

Landfill Diversion

1.18M
tons of MSW processed

Enough to cover the National Mall in **24** feet of waste

Or, fill **143,400** garbage trucks, bumper to bumper

Energy Recovery

692,000
MWh net electricity export

Enough to power **65,000** homes for 1 year

Or, charge **160,000** Electric vehicles for 1 year

Metal Recycling

34,200
tons of ferrous metals

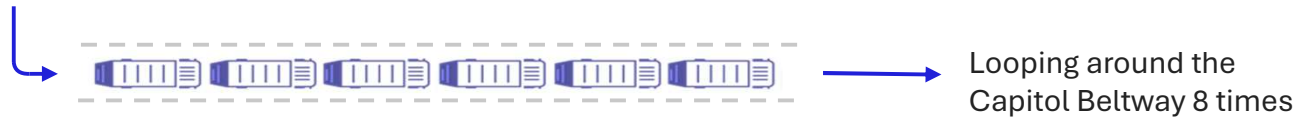
Equivalent to: **29,000** cars recovered from steel

Paperclip chain wrapped around the earth **52 times**

4,700
tons of non-ferrous metals

321M aluminum cans

Energy savings from avoided metal mining: **10.6M** gallons of gasoline



Net Greenhouse Gas (GHG) Avoidance

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

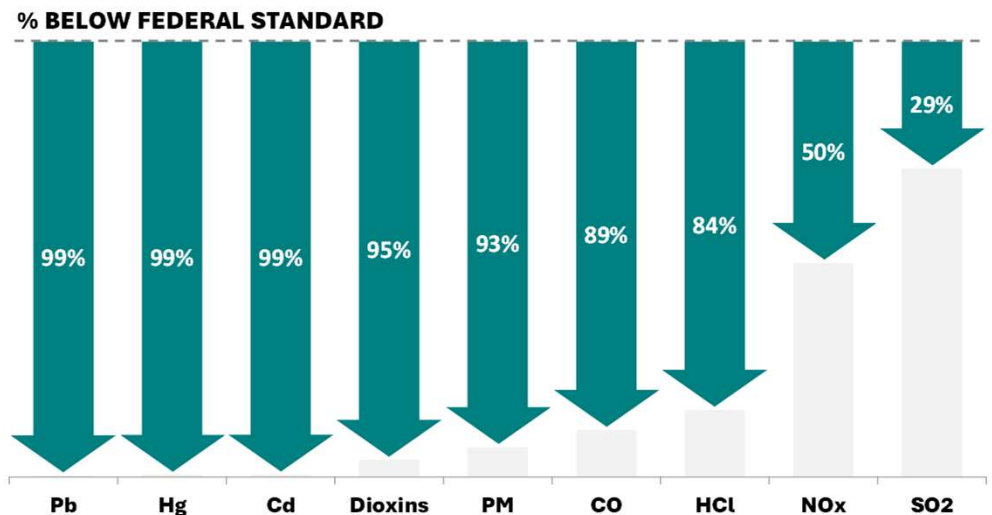
2.7M metric tons of GHGs avoided

Equivalent to removing/displacing: **658,000** Vehicles from roads and **3.31B** Pounds of coal

