

December 1st, 2021

Town of Amherstburg
271 Sandwich St. South,
Amherstburg, ON, N9V 2A5
Tel: 519-736-0012 x2272

Dear Mayor and Councillors of the Town of Amherstburg,

My name is Ami Gagné, and I am the Project Coordinator of Municipal Solutions at Food Cycle Science. Our company, Food Cycle Science, provides municipalities with innovative solutions for residential food waste diversion to reduce the quantity of organics going into landfills. We are a Canadian company based in Ottawa that offers an at-home approach to food waste recycling – reducing the lengthy time of traditional composting, diverting food waste from landfills, and reducing trash tonnage by up to 50%. With our technology, we can effectively divert 100% of a household's food waste without generating any methane gas emissions in the process. The residual created from the FoodCycler is a nutrient-rich soil amendment that you can then take and put back into the earth.

For municipalities with the FoodCycler, no green bin collection or processing infrastructure is required, and GHGs are reduced by 95% in comparison to sending food waste to landfills. Every FoodCycler deployed is estimated to divert at least 2 tonnes of food over its expected lifetime. Furthermore, every tonne of food waste diverted from landfills is estimated to reduce greenhouse gas emissions by 1.3 tonnes of CO₂e before transportation emissions. This can result in lower operating costs, fewer garbage trucks on the road and an extended lifespan for landfills. Not only that, but a food waste diversion pilot program would allow your residents to take part in an innovative solution to fighting climate change.

We work with many small, rural, and Northern communities where curbside green bin collection is challenging to implement or where landfill space is limited, and ways to extend its lifespan are considered. Presently, we have partnerships with twenty municipalities across six provinces/territories in Canada; fourteen municipalities are within Ontario. We are reaching out to you today in hopes of setting up a delegation to share information about our "*FoodCycler Municipal Solutions: Residential In-Home Food Waste Diversion Pilot Project*" and because we felt that your community would be a good fit for the benefits of the program and would like to suggest running a pilot project for which we have federal subsidies to offset some of the costs. These funded pilot programs are made possible via federal funding received from Impact Canada and Agriculture and Agri-Food Canada's [Food Waste Reduction Challenge](#).

Our company is committed to reducing Ontario's waste and achieving diversion targets while lowering greenhouse gas emissions and helping communities prepare for climate change. We are

aligned with Ontario's vision for the clean technology sector and environmental plan, a few of them are listed below.

- *Made-in-Ontario Environmental Plan, 2018*
 - Reducing and diverting waste from landfills, exploring opportunities to recover valuable resources by harnessing the innovation of the industry, find new purposes for packaging and products that reintegrates back into the economy
- *Waste-Free Ontario Act, 2016*
 - Reduce and divert waste over the next ten years and reducing emissions from waste and moving Ontario towards a circular economy.

Municipalities will often bear the material and financial burdens of climate change. With more at stake than higher levels of government, we believe that municipalities have a unique position in fighting climate change. As a first step, we would like to appear as a delegation (virtually) before Council to share information. Please do not hesitate to contact me if you have any further questions or concerns, and I hope to discuss this matter further.

Sincerely,

Ami Gagne
Project Coordinator, Municipal Solutions
amig@foodcycler.com | 613-700-4682

Our Municipal Partners



COMMUNITY INVESTMENT OPPORTUNITY: ON-SITE FOOD WASTE DIVERSION

IMPACT CANADA FOOD WASTE CHALLENGE SEMI-FINALISTS, FOOD CYCLE SCIENCE IS ACTIVELY LOOKING FOR MUNICIPAL PARTNERS TO PILOT THEIR FOODCYCLER FOOD WASTE DIVERSION TECHNOLOGY. FEDERAL FUNDING IS AVAILABLE TO SELECT MUNICIPALITIES TO SUPPORT THIS INITIATIVE.

IN PARTNERSHIP WITH   Government of Canada

CONTACT US FOR MORE INFORMATION:
855 367 6692 | MUNICIPAL@FOODCYCLER.COM

City of
NELSON

NELSON, BC | 2020

FOODCYCLER AND THE CITY OF NELSON PARTNERED MID-2020 TO OFFER 2 PILOT PROGRAMS TO NELSON RESIDENTS. A FULL PROGRAM ROLL-OUT IS IN PROGRESS.

PILOT PROGRAM TIMELINE

START

RESIDENTS PURCHASE A FOODCYCLER AT A SUBSIDIZED COST FROM THE CITY.

12 WEEKS

PARTICIPANTS USE THE UNIT FOR A PERIOD OF 12 WEEKS. ONCE WEEKLY, TRACKING THE NUMBER OF CYCLES AND AMOUNT OF WASTE DIVERTED.

END

PARTICIPANTS FILL OUT AN EXIT SURVEY, PROVIDING THEIR REVIEW OF THE PRODUCT AND ANY OTHER PERTINENT FEEDBACK.

THE RESULTS OF THIS SURVEY WILL FEED INTO A FINAL REPORT TO SUMMARIZE THE PILOT PROGRAM'S KEY TAKEAWAYS.

THE FOODCYCLER ELIMINATES METHANE GAS

REDUCES FOOD WASTE
BY UP TO

90%

REDUCES GREENHOUSE
GASES FROM FOOD
WASTE BY UP TO

95%

REDUCES OVERALL
HOUSEHOLD WASTE
BY UP TO

50%

15 TONNES

OF FOOD WASTE DIVERTED BY
151 NELSON RESIDENTS OVER A
3 MONTH PERIOD

83% YES

WOULD NELSON PARTICIPANTS
RECOMMEND FOODCYCLER?

4.5 

AVERAGE PARTICIPANT RATING

