

Landfill Diversion

620,000
tons of MSW
processed

Enough to fill
1.1
TD Garden
Arenas

Or
74,800
garbage trucks,
bumper to bumper

Energy Recovery

339,000
MWh net
electricity export

Enough to power
320,000
homes for 1
year

Or, charge
79,000
Electric vehicles
for 1 year

Metal Recycling

16,400
tons of ferrous
metals

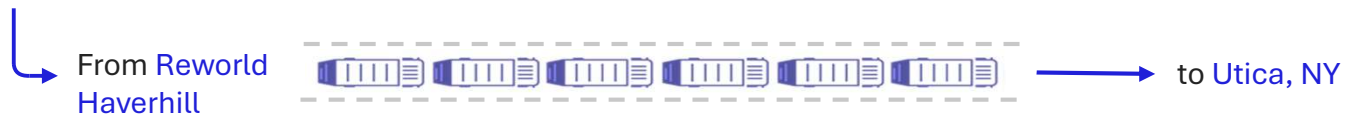
Equivalent to:
14,000
cars recovered
from steel

Paperclip chain
wrapped around
the earth
25 times

3,100
tons of non-
ferrous metals

215M
aluminum
cans

Energy savings from
avoided metal mining:
6.1M
gallons of gasoline



Net Greenhouse Gas (GHG) Avoidance

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

1.3M
metric tons of
GHGs avoided

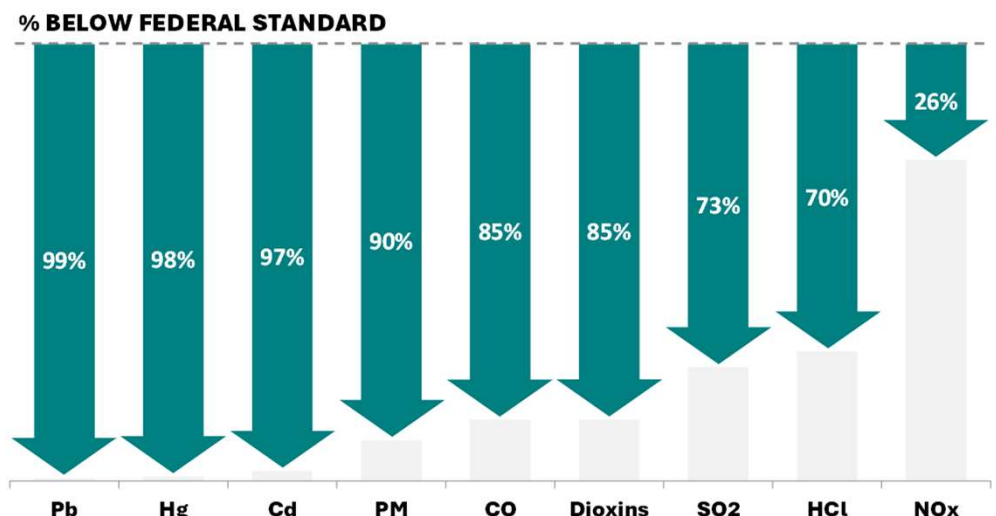
Equivalent to removing/displacing:
321,000
Vehicles
from roads

