

Surplus Store and Recycling

managing waste as a resource







Mission:

To manage MSU's waste as a resource through an integrated system of reuse, recycling, collaboration, innovation and education.

Vision:

To lead MSU toward a culture of zero waste, where all programming is funded through revenue from waste diversion.



Support the Academic Mission

In the Classroom

- Dozens of classroom sessions, tours and hands-on experiences provided annually in collaboration with faculty across several academic units.
- Provide students with practical challenges to solve:
 Design Day, capstone projects, etc...

Research

 Support faculty and student research projects through access to materials, practical applications and connections to private and municipal partners.



Support the Academic Mission

Employment

 Employ 70-80 students. Providing opportunities for highlevel experience in solid waste management that includes access to professional development and networking opportunities for internships and future employment.

Funding

Generate revenue for academic programs.



Zero Waste Hierarchy

Best Use

Reduce and Conserve Materials

Encourage Cyclical use of Resources and Shift Incentives to Stop Wasting

Manufacturers Design Products for Sustainability and Take-Back

Reuse

(Retain Value & Function)

Recycle

Inorganics | Organics

Regulate Disposal

Worst Use



Where we Sell







Surplus Store & www.msususurplusstore. com

Open Monday - Friday





Event Driven















MICHIGAN STATE A T H L E T I C S MSU AgBio Research



We seek to reduce waste by inspiring and promoting creativity, resource conservation and community engagement through art, education and imagination.









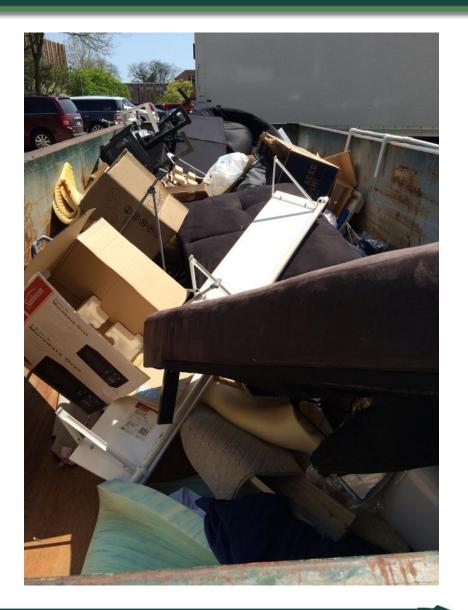




"I recycle because I don't like the thought of throwing stuff in a landfill. I don't want it to just sit there and rot. My service club did a highway pick up for 25 years, and all of us believe we need to make our land a little bit friendlier." Nancy, a community member who has