Environmental Compliance

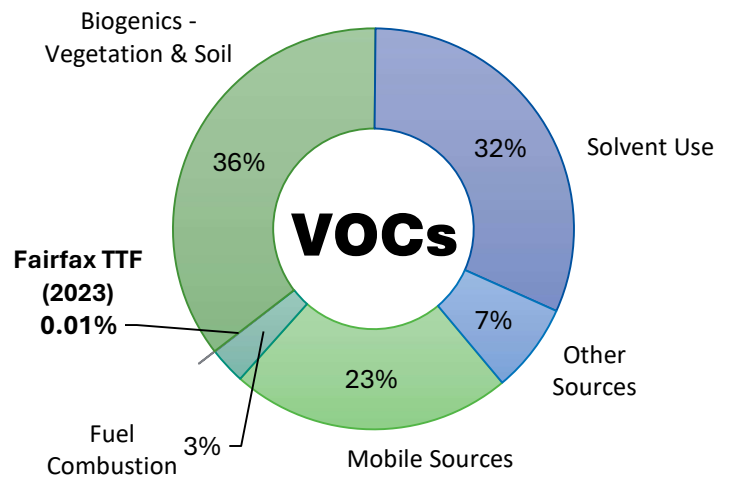
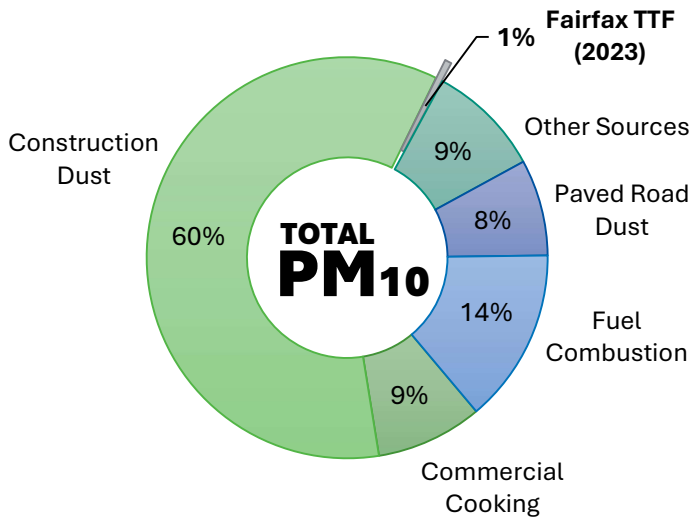
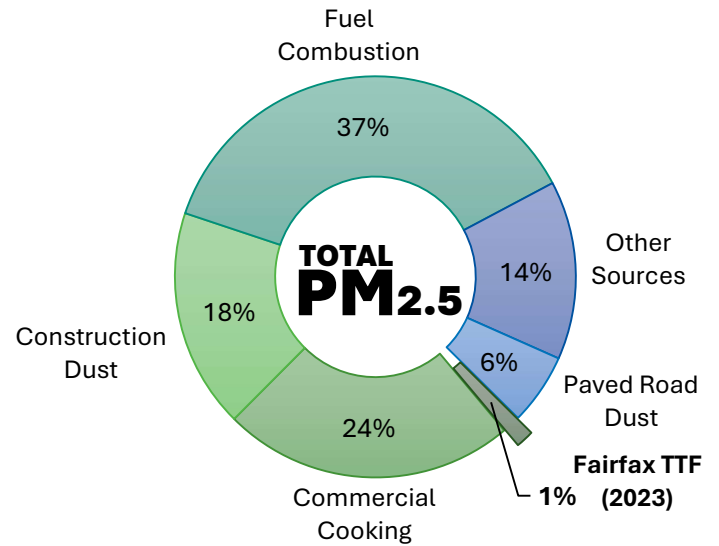
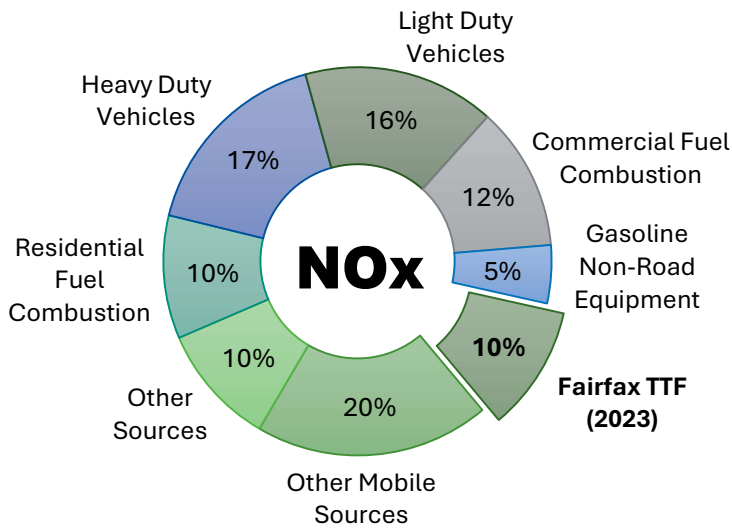
up to **99% below** Federal emissions standards, based on annual averages**

99.97% compliant with Continuous Emissions Monitoring (CEMS) standards



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

Local air emissions^{***} in Fairfax County & Fairfax City, VA



* 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.