

Landfill Diversion

350,000

tons of MSW processed

Enough to Fill
17
White Houses

Or
42,000
garbage trucks,
bumper to bumper

Energy Recovery

142,000

MWh net electricity export

Enough to power
13,000
homes for 1 year

Or, charge
33,000
Electric vehicles for 1 year

Metal Recycling

7,500

tons of ferrous metals

Equivalent to:
6,000
cars recovered from steel

Paperclip chain wrapped around the earth
12 Times



Net Greenhouse Gas (GHG) Avoidance

2.3 tons

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

738,000

metric tons of GHGs avoided

Equivalent to removing/displacing:
165,00 Vehicles from roads
855M Pounds of coal

Environmental Compliance

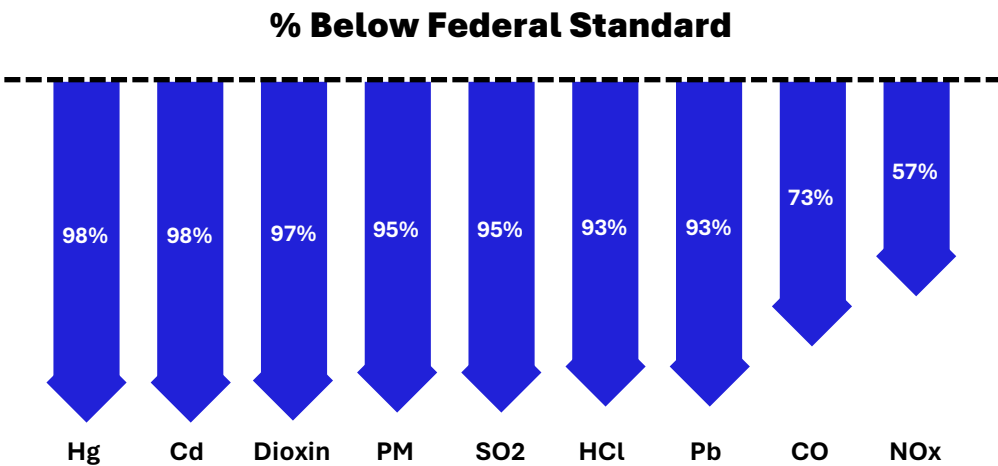
up to

98% below

Federal emissions standards, based on annual averages**

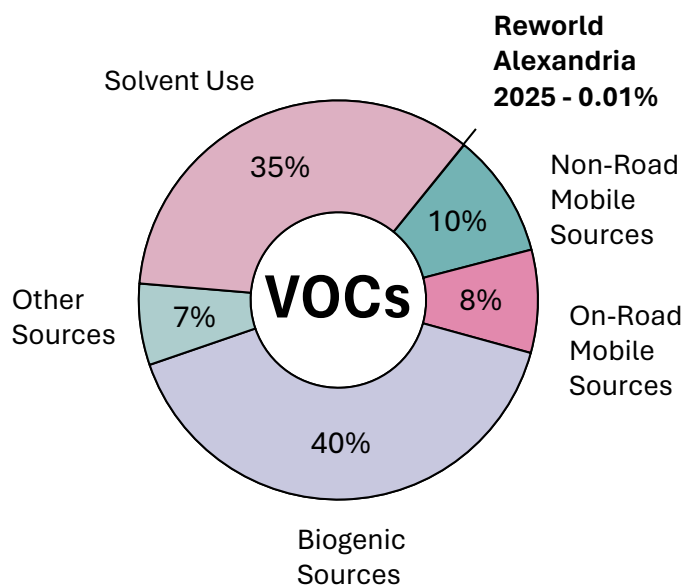
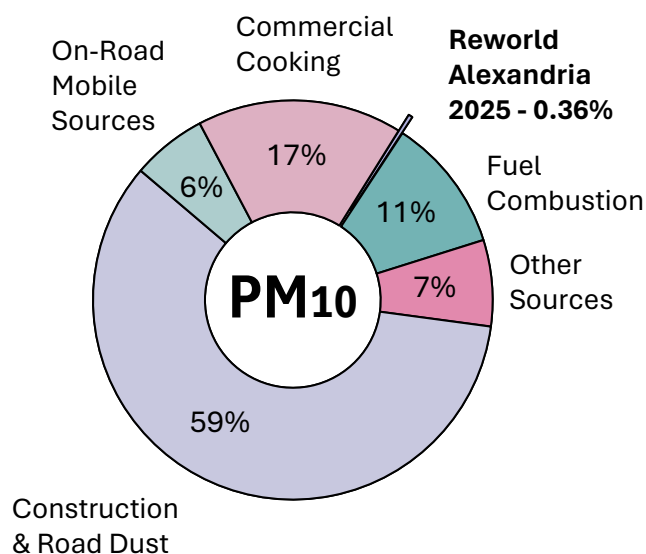
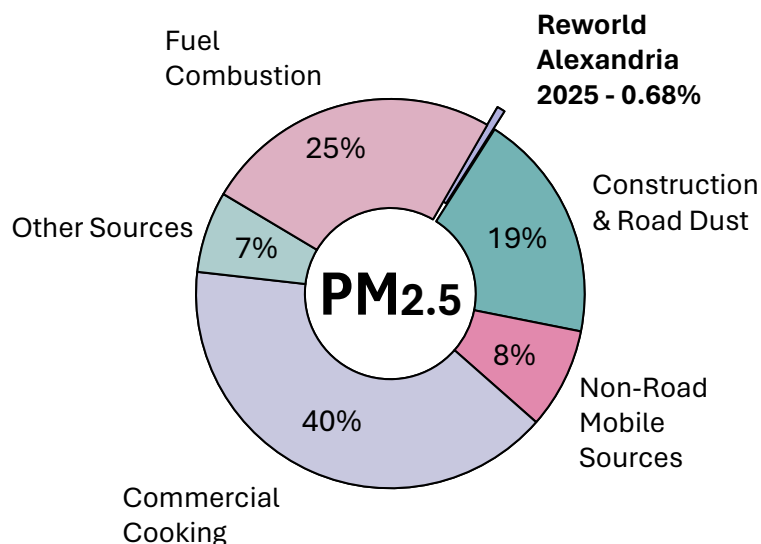
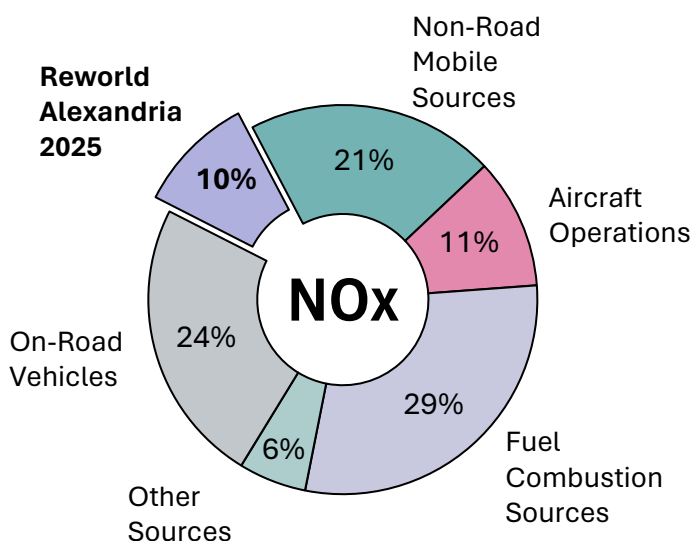
100% compliant

with Continuous Emissions Monitoring (CEMS) standards



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

Local air emissions*** in Alexandria City & Arlington County, VA



* GHGs are represented in CO₂equivalents (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.

** 2023-2025 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 2025 emissions.