

WASTE IS A RESOURCE

HOURGLASS FIRST FRIDAY FORUM

Friday, February 7th, 2025



LCSWMA OVERVIEW

LCSWMA is a municipal authority that manages the municipal solid waste (MSW) and recyclables for Lancaster County, as well as the MSW for Dauphin County, Pennsylvania.

Our **Integrated System**, including four facilities, manages around **950,000 tons** of waste each year and is continually recognized for its innovative process.

We generate revenue (~\$100M annually) from tipping fees and the sale of electricity from our renewable energy projects. No tax money levied to support the system

OUR CORE PRINCIPLES



FACILITY LOCATIONS

SRMC
800 TPD



Dauphin
County

Transfer Station
2,200 TPD

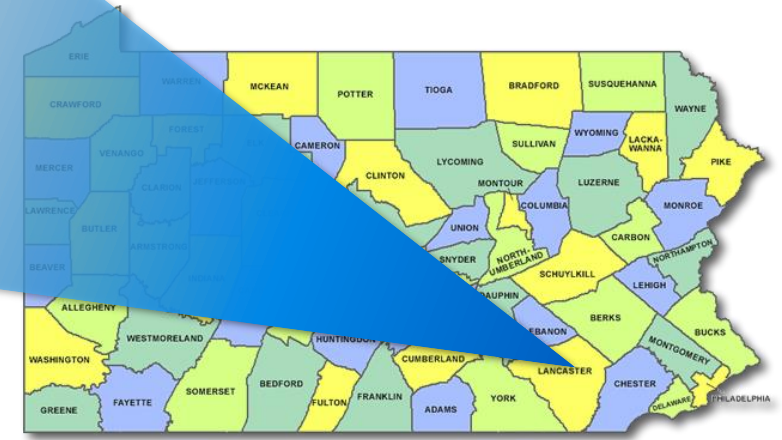


Lancaster WTE Facility
1,200 TPD

Lancaster
County



Frey Farm Landfill
3,000 TPD



LCSWMA OVERVIEW



Nine-Member Board of Directors



John Blowers, Chair



Daniel Becker, Vice-Chair



Jacquelin Eby, Treasurer



Scott Ulrich, Secretary



Mike Brubaker



Steve Dzurik



George Rettew



Joseph Deerin



Karen Weibel

LCSWMA Executive Leadership Team



Dan Youngs, Executive Director



**Alexander Henderson III,
General Counsel**



**Richard Bennett,
Director of Finance**



**Michelle Marsh, Director
of Sustainability**



**Nicole Roy, Director of
Risk Management**



**Nick Kohr, Director of
Engineering**



**Michael Devaney,
Director of Operations**



WHAT HAPPENS AFTER YOU THROW IT AWAY?

