

Landfill Diversion

1,013,000

tons of MSW processed

Enough to cover
825
Hockey Rinks

Or
123,000
garbage trucks,
bumper to bumper

Energy Recovery

587,000

MWh net electricity

Enough to power
55,000
homes for 1 year

Or, charge
136,000
Electric vehicles
for 1 year

Metal Recycling

28,800

tons of ferrous metals

Equivalent to:
24,000
cars recovered
from steel

Paperclip chain
wrapped around the
earth

44 Times

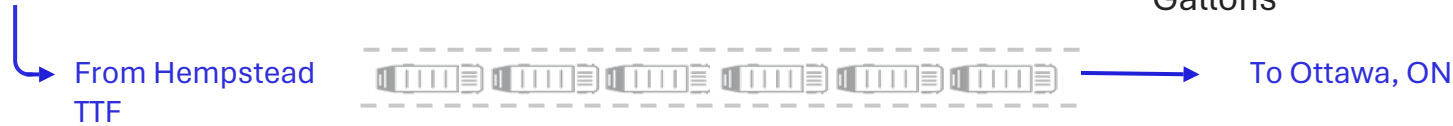
5,200

tons of non-ferrous metals

358M
aluminum cans

Gasoline savings
from avoided metal
mining:

10.4M
Gallons



Net Greenhouse Gas (GHG) Avoidance

2.4 tons

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

2.23M

metric tons of
GHGs avoided

Equivalent to removing/displacing:
498,000 **3B**
Vehicles from Pounds of coal
roads

