



City of Watervliet

2017-2018 Greenhouse Gas Emissions Inventory

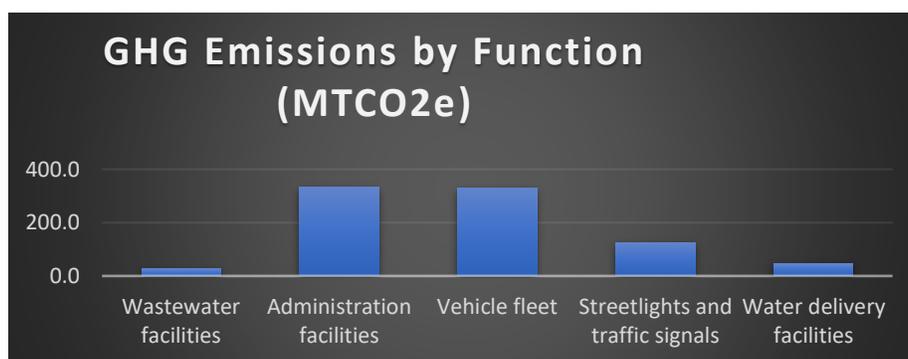
The City of Watervliet undertook their first government operations Greenhouse Gas Inventory in 2008. This is the first update to the report of emissions since 2008.

The City of Watervliet’s municipal operations were responsible for the emission of a total of 861.41 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 \$448,588.31. This includes 15 municipal buildings and 46 municipal vehicles.

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)		
	2017	2018	Average
All Municipal Operations	872.22	850.59	861.41
Wastewater facilities	36.2	19.0	27.6
Administration facilities	318.0	345.4	331.7
Vehicle fleet	343.8	315.2	329.5
Streetlights and traffic signals	122.0	130.2	126.1
Water delivery facilities	52.2	40.8	46.5



Comparison to 2008 Inventory

The City’s 2008 inventory totaled 1128.51 MTCO2e. The city has decreased their emissions by 267.1 MTCO2e since 2008, which is a 23.7% reduction.