

# Eden Mills and Area CO2 Footprint Survey

## Goal of the Survey

The goal of the survey is to determine how much CO2 (Carbon Dioxide) the Eden Mills Survey Area emits on an annual basis. Obtaining the most accurate result through a high level of participation will help to determine improvements in reduced emissions over time, and is a means of assessing the proximity to the ultimate goal of becoming Carbon Neutral.

## Privacy Statement

Individual results from the survey will be held in confidentiality by the Students of the University of Guelph. No resident of the Eden Mills Survey area will have access to the individual survey information provided or individual survey results. As a privacy measure, surveys will only be identified numerically. At registration each participants contact information will be confirmed by the students who will then assign a survey number. As part of the recommendations, all survey participants will receive the overall Survey Area Results and their individual results via the University of Guelph Student Group.

## Eden Mills Survey Area

The Eden Mills Survey Area consists predominately of the buildings located with the defined boundaries of the village but extends to include buildings located on the east side of Wellington 29, heading north towards HWY 7, and buildings located on Indian Trail between Wellington 29 and Ash Street on the village side.

## The Survey

The Survey has been broken down into three main categories that are General Building, Building Energy Use and Transportation.

## Definitions

"Household/Building" includes households with: live/work situations, house with tenants, apartment building, farm - house only and institutions: churches, community hall, Edgewood Camp

"gross floor area" means measurement to the outside walls, including basements if heated and excluding unheated areas.

## Tips to make it easy to prepare the information

### Building Energy Use

**Electrical:** If possible, record the total kilowatt-hours (kWh) over the most recent 12-month period beginning and ending with "we read your meter on .....": use the "metered usage" figure.

**Heating Oil:** preferably record total litres used in the most recent 12-month period starting in May, or after the last Spring delivery

**Propane:** same as heating oil

If you cannot find this information contact your energy supplier(s) as they will be able to provide you with your annual electricity and/or fuel usage.

### Automobile(s)

Fuel Efficiency: There are three ways that this value can be determined with a) being the most accurate. Any method will suffice.

a) Annual kilometers travelled/litres consumed

b) Step 1 - Fill-up your vehicle

Step 2 -Record the the number of km's travelled before you need to fill up again

Step 3 - record total litres of second fill-up

Step 4 - km's travelled/litres of 2nd fill-up = fuel efficiency

c) Provide the appropriate information requested by the survey and we will calculate it for you



Fill-up Car
A) KM DRIVEN _____
B) LITRES of 2nd Fill-up _____
Fuel Efficiency = A/B



**Public Transportation** (indicate in hours how much time each person in the household/building uses public transportation)

Method of Transportation (In hours/month)	Person 1	Person 2	Person 3	Person 4	Person 5	Person 6	Total
Streetcar, Light Rapid Transport, Subway							
Public Bus (e.g. TTC, Guelph Transit Bus)							
Commuter Train (e.g. Via rail)							
Intercity Train (e.g. Go Train)							
Intercity Bus (e.g. Go Bus, Greyhound)							

**Air Travel** (indicate the number of short, medium, long or extended haul flights taken by each person in the household during a one year time period)

Number of Flights/yr	Person 1	Person 2	Person 3	Person 4	Person 5	Person 6	Total
Short Haul (<1.5 hrs)							
Medium Haul (1.5 - 3 hrs)							
Long Haul (3- 5 hrs)							
Extended Haul (>5hrs)							

**GENERAL**

Is there anything else you feel we should know about your household/building?