Hauler Contracting and Campus Relations

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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





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

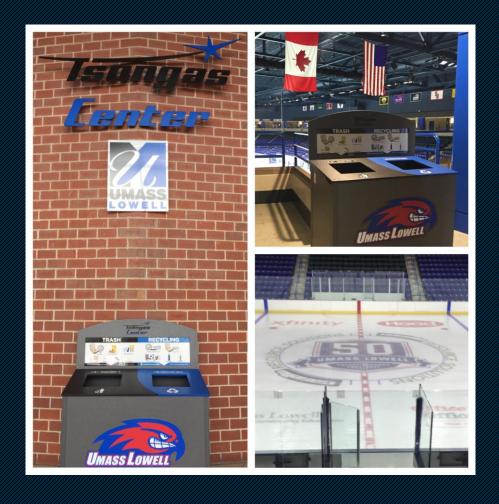








TSONGAS CENTER – ENHANCED RECYCLING



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









SUSTAINABLE UMASS LOWELL

Learn more at uml.edu/sustainability



Learn more at casella.com