

# Hauler Contracting and Campus Relations

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**SUSTAINABLE UMASS LOWELL**

# ABOUT UMASS LOWELL

- Three distinct campuses tightly integrated into our host city
- 17,000 students and 2,000 employees
- Over 40 buildings with 4.5 million square feet spread across 150 acres
- Over 15 NCAA Division I Athletic Teams
- UMass Lowell has undergone rapid growth between FY 2011 and FY 2015:
  - Enrollment increased by 18%
  - Physical size increased by 24%
  - Emissions decreased by 15%
- New construction and major renovations continue to come online and enrollment is projected to continue to increase.



# CASELLA OVERVIEW

- Founded in 1975 with one truck
- We have 1,900 employees serving over 170,000 customers
- Traded on NASDAQ as CWST
- Over \$545M in annual revenue
- Operations in MA, ME, NH, NY, PA, and VT
- Customers in over 40 states
- Vertically integrated collection, transfer, disposal and recycling operations
- Recovering nearly 800,000 tons of recycling and over 400,000 tons of organics for beneficial use each year
- Since 2005, we have cut our companywide carbon emissions by over 50%





# HISTORY OF PARTNERSHIP

- **1989** Recycling program started at UMass Lowell
- **2008** Single Stream Recycling Program initiated with Casella
- **2012** Casella has a permanent seat on the university Sustainability Subcommittee for our Climate Action Plan
- **2013** UMass Lowell launches Organics Collection Program
- **2014** Further avenues for diversion are increased by looking more closely at move out and move in
- **2015** Recent hauler bid process begins



COLLECTION



ORGANICS



WASTE TO ENERGY



PARTNERSHIP



# UMASS LOWELL BID PROCESS



# BID OUTCOME AND COMMITMENTS

- Student Ambassador Sponsorship
- Tsongas Center Recycling Program, Custom Signage and Stadium Containers
- Aesthetic Improvements to Main Arteries on Campus
- Material reuse connections
- Consolidated waste vendors on campus
- Enhanced, customized reporting and invoicing tailored to stakeholder needs

# EXAMPLE AT FOX HALL



Fox Bid

Fox Installed





# CUSTOM SIGNAGE FOR UML

## RECYCLING

Toss all empty & clean recyclables into this bin

### CARDBOARD/PAPER



Corrugated • Boxboard • Paper Cartons • Office Paper • Junk Mail • Envelopes • Magazines • Newspaper

### PLASTIC



Plastic Containers #1-#7

### METAL



Aluminum • Tin • Foil

### GLASS



Food Jars • Beverage



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## TRASH

Toss items that can't be recycled into this bin



Plastic Bags • Plastic Utensils • Dirty Recycling • Facial Tissue • Napkins • Paper Towels



Condiment Packets • Chip Bags/Wrappers • Styrofoam • Packaging • Shrink & Bubble Wrap



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# TSONGAS CENTER – ENHANCED RECYCLING



# SUMMARY

- The unique approach UMass Lowell took to the bid process has increased the partnership benefits between both parties.
- UMass Lowell and Casella plan to continue this partnership and work on other waste related initiatives. Some highlights include:
  - Expansion of FoH Composting
  - Residential Hall Recycling Program
  - Container placement Improvements indoors and outdoors





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