1.61B
Pounds of
coal

Environmental Compliance

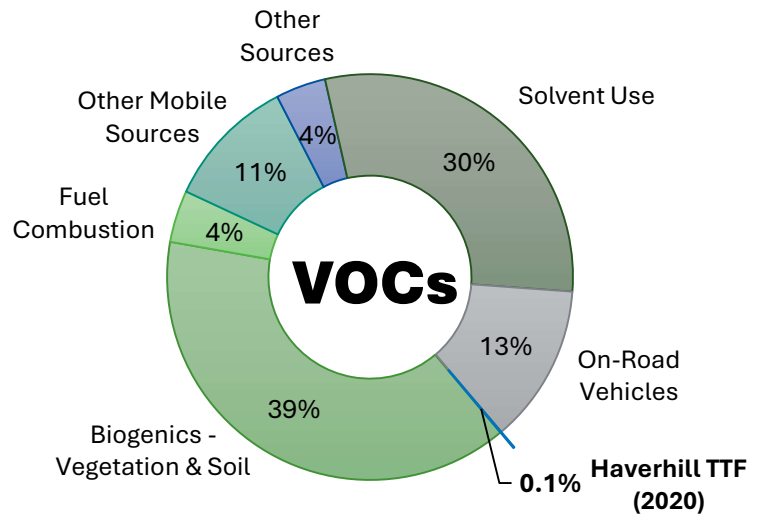
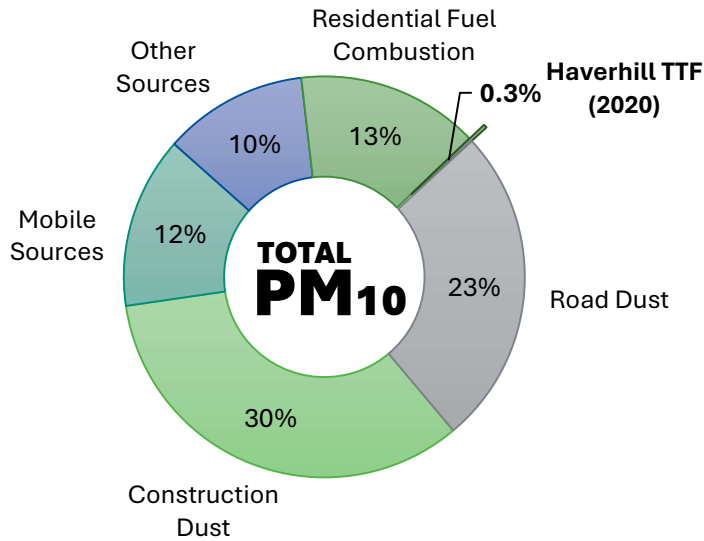
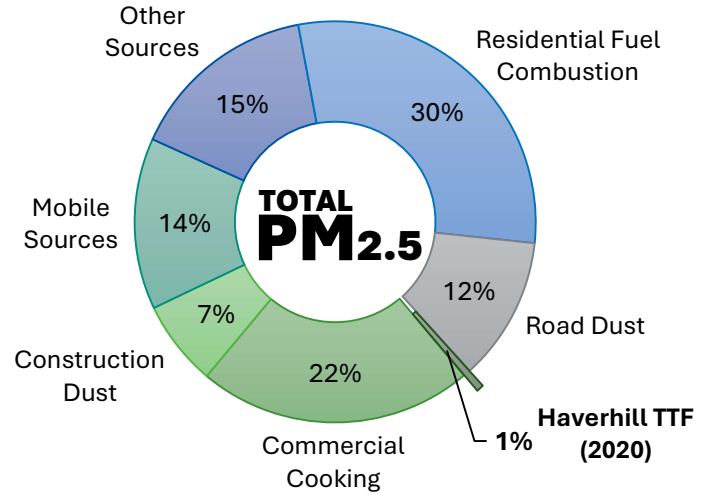
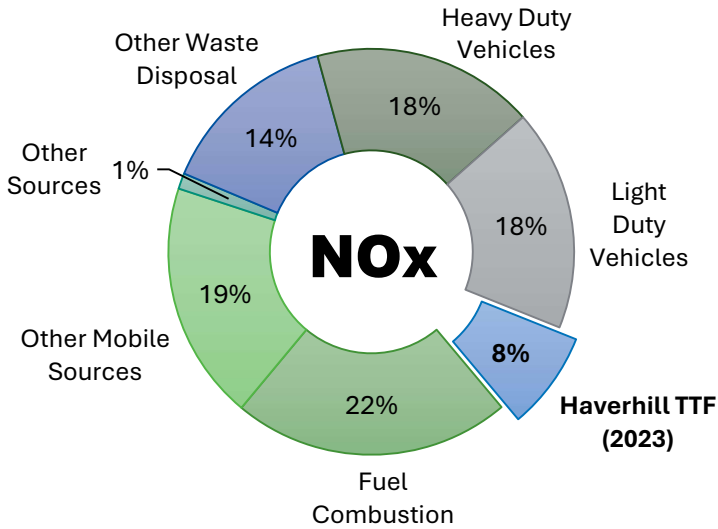
up to
99% below
Federal emissions
standards, based on
annual averages**

99.99%
compliant
with Continuous Emissions
Monitoring (CEMS) standards



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

Local air emissions^{***} in Essex County, MA



* 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.