

Greenhouse Gas Inventory: Overview

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Process

Create baseline year and most recent year for comparison

Input energy usage for all accounts for those years (from bills)

Input WWTP info (Neil gave values for specific process emissions)

Use fuel cards for each department to determine vehicle fleet emissions

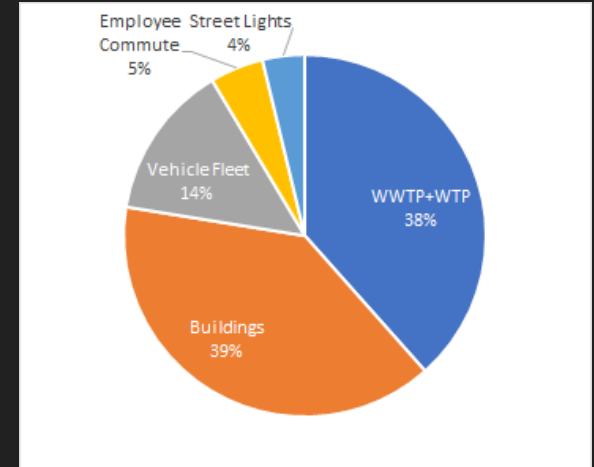
Send out an employee commute survey

Still underway – About 30% response rate so far to employee commute survey

Base Year: FY2014

Sector	Metric Tons CO ₂ e
WWTP+WTP	914.53
Buildings/Facilities	930.71
Vehicle Fleet	330.66
Employee Commute	113.67
Street Lights	89.73
TOTAL	2,379.304

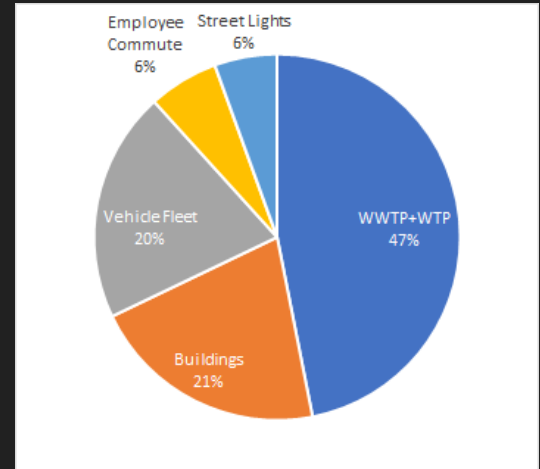
Emissions Breakdown by Sector



Most Recent Year: FY2016

Sector	Metric Tons CO2e
WWTP+WTP	861.826
Buildings/Facilities	385.556
Vehicle Fleet	374.687
Employee Commute	113.674
Street Lights	101.749
TOTAL	1837.492

Emissions Breakdown by Sector



FY2014 to FY2016 Comparison

Sector	Metric Tons CO2e
WWTP+WTP	52.7 <i>less</i> in FY16
Buildings/Facilities	545.15 <i>less</i> in FY16
Vehicle Fleet	44.03 <i>more</i> in FY16
Employee Commute	-
Street Lights	12.01 <i>more</i> in FY16
TOTAL	541.8 less in FY16



Ice Den: 361 tons

Comparison to Other Cities

Metric tons CO₂e per capita:

Whitefish (FY16): 0.26

Missoula (FY08): 0.167

Ashland, OR (FY15): 0.146