Covanta SEMASS
2019 Facility Performance

Landfill Diversion
130,469 garbage trucks diverted from landfill

Electric Generation
The electricity produced at the plant can:
- Provide electricity for 55 thousand homes for 1 Year
- Fully charge a Tesla Model S vehicle 5.8 million times

Metal Recovery
Ferrous
31,200 tons
Non-Ferrous
6,400 tons
The metal recovered is equivalent to:
- 26 thousand cars from recovered steel
- Energy savings equivalent to 12.1 million gallons of gasoline
- 440 million aluminum cans
- A paper clip chain that wraps around the Earth 48 times

Net GHG Reduction
Compared to Landfilling, 1 Ton of MSW processed reduces lifecycle emissions* by 1.01 tons of net CO2e

Average Annual Facility Emissions
2017-2019 WTE Emissions Compared to Federal Standards
The facility operates up to 99% below federal emissions standards

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.

Learn more through our online sustainability report! [covanta-csr.com]
**Local air emissions** in Plymouth County, MA

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

#### Continuous Emission Monitoring Compliance

- **Covanta SEMASS** - 2019 Facility Performance

- **Covanta SEMASS 2019**: In 2019, the facility was 100.00% compliant with CEMS emissions standards.

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* Based on the 2017 US EPA National Emissions Inventory; the most recently released complete inventory. Where available, the facility's 2017 emissions were replaced with the reported 2019 emissions.

** Total PM10 based on measured filterable PM and NEI emission factors.