

Landfill Diversion

370,000

tons of MSW processed

Enough to cover **270** Football Fields

Or **45,400** garbage trucks, bumper to bumper

Energy Recovery

351M

pounds net steam export

Delivering energy needs for a local agricultural production facility

187,000

MWh net electricity export

Enough to power another 17K homes for 1 year

Metal Recycling

7,200

tons of ferrous metals

Equivalent to: **6,000** cars recovered from steel

Paperclip chain wrapped around the earth

11 times

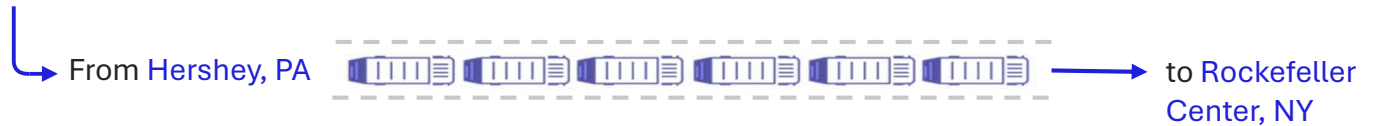
500

tons of non-ferrous metals

38M aluminum cans

Energy savings from avoided metal mining:

1.8M gallons of gasoline



Net Greenhouse Gas (GHG) Avoidance

2.3 tons

of net CO₂e avoided* for every ton of waste diverted from landfill

794,000

metric tons of GHGs avoided

Equivalent to removing/displacing:

