

Landfill Diversion

1.23M
tons of MSW processed

Enough to fill
1.4
Empire State Buildings

Or
149,600
garbage trucks,
bumper to bumper

Energy Recovery

572,000
MWh net electricity export

Enough to power
53,000
homes for 1 year

Or, charge
132,000
Electric vehicles
for 1 year

Metal Recycling

46,800
tons of ferrous metals

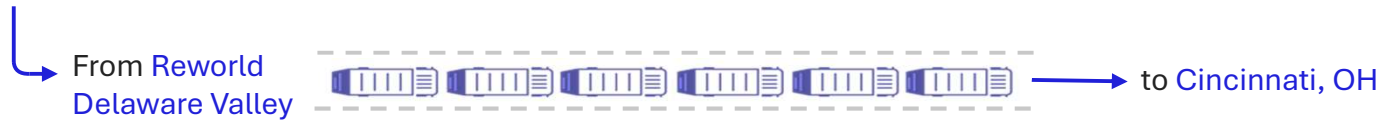
Equivalent to:
39,000
cars recovered
from steel

Paperclip chain
wrapped around
the earth
72 times

1,400
tons of non-ferrous metals

99M
aluminum cans

Energy savings from
avoided metal mining:
9.1M
gallons of gasoline



Net Greenhouse Gas (GHG) Avoidance

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

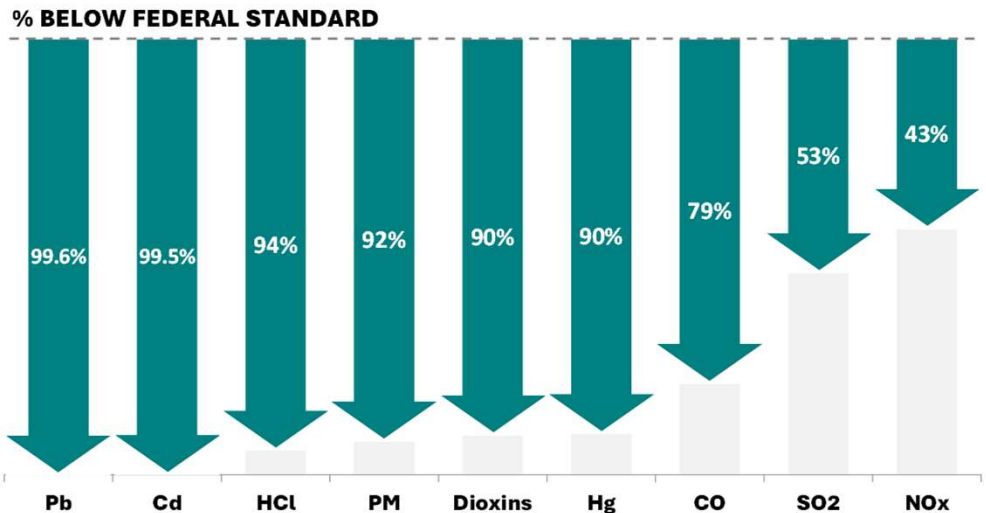
2.8M
metric tons of GHGs avoided

Equivalent to removing/displacing:
691,000
Vehicles from roads
3.47B
Pounds of coal