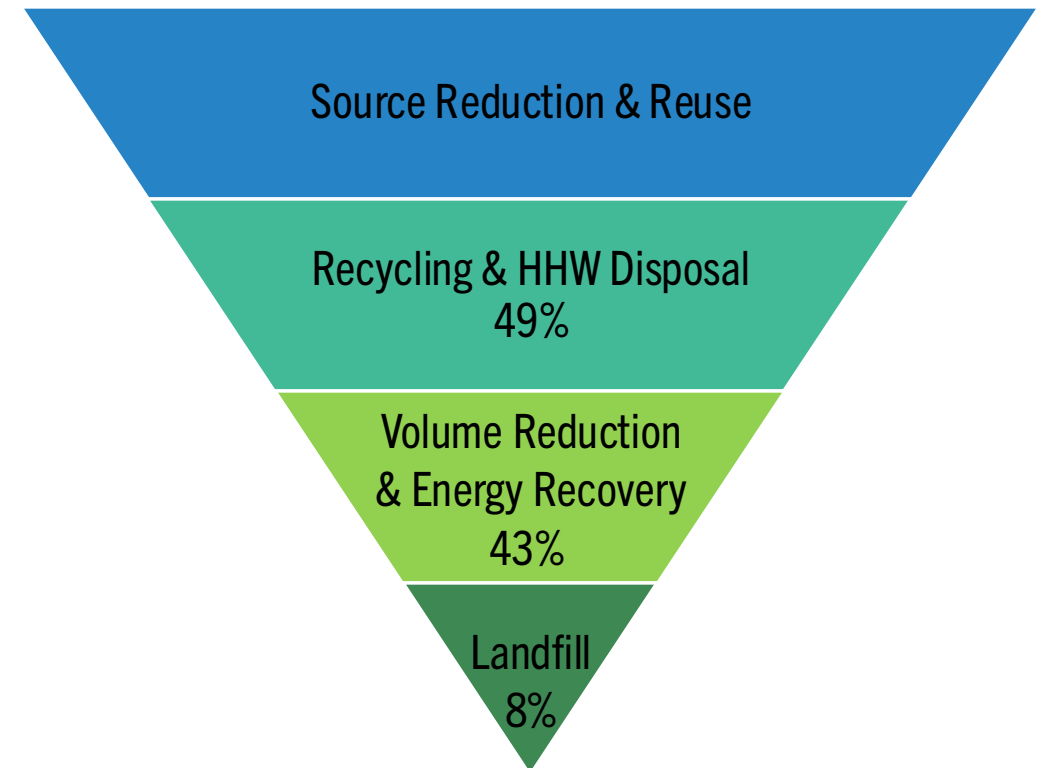




PHILOSOPHY ON MANAGING WASTE

Serve people and protect the environment, while transforming waste into a resource:

- ✓ Minimize the volume and toxicity of waste.
- ✓ Maximize landfill capacity.
- ✓ Reduce our eco footprint by protecting the environment and preserving land.
- ✓ Generate renewable energy to power local homes and businesses, as well as diversify revenue.
- ✓ Invest back into our local community through green energy projects, recreational green space and community quality of life.



COUNTY-WIDE RECYCLING PROGRAM

- Local government municipalities provide 44 curbside programs
- Drop-off locations at each Lancaster facility
- 327,920 tons recycled in 2023
- Lancaster County achieved a recycling rate of **49%** in 2023
- Our county rate is **higher than the national average** of 32.1% (EPA, 2018)





HOUSEHOLD HAZARDOUS WASTE (HHW) FACILITY

- Located on [Harrisburg Pike](#)
- FREE disposal services for hazardous waste such as:
 - Paint
 - E-Waste (computers, cameras, cell phones, etc.)
 - TVs
 - Batteries
 - Household cleaners
- Served [44,635 Visitors](#) in 2023
- Collected total of [1,013 tons](#) of material in 2023
- Out of that total, [537](#) tons were electronics



WASTE-TO-ENERGY IN OUR COMMUNITY

ORIGIN OF WASTE-TO-ENERGY IN LANCASTER COUNTY

1986 Lancaster County Solid Waste Management Plan

- Waste volume reduction
- Increasing recycling efforts
- Creating a path forward





LANCASTER WASTE-TO-ENERGY FACILITY

- LCSWMA owns the facility which opened in 1991
- Primary functions:
 - ✓ Burn combustible waste
 - ✓ Reduce waste volume and save landfill capacity
 - ✓ Provide clean energy
 - ✓ Recover materials and create steam
- Permitted to receive an average of **1,200 tons per day** or around **400,000 tons annually**
- Facility recovers **7,530 tons** of ferrous metals and **531 tons** of non-ferrous metals per year (using a three-year avg.)
- Reworld operates internals
- 36MW capacity

LANCASTER WASTE-TO-ENERGY FACILITY



PIT, HOPPERS & BOILERS



HOW WASTE-TO-ENERGY ALIGNS WITH HOURGLASS PILLARS

GROWTH AND LAND USE

- Conserving land
- Encouraging Economic Development
- Building Successful Partnerships



