

UMass Amherst Public Space Waste Diversion

Big Picture and Key Player Perspective

UMassAmherst

Physical Plant
Office of Waste Management

UMassAmherst

UMass Dining

Our Campus



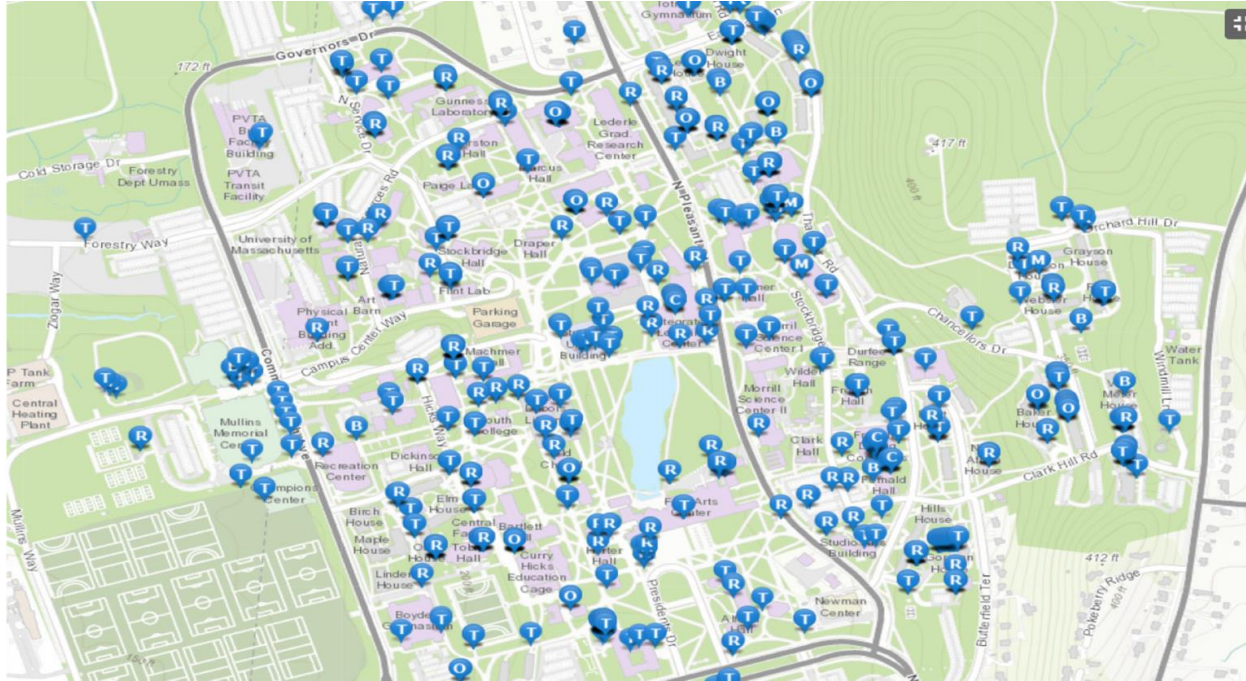
- 23,515 undergraduates
- 7,078 graduates
- 1,300 staff and faculty
- 212 buildings
- 1463 acres

Office of Waste Management



- 18,000 sq.f. facility
- Brought recycling rates up to 51.9% since 1991
- Recycling Tons = 440 tons
- Compost Tons=1,617 tons
- Landfill Tons = 2963

Office of Waste Management



Clear signage - Does it help?



**50 % contamination
AFTER
posting “Dos and Don’t” on bin tops**

UMass Auxiliary Enterprises



- Residential Dining
- Retail
- Catering
- Conference Services
- Hotel UMass
- University Store

Campus Center



- **116 Room Hotel**
- **Conference Services**
- **Meeting Rooms**
- **Catering**
- **Blue Wall with 8 cuisines**
- **Market**
- **Store**

Catering



- **Full Service plated events**
- **Drop off service**
- **Express**

Recycling and composting at catered events.

Giving the customer options.

Retail Cafes



Waste Diversion inside Cafes



90 Stations in 15 Buildings



Need for Standardizing the System



Education Efforts





UMass Dining



- 4 Dining Commons
- Serves 50,000 meals per day
- 22,000 participate in a meal plan

Principles in the Dining Halls



- Trayless, small plates, reusable dinnerware
- Just in time food preparation
- Repurpose foods
- Recovered food in partnership with the Food Recovery Network
- Food Waste composting
- Sustainable procurement (compostable, reusable, collective, and ecologically sound)
- Replaced plastics with compostable materials

Mullins Center



Fine Arts Center



Football Games



Partnerships





15-25%

Of materials disposed of in
campus trash could be
recycled as single stream
recycling

Challenges

Nov. -2017 Sort of Full Weeks Single Stream
50% Contamination By Volume



Challenges



As seen at the Isenberg Hub

- Contamination
 - Confusion
 - Lack of access
 - Carelessness
 - Could care less
- Interfacing with a Culture of Convenience
 - Desire for things to be where we want it, when we want it, free, and suitable for on the go
 - Used to disposing of everything
- Infrastructure and culture shift
 - Need easy access, standardized system, supporting policy, and campus wide effort

Visions of Waste Minimized