Environmental Compliance

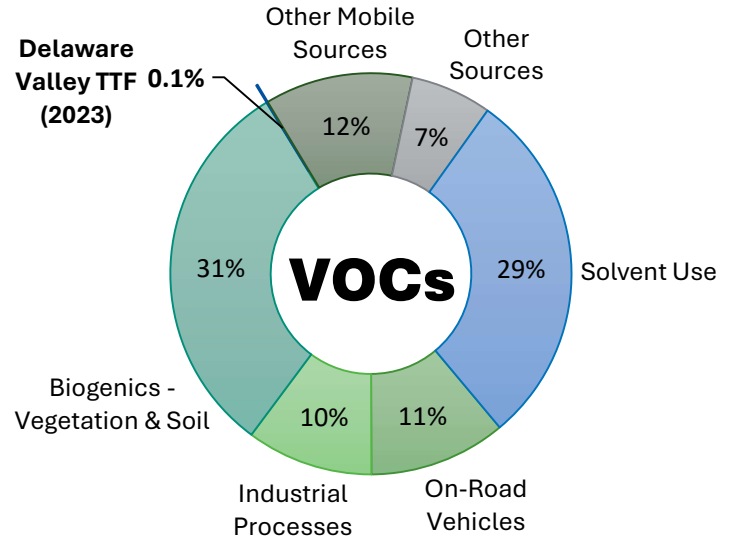
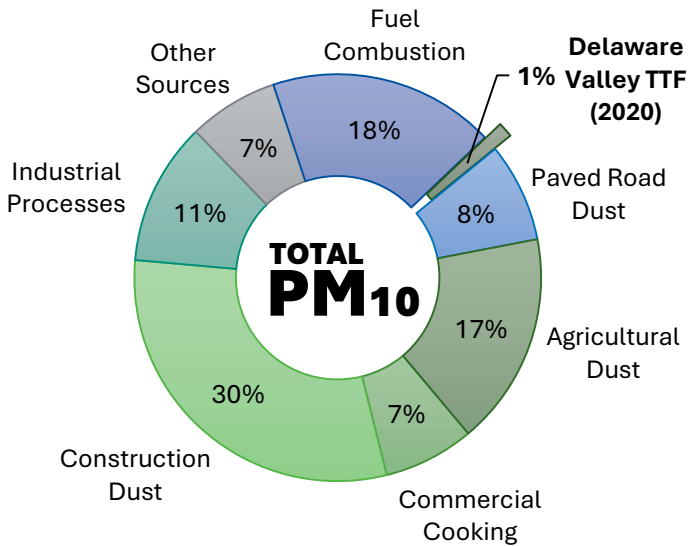
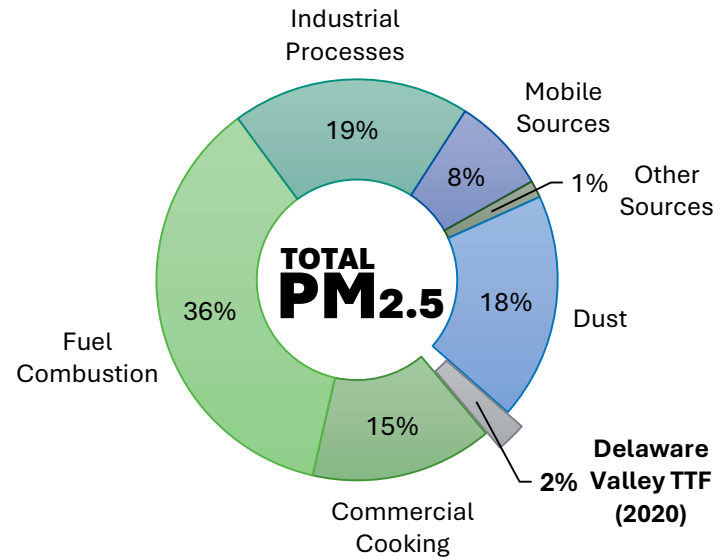
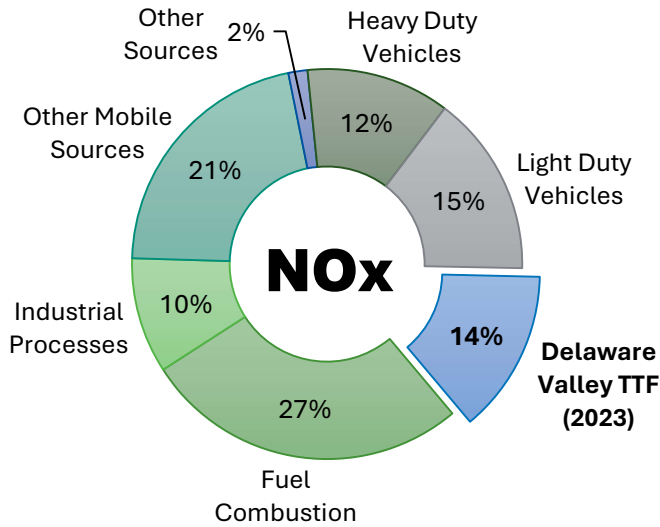
up to
99.6% below
Federal emissions standards, based on annual averages**

100%
compliant
with Continuous Emissions Monitoring (CEMS) standards



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

Local air emissions^{***} in Delaware 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.