195,000

Vehicles from roads

980M

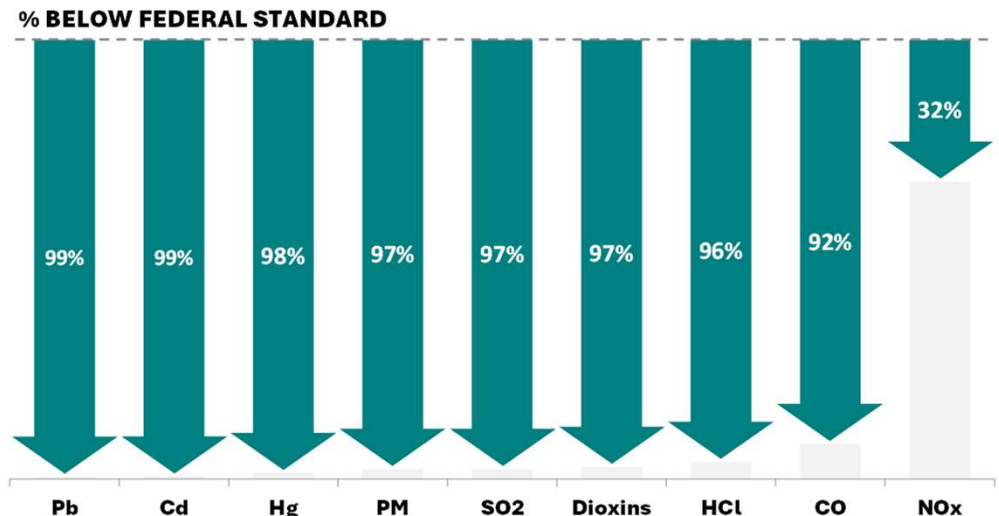
Pounds of coal

Environmental Compliance

up to **99% below** Federal emissions standards, based on annual averages**

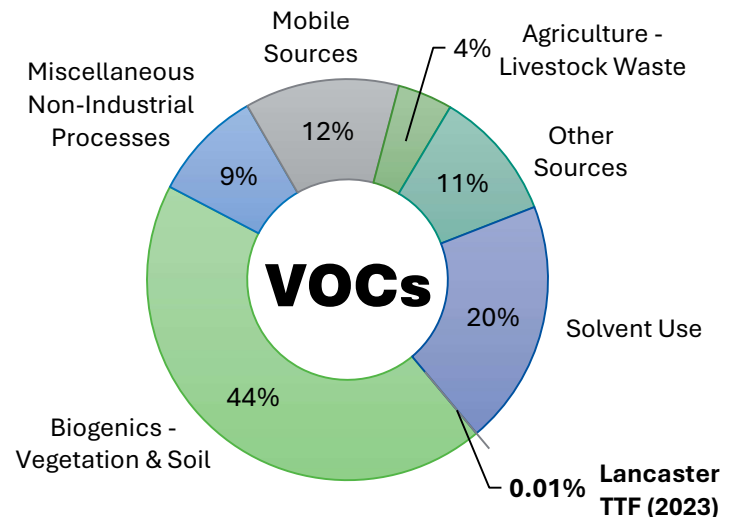
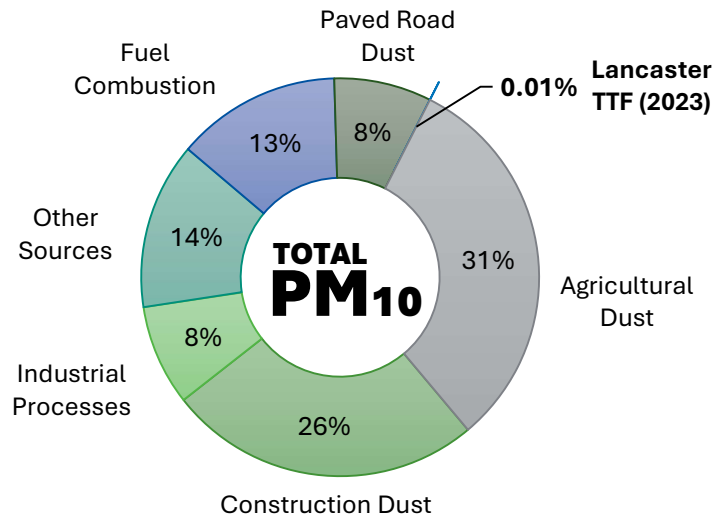
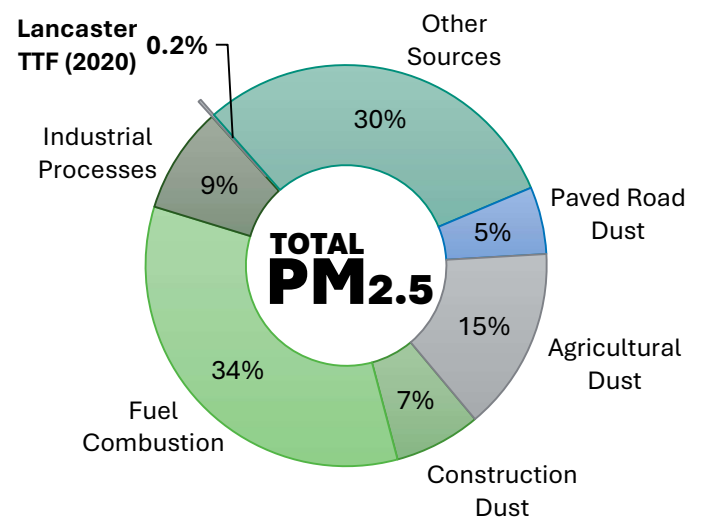
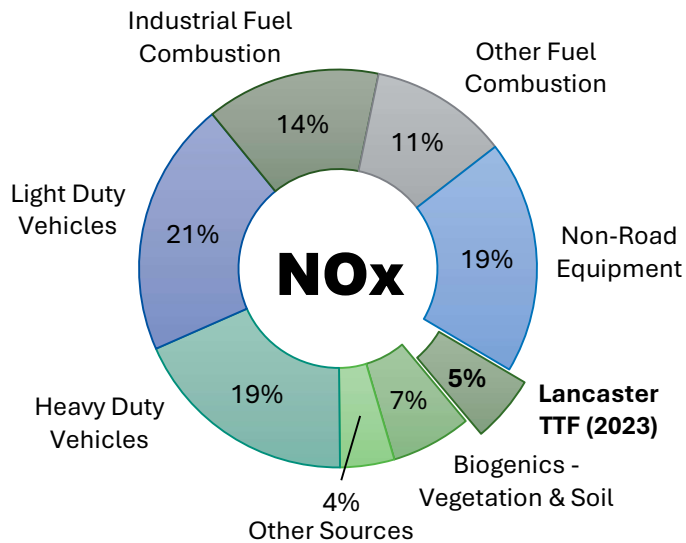
99.98% compliant

with Continuous Emissions Monitoring (CEMS) standards



How Do Our Emissions Compare to Other Sources in the County?

Local air emissions^{***} in Lancaster County, PA



* GHGs are represented in CO₂ equivalents (CO₂e) using global warming potentials (GWPs) to compare the warming power of different gases. This analysis uses the 20-yr GWP for methane of 81 from the IPCC's 6th assessment report. TTFs in the U.S. reduce lifecycle emissions by an average of 2.4 tons of CO₂e per ton of MSW diverted from landfills. The data presented here reflects facility-specific operating data and the local electrical grid, which can differ from the national average.

** 2021-2023 Average Annual Emissions compared to federal guidelines for existing facilities (40 CFR 60 Subpart Cb). Facility may be subject to more stringent requirements by permit or in accordance with other federal guidelines.

*** Based on the 2020 US EPA National Emissions Inventory; the most recently released complete inventory. Where available, the facility's 2020 emissions were replaced with the most recently reported 2023 emissions.