Environmental Compliance

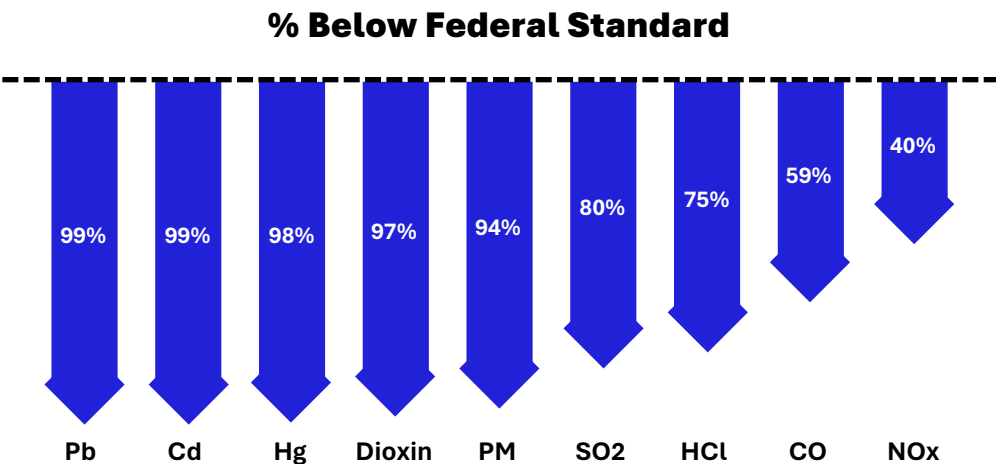
up to

99% below

Federal emissions
standards, based on
annual averages**

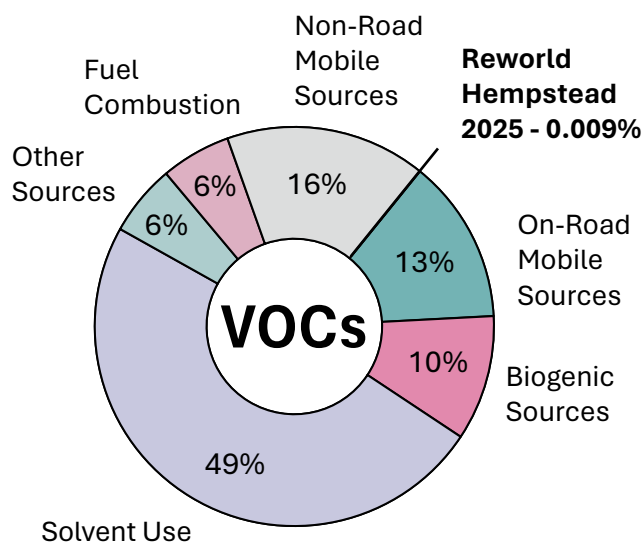
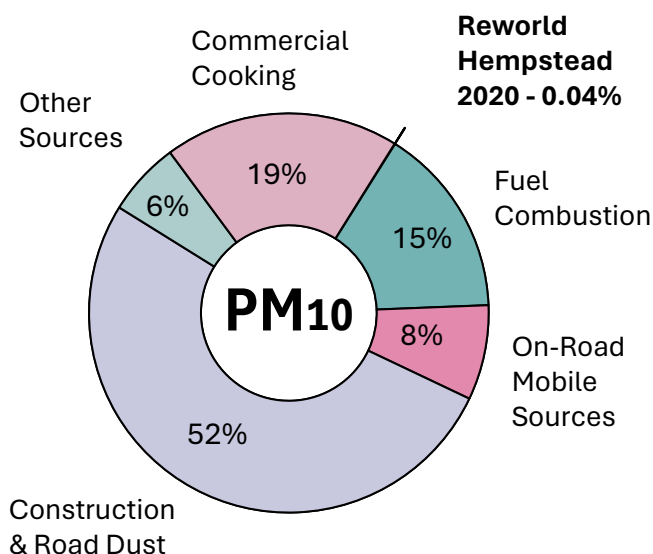
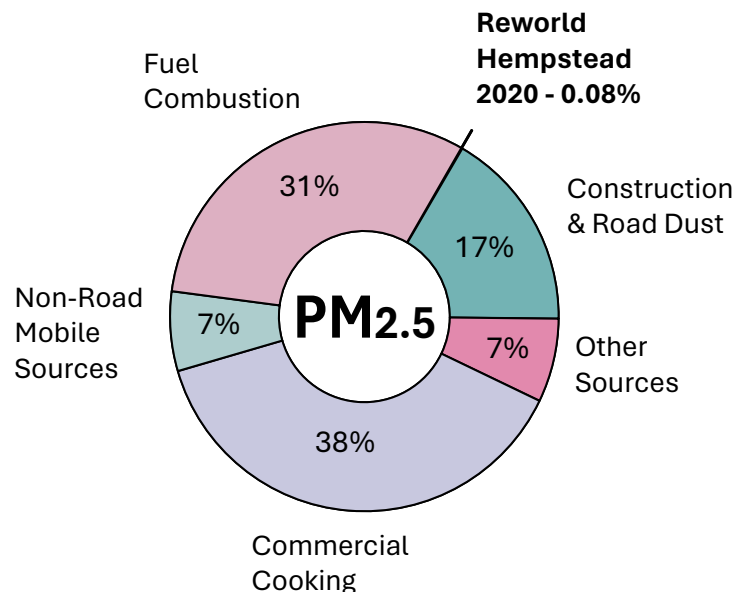
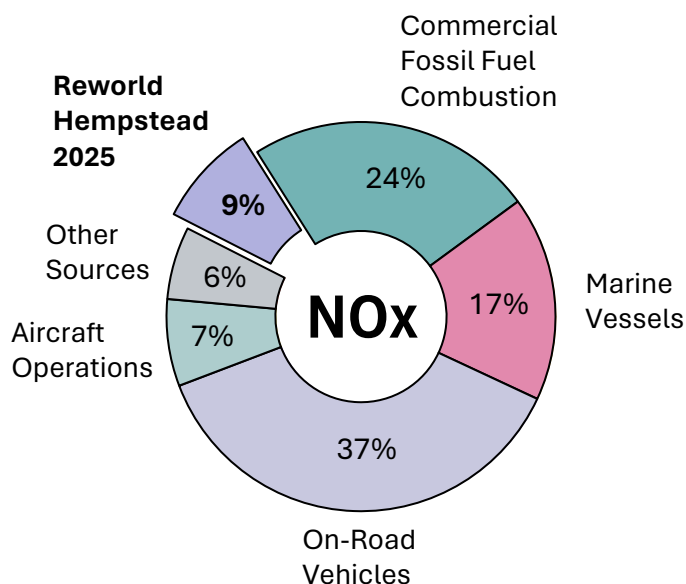
100%
compliant

with Continuous Emissions
Monitoring (CEMS) standards



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

Local air emissions*** in Nassau County, NY



* 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.