HOW WASTE-TO-ENERGY ALIGNS WITH HOURGLASS PILLARS

ENVIRONMENTAL STEWARDSHIP



LAND BENEFITS



METAL BENEFITS



WATER BENEFITS



ELECTRIC BENEFITS



AIR BENEFITS

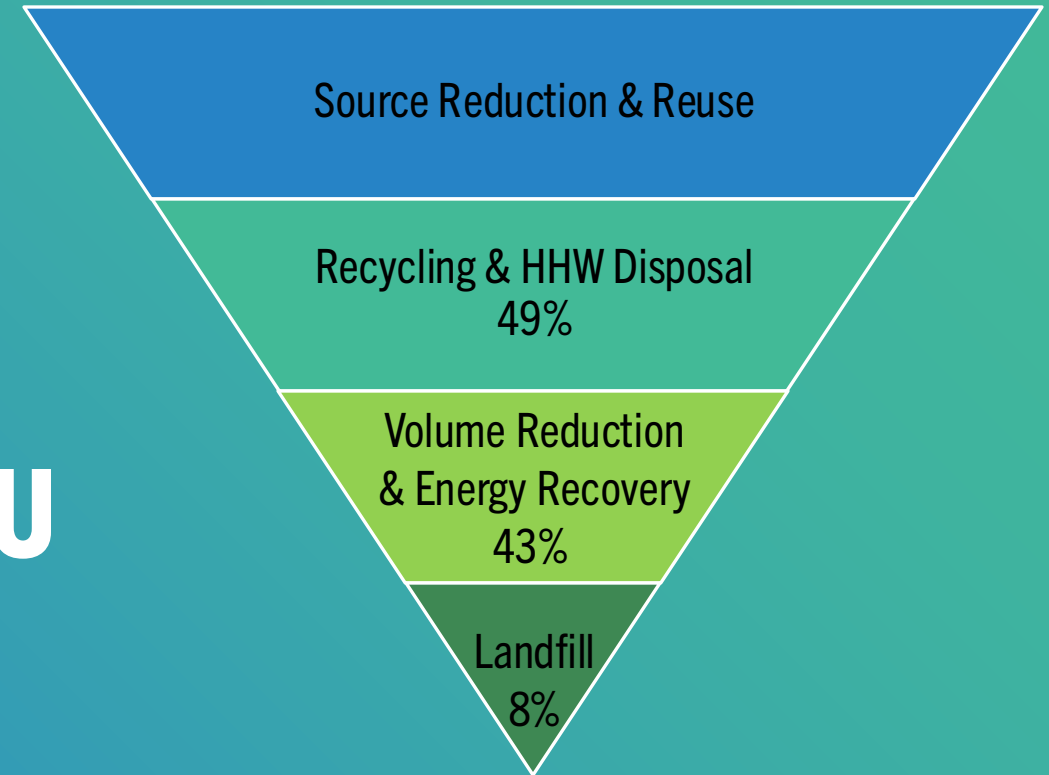
SETTING THE FOUNDATION FOR A STRONG FUTURE

Waste management planning in 2025

- Continuing the legacy of responsible waste management
- Exploring new ways to lean into innovation
- Maximizing our resources



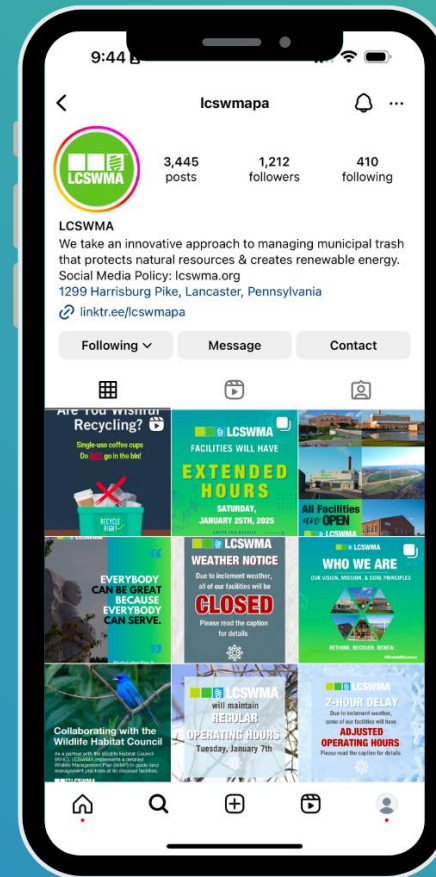
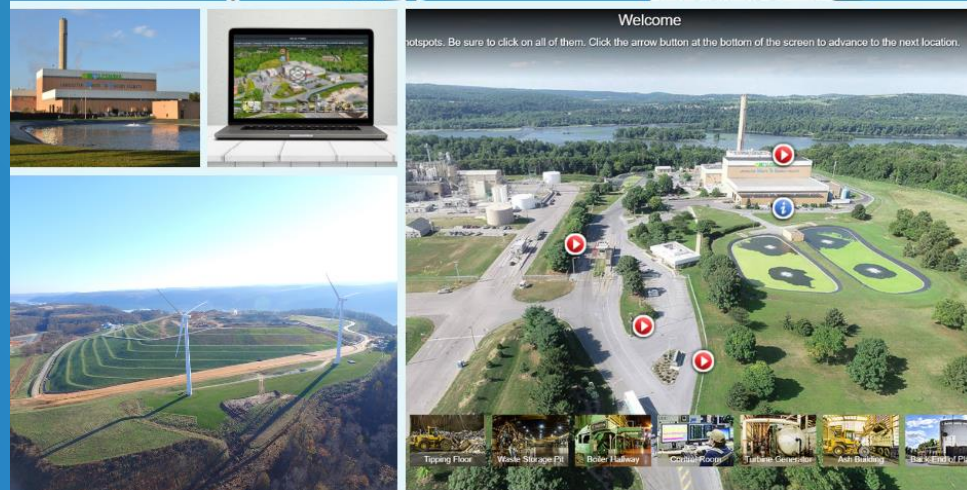
WHAT ACTIONS CAN YOU TAKE?



HOW CAN YOU SHARE THIS STORY WITH YOUR COMMUNITY?



LEARN MORE



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#WasteIsAResource

www.lcswma.org/resources/facility-tours

THANK YOU

