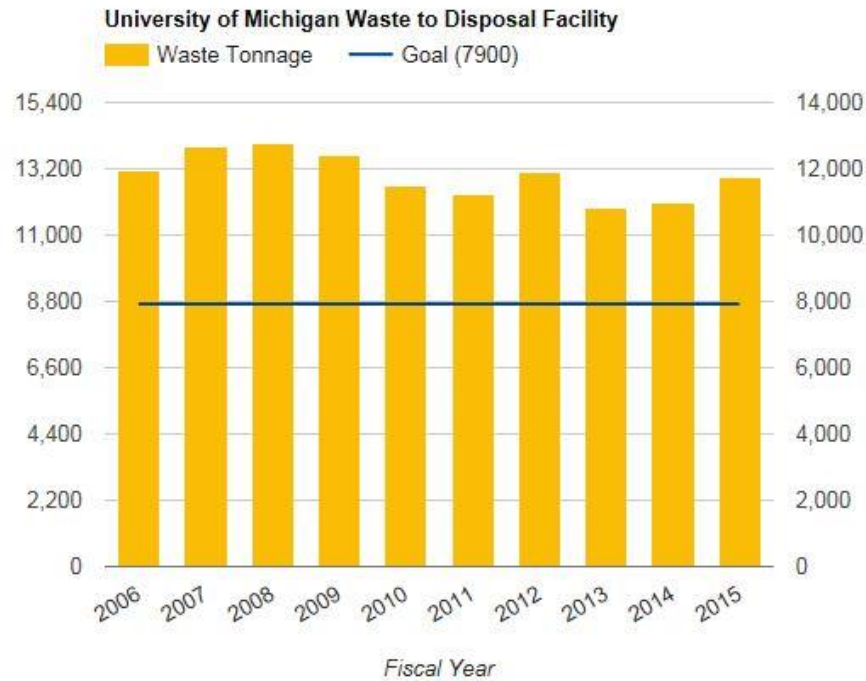




Waste Bin Standardization Project Update



Waste Reduction Goal: Reduce waste going to landfill by 40% of 2006 level by 2025.



Background

- The Waste Bin Standardization Initiative is an effort to standardize waste bins, labels and signage across campus in order to make it easier for the University community to properly and confidently divert waste from landfills.



Recycling
mixed



Landfill



Compost

Background: History of Waste Collection

- 1989: Recycling program begins. Only newspapers are collected.
- 1990-1994: Program expands to include additional paper, all collected separately.
- 1995: Metal, glass and plastic accepted and collected together. Papers collected together.
- 2010: All recyclables collected together.
- 2015: Zero waste events program launches, composting expands across campus.
- 2016: Glass no longer accepted.

President's Sustainability Committees

- An effort to support the 2010 U-M Sustainability Goals.
- 2015: A Waste Reduction Committee and Sustainability Culture Committee are formed, co-chaired by faculty and F&O staff.
 - Developed a variety of recommendations on how to make progress toward the 40% waste to landfill reduction goal and improve sustainability culture at the University.
 - Both committees recommended standardizing waste bins.

Current State: Variety of Bins & Labels



President's Sustainability Committees

- 2016: A Waste Bin Standardization Committee is formed to implement the standardization recommendation from both 2015 committees.
- Committee consists of students, faculty and staff and drew upon best-practices research for the established standards.

Standards

- The waste bin standards adopted by the committee affect:
 - Nomenclature
 - Colors
 - Labels
 - Signs
 - Bins
 - Locations

Nomenclature & Color Standard

- The nomenclature chosen by the committee includes:
 - **Landfill:** Any waste that will be sent to a landfill.
 - Replaces “trash,” “refuse,” “waste,” etc.
 - **BLACK**
 - **Mixed Recycling:** Any waste that will be sent to the MRF utilized by U-M Waste Management Services.
 - Replaces “recycling,” “paper recycling,” “paper only,” “containers,” etc.
 - **BLUE**
 - **Compost:** Any waste that will be sent to the compost facility utilized by U-M Waste Management Services.
 - Replaces “compostable,” “compostables,” “organic waste,” etc.
 - **BROWN**

Label Standard

- Labels will be affixed to waste bin lids only.



Sign Standard

- Sign holders will be affixed to all bins, with eye-level signage included.



paper



cardboard



plastic containers



metal



For more information, visit recycle.umich.edu



wrappers



straws & lids



plastic bags



paper cups



foam



For more information, visit recycle.umich.edu



food waste



compostable ware



coffee grounds & filters



napkins



For more information, visit recycle.umich.edu

Bin Standard

- “Basic”
 - Busch Systems Waste Watcher bin



- “Designer”
 - Busch Systems Spectrum bin



Location Standard

- Landfill bins will always be paired with Mixed Recycling bins.
 - A Compost bin may also be co-located in spaces where compostables are collected.
- To the greatest extent possible, waste bins will be located in centralized areas and may be removed from some classroom and conference room spaces.
- This effort **does not include desk-side waste bins or restrooms.**

Exceptions

- There will be exceptions! (Don't worry - we get this.)
- OCS staff will work closely with facility managers to standardize the exceptions as much as possible. This can include adding signage, labeling or some combination.



Our Process

- OCS staff will reach out to facility managers to schedule walk-throughs during which floor plans will be marked up with locations of existing bins.
- OCS staff will make recommendations on the locations of the new bins based upon the location standard and BFS guidance.
 - These recommendations will be shared back with facility managers for input.
- A date to remove/retrofit existing bins will be mutually decided upon.
- On that date, bins will be removed, altered and/or new bins will be added, along with labeling and signage.
- Afterwards, if you or someone in your facility note an area where bins should be located, contact OCS and we will review the request and add bins if necessary.

Questions?

Tracy Artley

Office of Campus Sustainability

University of Michigan

764-1600

recycle@umich.edu