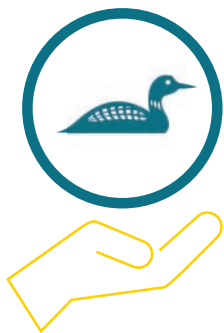




**Peterborough**  
Community Wellbeing Plan

# Fact Sheets

## Environment



### Are we protecting our environment while revitalizing our ecosystems and working towards sustainability?

**Key Facts**

**Air Quality - Green House Gas Emissions**

GHG emissions have been tracked as part of the Canadian Index of Wellbeing, both at the national and local level. Sustainable Peterborough Climate Change Action Plan now tracks GHGs at the local level.

In 2011 (the baseline year) there were 710,000,000 tonnes of CO<sub>2</sub> emissions nationally.

**Locally**



Partner	Baseline Emissions (2011)
City of Peterborough	349,743 tonnes CO <sub>2</sub> e per year
Peterborough County	335,051 tonnes CO <sub>2</sub> e per year
Asphodel-Norwood	32,421 tonnes CO <sub>2</sub> e per year
Cavan Monaghan	54,531 tonnes CO <sub>2</sub> e per year
Douro-Dummer	48,046 tonnes CO <sub>2</sub> e per year
Havelock-Belmont-Methuen	37,476 tonnes CO <sub>2</sub> e per year
North Kawartha	12,128 tonnes CO <sub>2</sub> e per year
Otonabee-South Monaghan	49,055 tonnes CO <sub>2</sub> e per year
Selwyn	77,134 tonnes CO <sub>2</sub> e per year
Trent Lakes	24,260 tonnes CO <sub>2</sub> e per year
Curve Lake First Nation	4,032 tonnes CO <sub>2</sub> e per year
Hiawatha First Nation	1,316 tonnes CO <sub>2</sub> e per year

**Surface Water Quality**

The Otonabee Region Conservation Authority assesses the quality of surface water using two indicators: phosphorous and benthic macroinvertebrates (bugs that live in the bottom of waterways). Based on these indicators they have found good to fair water quality. Urbanization appears to have impacted surface water quality as the most developed sub watersheds had fair water quality and the less developed, more natural areas had good water quality.<sup>1</sup>



## Waste Reduction

The average residential waste diversion rate (the amount of waste that is diverted from landfill) across the province was 49.7% in 2017.



City of Peterborough diverts

**55.4%**

County of Peterborough diverts

**49.0 %<sup>2</sup>**



## Local activity

### Sustainable Peterborough – Climate Change Action Plan

In 2012, the Peterborough Sustainability Plan was adopted in the Greater Peterborough Area including the City, County, 8 townships and both First Nations. In 2016; municipalities, and in 2017, First Nations developed a Climate Change Action Plan that includes a greenhouse gas (GHG) inventory and forecast, GHG emission reduction targets, and a local action plan to make it possible.



(1) Otonabee Region Watershed Report card 2018 <https://www.otonabeeconservation.com/wp-content/uploads/2018/03/2018-Watershed-Report-Card-FOR-WEB.pdf>

(2) Resource Productivity and Recovery Authority Data Call report <https://rpra.ca/programs/about-the-datacall/>