



## Household Emissions Survey 2016!

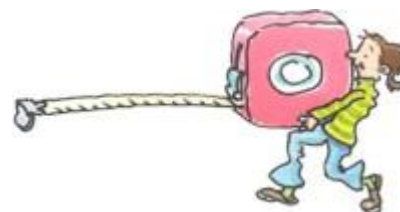
In the next few weeks we'll be running the 5<sup>th</sup> household emissions survey in the Village. The survey will provide participants with results on their household emissions, and the collective data will give us information on the current size of the village footprint. We hope you will take the short time required to give us a good statistical base. Past participation has been excellent. Once again, 4<sup>th</sup> year students from the University of Guelph will manage the survey.

*This year there is a little less warning about the survey, for which we apologize. For anyone who has completed the survey in the past, it will be very familiar. It is also somewhat shorter. This survey will help us refine our process for the next survey.*

**If you would like to participate, please contact Richard Lay at 519-856-9916 or [rlay@xplornet.com](mailto:rlay@xplornet.com)**

**Survey Content:** The survey covers the period from **January 1, 2016 to December 31, 2016.**

**Deadline:** Please submit your survey answers by **February 14.** The deadline will give the students time to analyze and communicate the results to us before the end of their busy term.



### Here's how it works:

#### On-line:

1. You will receive links to the **Survey** and **Survey Guide** from the team of University of Guelph students who are managing the survey, and who are protecting your confidentiality by filing your results under an ID number. Only they will know your household results, which they will share with you after the survey is completed.
2. Reply to the students, requesting your ID# which they will have at the ready. It is necessary for completing the survey.
3. Read through the survey guide to identify the documents/calculations you need to have on hand to answer the survey questions.
4. Complete the survey on-line. When you click on "Done", your work is done.
5. If you need to pause while you are inputting the information, you can save your work and return to the survey later. You will find the instructions at the top of the survey form.
6. The students will analyze the results and send your personal results to you.
7. The students will analyze the amalgamated results and provide a report to us on the total Village footprint for 2016.

**Do you prefer a paper survey?** Contact Richard Lay at 519-856-9916 or [rlay@xplornet.com](mailto:rlay@xplornet.com)

### Questions?

1. Contact Richard Lay at 519-856-9916 or [rlay@xplornet.com](mailto:rlay@xplornet.com)
2. Come to the Community Hall between 7:30 and 9:00 pm on either Wednesday, February 1 or Wednesday, February 8. (Look for Richard or Charles upstairs at Table Tennis) They'll be happy to answer your questions in person.

3. Contact [smackell@uoguelph.ca](mailto:smackell@uoguelph.ca)

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**Thanks to U of G students for their assistance:** This year, students at the University of Guelph have once again taken on our project. They are keen to run the survey of village emissions for the calendar year 2016.

*We are all fourth year environmental science students, specializing in a wide range of fields such as pollinator conservation, Geographic Information System, environmental education and agroforestry. This is our first time completing such a large and intensive project, we are looking forward to the challenge. This year, many of the survey questions will be the same, however additional questions on transportation and solar energy have been included. These two topics are of great interest to us and we are eager to apply four years' worth of learning to the project. Learning more about the energy and transportation habits of the community will allow us to suggest possible solutions for lower carbon output. Thank you for allowing us to work with you and your community to reach such an inspiring goal.*

*...Fiona Krantz, Holden Isaacs, Sarah MacKell, Haya Aldoori, James McAllister, Kelly Wildfong*

### History and Purpose of Survey

It has been 10 years since **Eden Mills Going Carbon Neutral** was launched. We plan to celebrate the 10 years throughout this calendar year. It is also an ideal opportunity to introduce the many new residents of Eden Mills to this Village's determination to be the first village in North America to go carbon neutral, and to the actions we have taken which have, in fact, reduced our carbon footprint.

Essential to knowing whether or not we have succeeded in decreasing our CO<sup>2</sup> emissions is **measuring** real changes. From the beginning we have undertaken household surveys. Our 2007 survey set our baseline, against which we have measured real progress in subsequent surveys. To date we have undertaken 4 surveys. The results show that our emissions from our houses have decreased over this time period, but our air and land transportation emissions have not shown any consistent trend downward, varying with economic conditions (eg. the 2008 recession seems to have resulted in dramatically reduced travel.) Clearly village residents must drive since we have no local transportation, so this represents an ongoing challenge for us.

### The good news since 2007:

1. Our total village emissions have been reduced by between 18 and 22%.
2. Our community hall's emissions have been reduced by 64%.
3. And, our annual tree planting has resulted in a 6% increase in CO<sup>2</sup> absorption.



**Thank you for your contribution to Eden Mills Going Carbon Neutral!**