENTOS



ALL FOOD SCRAPS

Fruit & vegetable peels
Dairy, eggs, grains, bread
Meat, fish, poultry
Bones, shells



NO

Tissues, napkins, paper towels
Compostableware
Coffee cups, wrappers
Plastic, metal, glass



TODOS LOS RESTOS DE ALIMENTOS

Pieles de frutas y vegetales
Lácteos, huevos, granos, pan
Carne, pescado, aves
Huesos, cáscaras

NO

Pañuelos de papel, servilletas,
papel toalla
Utensilios compostables
Taza de café, envoltorios
Plástico, metal, cristal

Translation Services

MASSACHUSETTS WASTE BANS

(Include but not limited to the following materials)

Commercial food waste (applies to entities generating more than 1 ton per week, changing to ½ ton per week effective Nov. 1, 2022)

Cardboard & paper

Metal, glass, and plastic containers

White Goods

Construction & demolition materials

recyclingworksma.com/waste-bans-and-compliance/



TEXTILE DISPOSAL BAN

Effective November 1, 2022.

Includes clothing, footwear, bedding, towels, curtains, fabric, and similar products

<https://www.mass.gov/guides/massdep-waste-disposal-bans>

TEXTILES

Businesses such as hotels, healthcare facilities, colleges & universities, and retail operations often have textiles they no longer need. The majority of textiles, including apparel, linens, and other fabrics, can be reused or converted into new products rather than thrown away. It is important to collect and recover textiles separately, as they do not belong in recycling containers of any kind and can cause equipment damage and worker safety challenges at recycling facilities.



MassDEP Disposal Ban on Textiles

Effective November 1, 2022, the Massachusetts Department of Environmental Protection (MassDEP) is adding textiles to list of materials that are **banned from disposal**. This applies to any clothing, footwear, bedding, towels, curtains, fabric, and similar products, except for textiles that are contaminated with mold, bodily fluids, insects, oil, or hazardous substances. See the **MassDEP Final Waste Ban Amendments** for additional details.

There is a growing infrastructure for textile recovery in Massachusetts and RecyclingWorks provides free technical assistance to help businesses and institutions establish textile recovery programs before the disposal ban goes into effect. Contact us to learn more: **888-254-5525** or **info@recyclingworksma.com**.

How to Recover Textiles



Where Do Textiles Go?



Old Stone Mill Center Zero Waste Maker Space

ADAMS, MASSACHUSETTS

ALADCO
LINEN SERVICES



MATTRESS DISPOSAL BAN

Effective November 1, 2022

Includes mattresses and box springs, except for those contaminated with mold, bodily fluids, insects, oil, or hazardous substances



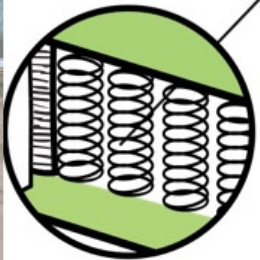
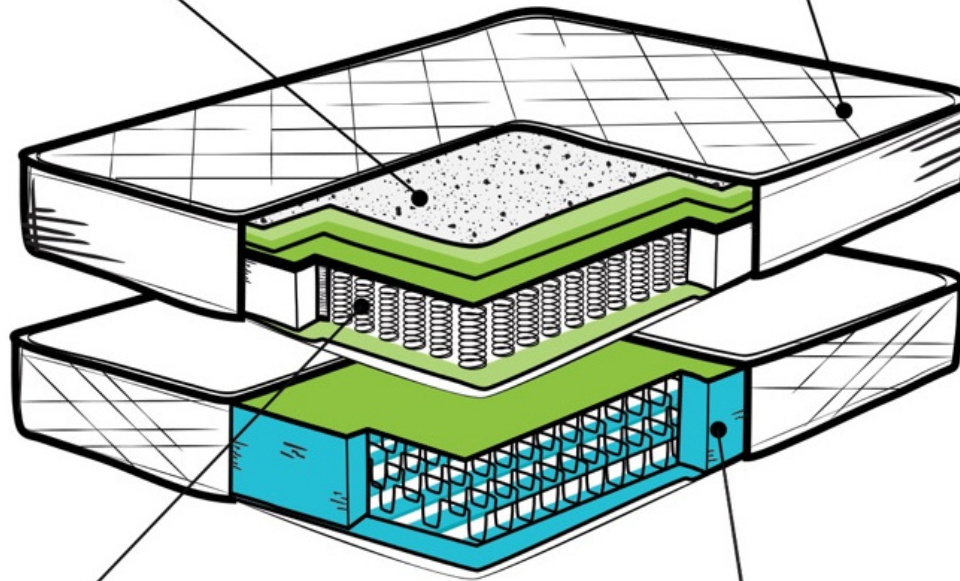
Foam Padding

- Turned into carpet underlayment or animal bed padding



Fabric/Fibers

- Used in industrial oil filters and other textile applications



Steel Springs

- Recycled as metal scrap
- Used to make new appliances and building materials



Wooden Frames

- Shredded to produce landscaping mulch or burned as an alternative fuel source





MATTRESSES

Many hotels, colleges and universities, healthcare facilities, and multifamily properties end up with used mattresses that need to be removed. There is a growing infrastructure for mattress recycling in Massachusetts and mattresses contain many recyclable materials with established markets. Because of their bulky size, mattresses can be challenging for haulers and disposal sites to manage. Working with a dedicated mattress recycler is a preferable option. Read on to learn more about how to set up a mattress recycling program at your facility.



