

Solid Waste Advisory Committee

May 5, 2022





Meeting Agenda

- Recycling Market Development
 - Recycling Market Development Workgroup
 - Recycling Business Development Grants
- Construction & Demolition Debris
 - C&D Subcommittee
 - C&D Bulky Waste Study
- Emergency Regulations for Avian Flu
- Reduce and Reuse Workgroup
- Sustainable Materials Recovery Program Grant Application
- New Waste Bans
 - Implementation and Outreach Update
 - Organics Subcommittee Meeting
 - Waste Ban Webinar for Haulers
 - Third Party Inspector Training

Recycling Market Development



Recycling Market Development Workgroup

- January 13, 2022: Current State Market Development Programs
 - MassDEP
 - Operational Services Division (OSD) Environmentally Preferable Products Procurement Program
 - MassDevelopment
 - Massachusetts Office of Business Development
- February 17, 2022: Regional & National Perspectives
 - Circular Matters
 - Northeast Recycling Council
 - Survey Results



Recycling Market Development Workgroup

- April 7, 2022-Business Support & Economic Development: Grants and Financial Assistance
 - #1 Packaging
 - #2 Organics
 - #3 Construction and Bulky Materials –furniture, mattresses, textiles and household goods
 - #4 Materials with New and Evolving Markets – such as solar panels, wind turbines, and EV batteries
- **Google Group**
- **Next Recycling Market Development Working Group (w/breakout sessions): June 7, 2022 from 1-3 pm**
 - Demand Side Strategies – public and private sector procurement to build demand for reused and recycled content products



Recycling Market Development Workgroup

- Fall 2022:
 - Early Fall: Education, Outreach, Networking, and Information Sharing
 - Late Fall: Final Working Group Prior to Drafting Action Plan- Research & Development – product testing, technology development
 - For more information: <https://www.mass.gov/service-details/massdep-recycling-market-development-workgroup>

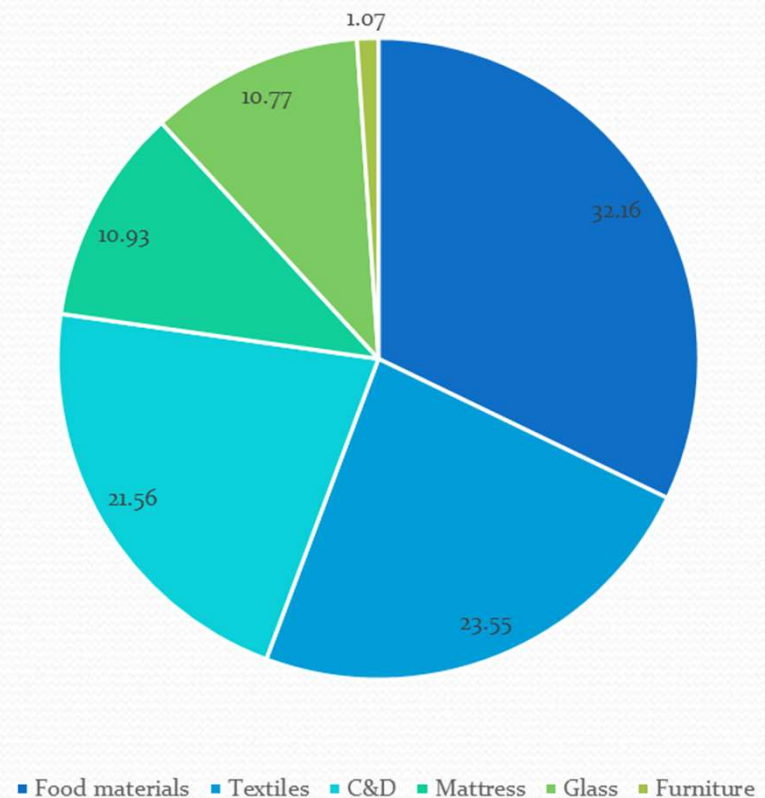
Recycling Business

Development Grant-CY 22

- **27 applications**
- **Requesting Appx. \$7.5 M**

- Food > \$2.4M
- Textiles > \$1.7M
- C&D > \$1.6M
- Mattresses > \$815k
- Glass=\$800k
- Furniture > \$80k

RBDG Application Percentages



Construction & Demolition Debris



C&D Subcommittee

- Next Meeting: Wednesday, May 25, 2022
 - 10:00 AM – 12:00 PM EDT via Zoom video webinar
 - Open to public but must register to attend
- Agenda topics:
 - CY2021 C&D Annual Report Summary Data;
 - Latest C&D Facility MPS Status;
 - Regulatory updates;
 - Industry updates.
- For registration, go to: <https://www.mass.gov/service-details/massdep-construction-demolition-subcommittee>.