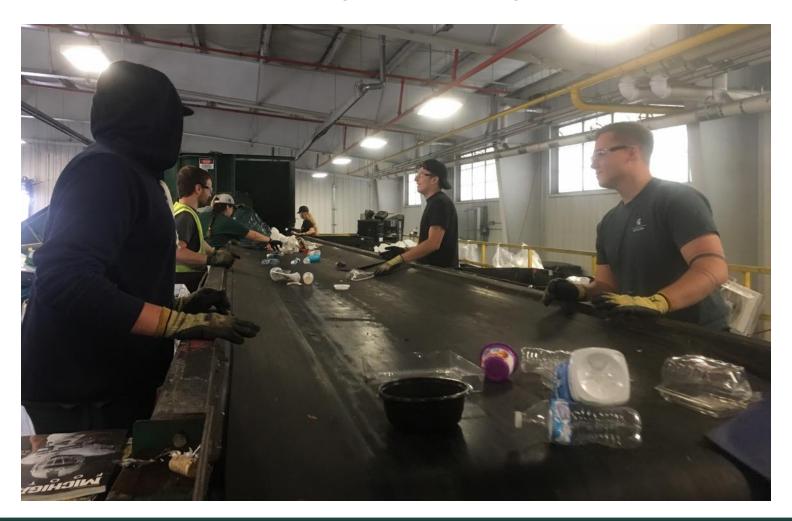






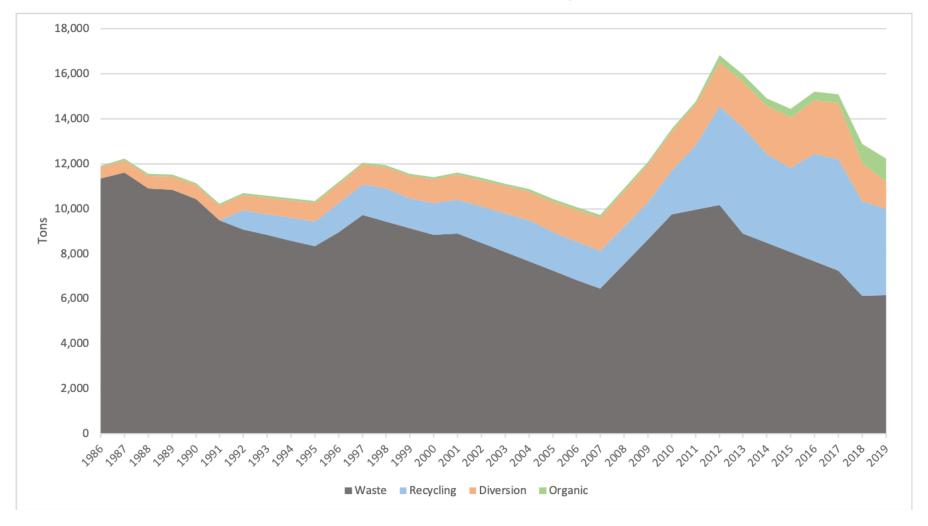


Material Recovery Facility (MRF)

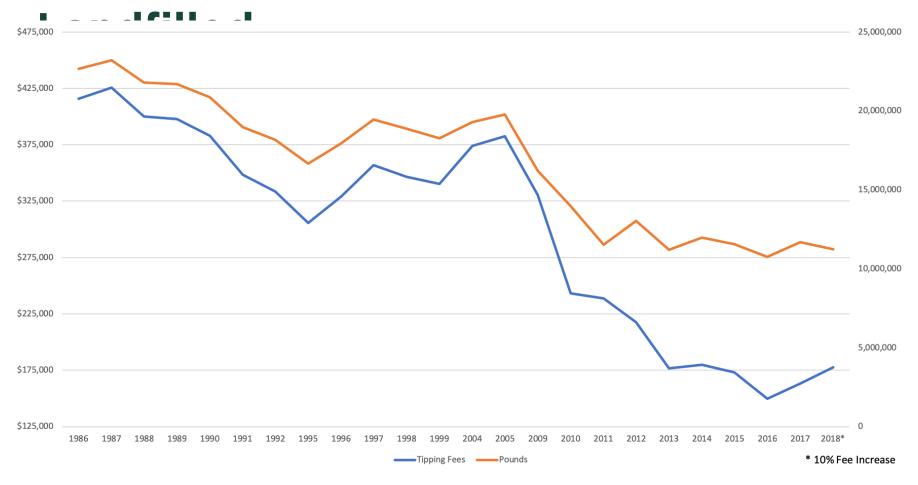




30 Years of Materials Management at MSU

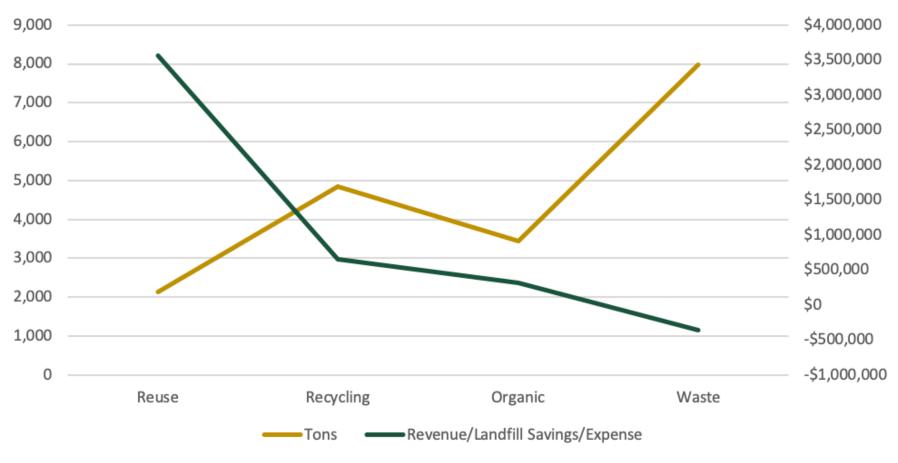


Annual Waste Tipping Fees vs Pounds





Surplus Store & Recycling Center Materials Collected in Tons vs Total Revenue, Landfill Savings and Expenses





Value to MSU FY 2018/19



To Partners
\$1.6 Million

Debt Service \$1.1 Million

Waste Avoidance \$85,000

Waste Stream Analysis in Tons