Photo courtesy of UTEC Mattress Recycling

MassDEP Disposal Ban on Mattresses

Effective November 1, 2022, the Massachusetts Department of Environmental Protection (MassDEP) is adding mattresses to list of materials that are **banned from disposal**. This applies to any mattresses, including foundations or box springs, except for mattresses that are contaminated with mold, bodily fluids, insects, oil, or hazardous substances. See the **MassDEP Final Waste Ban Amendments** for additional details.

RecyclingWorks provides free technical assistance to help businesses and institutions implement a mattress recycling program before the disposal ban goes into effect. Contact us to learn more: **888-254-5525** or info@recyclingworksma.com.

Donating Mattresses for Reuse





FOOD WASTE RESOURCES

Food Waste Estimation Guide

Source Reduction Guidance

Donation Basics

Source Separation Guidance



Sectors

Restaurants
Supermarkets
Offices
Hospitality
Healthcare
Colleges & Universities
Stadiums/Venues

Resources

Diverting Food Waste
Recycling Cardboard, Paper, and Containers
Takeout packaging
Waste Ban Compliance Tips
Training and Signage
Case Studies

recyclingworksma.com/how-to/business-sector-guidance/

Compost Site Technical Assistance

Agricultural, municipal or private facility that currently engages in composting materials including food materials

Agricultural, municipal or private facility that currently does not engage in any composting but would like to begin composting, including accepting food materials

Business or institution that would like to begin composting food waste on-site

Smaller sites such as community gardens (by request)



Brandeis
UNIVERSITY

College & University Case Study Brandeis University

With an enrollment of approximately 5,000 students, Brandeis University's campus spans 100 buildings, including two dining halls, five food retail locations, and 19 campus residence areas. Brandeis University is a research institution located 9 miles west of Boston. To further enhance the institution's recycling and composting program, their waste hauler suggested contacting RecyclingWorks in Massachusetts (RecyclingWorks) for support with dorm and public space recycling. During the same year, Brandeis also began planning a strategy to incorporate sustainability goals into a new food service contract. The steps taken by Brandeis University to implement its programs offer a learning opportunity for other businesses and institutions.

At A Glance

- **Brandeis University** is a research institution in Waltham. Their 235-acre campus includes two dining halls.
- Through a focus on food service contracting, the university established a performance plan for their third-party food service provider focused around eight key sustainability goals.
- Waste diversion priorities at the institution include recycling and composting education, reuse during student move-out, food waste reduction, expanding compost access, and eliminating recycling contamination.
- Through these initiatives, Brandeis University has reduced waste, engaged students, staff and faculty, and garnered positive press for its efforts.

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RecyclingWorks in Massachusetts is a recycling assistance program funded by the Massachusetts Department of Environmental Protection and delivered under contract by the Center for EcoTechnology that helps businesses and institutions reduce waste and maximize recycling, reuse, and food recovery opportunities.

- Food Service Contracting
- Composting and Recycling Education
- Engagement is key



Reuse & Renovation Case Study

Home City Development, Inc.

Home City Development, Inc. (HCDI) is a non-profit real estate developer based in Springfield. In June 2018 the firm purchased the Elias Brookings School with a plan to renovate the historic building to create 42 affordable housing units. Constructed in 1925, the 50,000 square foot building had been vacant since it sustained tornado damage in 2011. Although HCDI has extensive experience renovating buildings into apartments, the firm had less experience with salvaging materials from projects for reuse. After recognizing the volume of material remaining in the closed school, developer Peter Serafino contacted RecyclingWorks in Massachusetts (RecyclingWorks) for support in the process of finding outlets for materials left in the building.

At A Glance

- Non-profit real estate developer, **HCDI**, in Springfield, found success reusing and recycling materials during a renovation project that transformed an abandoned school into an affordable housing complex.
- HCDI identified and adopted a new approach that incorporates considerations for recovering as much material as possible.
- The Elias Brookings School renovation project resulted in 33 tons of material diverted for reuse and recycling.
- As a result of this approach, HCDI saved money, reduced its environmental impact, and built goodwill in the communities where it operates.



Joni Lohr Photography

- Plan early to get materials out
- Money saved, and materials reused
- Positive impact in the community

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Partnerships with Impact

Industry Associations

Municipalities

Chambers of Commerce

Municipal Assistance Coordinators

Community Organizations

Contact Info

RecyclingWorks Hotline
(888) 254-5525

Info@RecyclingWorksMa.com
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Thank You!