C&D Bulky Waste Study

- Address industry concerns about including Bulky Waste in MPS Process Separation Rate Calculation
- Obtain clear data on percent of recoverable materials in bulky waste loads
- MassDEP engaged well-respected, independent consultant team – collaborative effort by CET & MSW Consultants



C&D Bulky Waste Study

- Conduct waste characterization study focusing on Bulky Waste (BW) (e.g., residential & commercial clean-out loads, etc.)
- Sample 200-250 BW loads over 10 days at 4-6 C&D Handling Facilities with highest volume of BW
- Analyze waste composition profile and percent recoverability for re-use/recycling markets
- Issue final report in July/August 2022

Emergency Solid Waste Regulations

Emergency Solid Waste Regulations

- Enables avian flu carcass management response
- Changes to 310 CMR 19.061
- Would allow waste combustors and ash landfills to accept infectious animal carcasses & associated materials
 - Only under disposal order from Dept of Agricultural Resources or Fisheries & Wildlife
 - Would require specific MassDEP approval in consultation with Dept of Public Health
- Public hearing via Zoom on May 10
- <https://www.mass.gov/service-details/massdep-public-hearings-comment-opportunities>


Reduce & Reuse Workgroup

Brooke Nash
Branch Chief

SMRP Grants

Sustainable Materials Recovery Program
(SMRP) Grants

Janine Bishop, MassDEP
Grant Manager



	FY17	FY18 (↑ RDP \$/point)	FY19 (↑ RDP # points required from 6 to 8)	FY20 (RDP Combined Drop-off and Curbside)	FY21 Covid-19	FY22 Covid-19
Requested	\$5.1 M	\$7.3 M	\$6.7 M	\$8.1 M	\$6.7 M	\$3.2 M
# of Applicants	222	246	249	269	273	284
Awarded	\$4.1 M	\$6.5 M	\$5.2 M	\$6.9 M	\$4.5 M	\$3.2 M
# of Awardees	220	243	247	268	271	268



SPRING 2022 GRANTS

- DROP-OFF RECYCLING EQUIPMENT
- CURBSIDE RECYCLING & ORGANICS CARTS
- MATTRESS RECYCLING INCENTIVE
- PAY-AS-YOU-THROW
- REGIONAL SMALL SCALE
- RECYCLING DIVIDENDS PROGRAM

DROP-OFF EQUIPMENT U-WASTE SHED

- Reimbursement of up to \$5,000
- Enclosed, rigid, weather-proof
- FAC110 for processors

Universal Waste shed in Nantucket (Muni20)



CURBSIDE WHEELED RECYCLING CARTS

- Eligibility requires trash limit of 35 gallons a week or those with a full PAYT program.
- Reimbursement will be \$20 per cart, plus \$1 per cart for the required in-molded label
- Maximum award amount: \$210,000
- Vendors available on [FAC113](#)

CURBSIDE WHEELED ORGANICS CARTS

- Reimbursement will be \$20 per cart
- Maximum award amount: \$105,000
- Vendors available on [FAC113](#)



MATTRESS RECYCLING INCENTIVE GRANT PROGRAM

- Promote source-separated residential mattresses and box springs collected at a drop-off site OR collected curbside and aggregated at a central drop-off location.
- Grant provides reimbursement for a collection container up to \$10,000.



MATTRESS COLLECTION CONTAINERS



Massachusetts State Contracts FAC113, FAC86, FAC100 www.commbuys.com/bsol

PAY-AS-YOU-THROW

- **New Drop-off PAYT Program**
\$10 per HH
- **New Curbside PAYT Program**
\$10 to \$30 per HH
- **Upgrade to Existing PAYT Program**
\$5 to \$30 per HH





REGIONAL SMALL SCALE INITIATIVES

Population	Grant Award
less than 15,001	\$1,000
15,001 - 25,000	\$1,250
25,001 - 50,000	\$1,500
50,000 +	\$2,000



RECYCLING DIVIDENDS PROGRAM

- Maximize reuse, recycling, and waste reduction.
- Only one option per category is allowed
- Households served by the municipal trash program.
- Programs claimed must be in place and operational from July 1st, 2021 through June 30th, 2022.



Twelve Criteria [1-5 pts]

Earn 1 – 27 points

Two funding levels, depending on points earned – Basic 1-9 pts and Advanced 10+

Certain EJ municipalities, point value
Advanced level regardless of pts earned

Fiscal Year Activities

Rolling Funds

RECYCLING DIVIDENDS PROGRAM



RDP CRITERIA

- Bulky Items
- CHARM
- Curbside Recycling Regulations
- Diversity, Equity, and Inclusion in Recycling Program
- Household Hazardous Waste
- Organics
- Recycling Center Access
- Reuse Programs
- Solid Waste Reduction
- Textile Recovery Initiative
- Waste Prevention Outreach and Education
- Yard Waste



