

Waste Management

Boston Green Tourism

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Global Recycling Industry Developments

Ministry of Environmental Protection of the People's Republic of China (MEP) Informed the World Trade Organization of Its New Waste Policies

Changes to China's Import Policies Effective 1/1/2018

- 1) Ban the import of 24 recyclable commodities
 - Mixed paper
 - Mixed plastics (3-7s)
- 2) Reduce contamination threshold to .5% [3/1/18]
 - Industry standard set by Institute for Scrap Recycling Industries (ISRI) is 1.5% - 5% depending upon the grade
- 3) Suspend all new import license approvals
 - Limit flow of material by restricting the issuance of required import licenses to mills

Global Recycling Industry Developments

Expect Volatility in 2018

- 1) China is the largest importer of recyclables in the world
 - 50% of the global recyclable paper, plastics and metals waste (2016)
 - European Union exports over 95% of its plastic to China
 - US and EU are the largest importers of paper grades into China

- 2) China is the single largest consumer of recyclable materials generated in North America
 - 1/3 of all scrap material collected in the US is shipped overseas, with the large majority of this material going to China

Global Recycling Industry Developments

Global/Local Impacts and POA

- 1) Manufacturers debate using raw vs recyclable materials
- 2) Taxes and bans considered on some plastics
- 3) Commodities market downslide
- 4) Assessment of product design to disposal for recyclability
- 5) Stockpiling, burning or landfilling recyclables
- 6) Diversify end markets
- 7) QUALITY: Technological improvements and consumer education

Waste Management

Accountability and Action: Mitigating Impact to Customers

- 1) Reduce contamination at the point of collection and tipping by drivers and load operators evaluating material
- 2) Sort more types of plastics at MRFs to reduce the amount of mixed plastics banned
- 3) Educate and communicate contamination issues to all waste generators and handlers


Contaminant-Free Recyclables

New England Communities and Competitors

- 1) Ecomaine (recycling co. in ME) now charging \$40-\$70 per ton for contamination
<http://www.dailybulldog.com/db/features/town-faces-extra-costs-if-recycling-trends-continue/comment-page-1/#comments>
- 2) ABC Disposal threatens to stop collecting recyclables from several MA towns effective July 1st unless towns cover the increased costs of recycling
<http://marion.wickedlocal.com/news/20180516/abc-threatens-to-stop-collecting-recyclables>
- 3) Republic Services no longer collecting bagged recyclables or contaminated recycling
<http://bedford.wickedlocal.com/news/20180517/plastic-bags-wont-be-accepted-for-recycling-any-longer-in-bedford>
- 4) Casella Recycling no longer accepting recyclables in plastic bags as of 1/1/19
- 5) Falmouth \$\$ recycling https://www.capenews.net/regional_news/stricter-chinese-policies-boost-cost-of-recycling/article_77ea8039-1e78-51fb-8ab2-d79209741fe0.html
- 6) Russel Disposal requests Wilmington share cost increase
http://homenewshere.com/wilmington_town_crier/news/article_62c742c0-3e73-11e8-99a8-cbb3bfc2ee81.html

Contaminant-Free Recycling


Current Signage




THINK GREEN®

wmm.com
800-545-4545


RECYCLABLE CONTAINERS MUST BE EMPTY AND DRY; NO LIQUID OR FOOD WASTE RESIDUE PERMITTED; NO BAGGED RECYCLABLES




Steel, Tin & Aluminum Cans
Latas de acero, hojalata y aluminio




Plastic Bottles & Containers #1, #2 & #5
Botellas y envases de plástico




Office Paper, Brown Paper Bags, Newspaper, Magazines & Junk Mail
Bolsas de papel marrón, papeles de oficina no confidenciales, periódicos, revistas, correspondencia no solicitada




Paper Cardboard Dairy & Juice Containers
Envases de papel cartón, productos lácteos y jugos





Flattened Cardboard & Paperboard
Cartón y cartulina aplastados



Glass Bottles & Jars
Botellas y frascos de vidrio








DO NOT INCLUDE: Plastic bags, recyclables bagged in plastic bags, food waste or polystyrene foam/plastics #6 and other plastics #3, #4 & #7

NO INCLUYA: Comida desechada, bolsas de plástico o vasos y contenedores de goma de poliestireno

For a complete list of accepted recyclable materials, please visit: <http://RecycleOftenRecycleRight.com>

Single-Stream Recycling

Reciclaje de corriente única





RECYCLE OFTEN.
RECYCLE RIGHT.





Most Common Contaminants

Keep these common contaminants **OUT** of your recycling bin.



NO Recyclables in Plastic Bags
Empty loose recyclables in bin but leave the plastic bag out.



NO Food & liquids
Compost instead! Otherwise, it belongs in the trash.



NO Electronics & Small Appliances
Donate if in good condition, or schedule a bulky item pickup, if available. Check earth911.com for a local drop off site.



NO Textiles, Bedding, Rugs & Carpet
Donate these items if they are in good condition. Large quantities may require special disposal.



NO Hoses, Holiday Lights, Hangers & Extension Cords
They wrap around equipment and can shut down an entire facility! They all go in the trash.



NO Plastic Bags, Film/Sheeting & Flexible Film Packaging
Take plastic bags back to a local grocer to keep bags clean and dry, and prevent them from shutting down recycling facilities. Visit plasticfilmrecycling.org to find a drop off location near you.



NO Paper Napkins, Plates, Cups & Tissues
Compost if possible, and remember to recycle the cardboard tube.



NO Polystyrene Foam
Foam and plastic to-go containers are not recyclable curbside. Find drop off programs for items like foam packing peanuts at earth911.com.



NO Tires, Auto Parts & Scrap Metal
(Not in recycling or trash) Can damage equipment & are safety hazards. Contact local scrap recyclers or retail tire stores for recycling options, or check earth911.com for a drop off center near you.



NO Concrete, Wood & Construction Debris
Can damage equipment & are safety hazards. You may be able to schedule a bulky item pickup - otherwise throw it in the trash or order a roll off bin by contacting Waste Management Customer Service.



NO Medical Waste
(Find safe & secure disposal near you.)



NO Non-Recyclable Plastic
Not everything that is plastic is recyclable! Recycle only food & beverage bottles, jugs and tubs.

For more information on recycling, visit RecycleOftenRecycleRight.com or call 800-972-4545

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