

# Covanta Tulsa

## 2020 Facility Performance

### Landfill Diversion

39,512 garbage trucks diverted from landfill

150 miles bumper to bumper

Covanta Tulsa



[Round Trip]

Stillwater

### Electric Generation



Covanta Tulsa



1.4 billion pounds of steam



13 thousand kWh of electricity

Enough to power 1,000 homes for a year

Steam is used by **Holly Frontier, Inc.** for their refining processes

### Metal Recovery

#### Ferrous

8,500 tons

#### Non-Ferrous

900 tons

The metal recovered is equivalent to:



7 thousand cars from recovered steel



Energy savings equivalent to 2.4 million gallons of gasoline



65 million aluminum cans



A paper clip chain that wraps around the Earth 13 times

### Net GHG Reduction



1 Ton of waste processed by Waste-to-Energy reduces lifecycle emissions\* by 0.9 tons of net CO<sub>2</sub>e compared to landfilling



In 2020, the facility avoided emissions equivalent to 57 thousand passenger vehicles driven for 1 Year, or burning 293 million pounds of coal

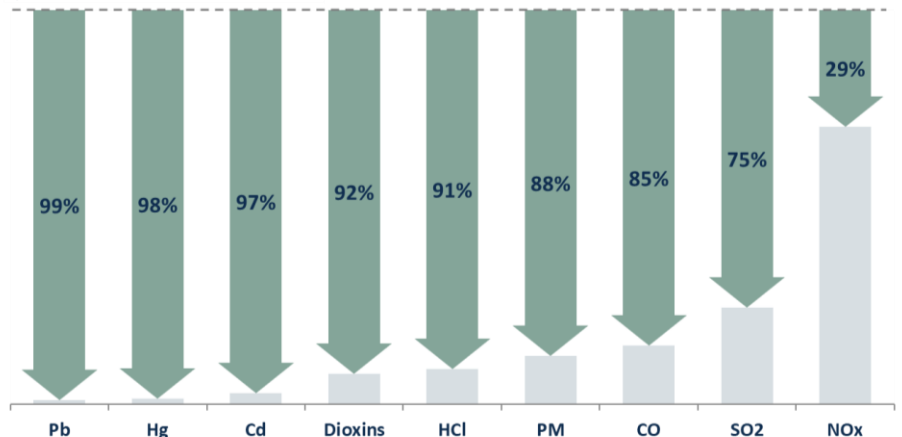
\* Life Cycle calculations are based on specific facility operating data, local electrical grid, and U.S. national average landfill practices