Approved Spending Categories

- Same spending for RDP and Regional Small Scales
- Please see [approved spending categories](#) for a list of approved expenditures
- One extra request per calendar year
- Be prepared to be audited



CONTACTS

- **SMRP Grant Manager**

Janine Bishop Janine.Bishop@mass.gov

- **Minimum Eligibility Requirements**

- **Drop-off, Curbside Carts**

Cathy Doodnauth Cathy.Doodnauth@mass.gov

- **Mattress Recycling Incentive Program**

- **Pay-As-You-Throw**

Rachel Smith Rachel.Smith@mass.gov

- **Recycling Dividends Program**

Wilfred Mbah Wilfred.Mbah@mass.gov



Title	Link url
SMRP Grant Webpage	https://www.mass.gov/how-to/apply-for-a-sustainable-materials-recovery-program-smrp-municipal-grant
Recycling Dividends Webpage	https://www.mass.gov/how-to/apply-for-smrp-recycling-dividends-program-funds
RDP & Small Scale Approved Spending	https://www.mass.gov/doc/rdp-small-scale-initiative-approved-spending-categories/download
MassDEP Mattress Website	www.mass.gov/service-details/mattress-recycling
Municipal Assistance Coordinators (MACs)	https://www.mass.gov/guides/massdep-municipal-assistance-coordinators

New Waste Bans



Key Date

- November 1, 2022 – effective date of new waste bans
 - Mattresses
 - Textiles
 - Reduced food waste threshold (drops from 1 ton to ½ ton per week)



Outreach on New Waste Bans

- Emails to all relevant lists on new regulations & guidance
 - SWAC, C&D Subcommittee, Organics Subcommittee
 - Recycle-MA Google Group
 - MAC newsletters
 - Recycling Works email announcement & newsletter
 - Mailing list of 8,000
- SWAC Meeting – Oct 2021
- Organics SC mtg – Nov 2021
- WasteWise Forum – Nov 2021
- Zero Waste Caucus – Dec 2021



Outreach on New Waste Bans

- Incorporate into waste ban inspections and follow up communications – facilities, haulers, generators
- Updated waste ban factsheets on web – Jan 2022
- Developed and posted FAQ documents on new waste ban materials – Jan 2022
- Meeting with textile recovery organizations – Dec 2021
- Mass Food Systems Food Rescue Meeting – Jan 2022
- Mass Food Assoc Sustainability Comm – Jan 2022
- Office of Technical Assistance newsletter – Jan 2022



Outreach on New Waste Bans

- Meeting with mattress recyclers – Feb 2022
- Statewide Municipal Recycling Council – Mar 2022
- State Agency Recycling Markets Council – Feb 2022
- NH Solid Waste Working Group – Feb 2022
- RW organics haulers & food reduction outreach –winter 2022
- EBC Solid Waste Conference – Mar 2022
- RW Compost Operators workshop – Mar 2022
- MassRecycle Conference – Mar 2022

RecyclingWorks Business Outreach

- Include in all hotline communication
- Outreach to all relevant business associations and groups
- Outreach to minority owned businesses thru State Supplier Diversity Office
- Update and confirm service provider listings
- Provide multi-lingual outreach materials to haulers, food rescue and other service providers
- Update web content and develop new case studies
- Paid boosts of key content via social media
- Marketing and outreach for Compost Site TA



Waste Ban Compliance Plans

- Key Date
 - August 1, 2022 – revised waste ban compliance plans due
 - Non-C&D Transfer Stations – submit certification form
 - Other solid waste facilities – submit revised waste ban compliance plan with SW 45 permit application
- Will send Letter to solid waste facilities – May 2022



Solid Waste Facility Guidance

- Waste Ban Guidance
 - <https://www.mass.gov/guides/massdep-waste-disposal-bans#-solid-waste-facility-compliance-assistance->
- Added new waste ban materials
- Revised definition for single polymer plastic
- Modified protocols for facility monitoring, inspections & response to failed loads
- Connected with C&D Minimum Performance Standard
- Can submit with other application prior to August 1



Waste Ban Webinar for Haulers

- Thursday, June 16, 3-5 PM
- Will cover
 - Overview of waste ban regulations and new waste bans
 - Hauler waste ban compliance obligations
 - Material specific collection approaches and business opportunities for new waste ban materials
 - Available infrastructure and outlets for new waste ban materials
 - Information and assistance resources for haulers



Organics Subcommittee

- Scheduled for June 1, 1 – 3 PM
- Will review and discuss outreach and technical assistance in support of reduced food waste ban threshold
- For more information - <https://www.mass.gov/service-details/massdep-organics-subcommittee>

Training for Third Party Inspectors

- Annual training scheduled for Tuesday, May 17, 1-3 PM
- Required one-time training for third party waste ban inspectors
- For more information:
 - <https://www.mass.gov/guides/massdep-waste-disposal-bans#-third-party-waste-ban-inspections-&-inspectors->