



**City of Watervliet**

**2017-2018 Greenhouse Gas Emissions Inventory**

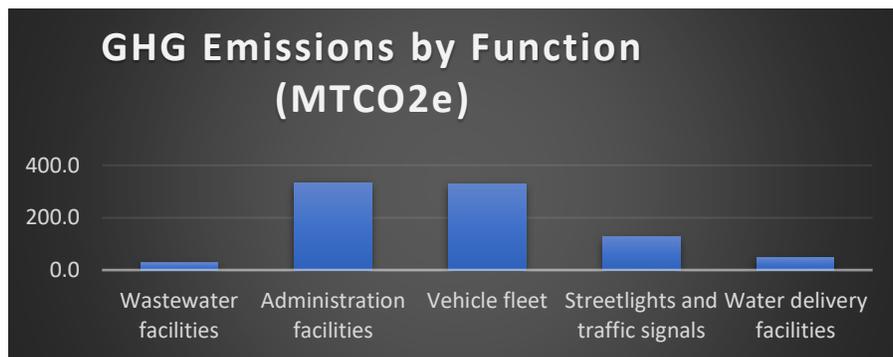
The City of Watervliet undertook their first government operations Greenhouse Gas Inventory in 2008. This is the first update to the report of emissions since 2008.

The City of Watervliet’s municipal operations were responsible for the emission of a total of 865 metric tons of carbon dioxide equivalent in 2017 & 2018, averaged. In addition to these emissions, energy use in municipal operations resulted in a total average cost of the two years of \$260,180.35. This includes an average of 535 for government owned buildings, and 330 for municipal fleets.

This is equivalent to 104 homes energy use for one year. ( <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>)

**SECTORS TOTAL**

	GHG Emissions (MTCO2e)					Average
	2016	2017	2018	2019	2020	
<b>All Municipal Operations</b>	<b>0.00</b>	<b>848.15</b>	<b>879.98</b>	<b>0.00</b>	<b>0.00</b>	<b>864.07</b>
Wastewater facilities	0.0	36.2	19.0	0.0	0.0	27.6
Administration facilities	0.0	301.1	367.2	0.0	0.0	334.1
Vehicle fleet	0.0	343.8	315.2	0.0	0.0	329.5
Streetlights and traffic signals	0.0	109.0	143.2	0.0	0.0	126.1
Water delivery facilities	0.0	52.7	40.8	0.0	0.0	46.8



**Comparison to 2008 Inventory**

The City’s 2008 inventory totaled 1128.51 MTCO2e. The city has decreased their emissions by 263 MTCO2e since 2008, which is a 23.3% reduction.