### Average Annual Facility Emissions

#### 2018-2020 WTE Emissions Compared to Federal Standards

The facility operates up to **99% below** federal emissions standards

% BELOW FEDERAL STANDARD

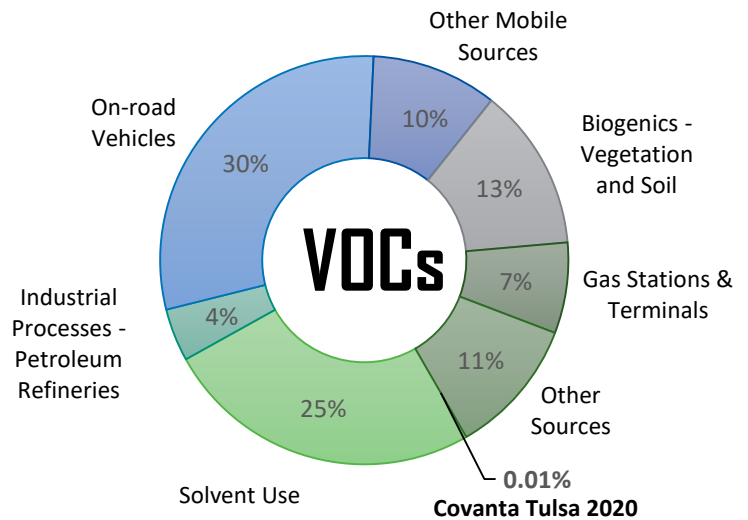
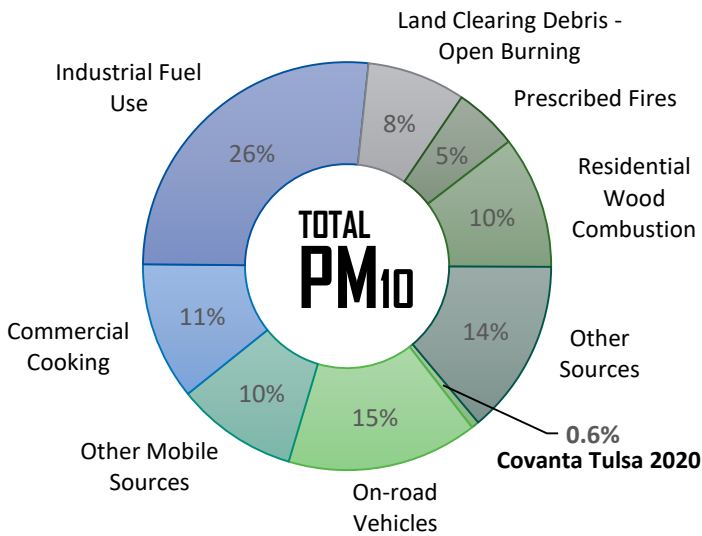
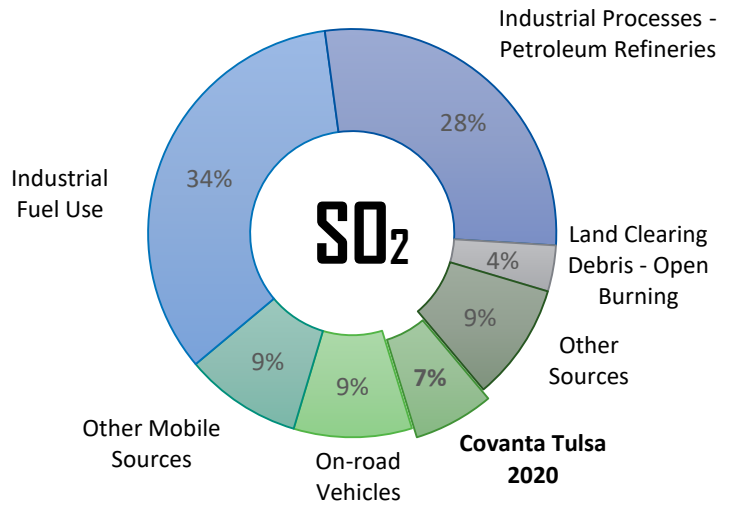
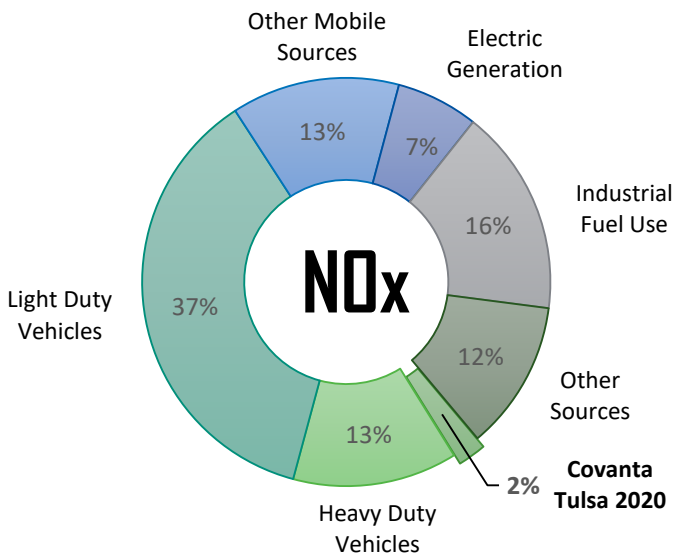


Emissions compared to federal guidelines for existing facilities (40 CFR 60 Subpart Cb).

Facility may be subject to more stringent requirements by permit or in accordance with other federal guidelines.

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

Local air emissions\* in Tulsa County, OK



Excluding Dust Sources, which make up 83% of the total inventory.

## Continuous Emission Monitoring Compliance

✓ In 2020, the facility was **99.997%** compliant with CEMS emissions standards

\* 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 2020 emissions.