

### What is waste diversion?

Waste diversion is the process of diverting waste from landfills by reducing, reusing and recycling material.

### Why should we divert?

- Saves landfill space
- Saves energy
- Benefits the environment
- Benefits our communities

### Did You Know?

Many residents in the Township participate in backyard composting of kitchen and yard waste materials.

Backyard composting is a method of waste diversion and helps to reduce the amount of organic waste going to landfill.

### EA Process Tips

The Environmental Assessment Process requires the study to consider an option to “Do Nothing” along with the list of new options being considered in the study.

## Waste Diversion Study

An Environmental Assessment (EA) of the Township of North Dundas (Township) Waste Management Plan is being undertaken under the provincial *Environmental Assessment Act*.

As part of the EA Study, a waste diversion study is being carried out to review the Township’s current programs and re-assess the long-term waste management diversion alternatives that are reasonable for the Township to consider within the EA process. Based on the information collected in this study, potential waste diversion options have been identified and evaluated, and the proposed enhancements to the waste diversion system identified.

### What is Currently Diverted?

The Township currently provides curbside recycling collection of containers (plastic and metal) and fibres (paper and cardboard) for residential and some institutional, commercial and industrial waste. Once collected, recyclables are sorted at the Boyne Road Landfill facility before being sent to be recycled.

The Township also:

- Accepts drop-off of recyclables at the Boyne Road Landfill facility
- Accepts drop-off of tires, appliances, Waste Electrical and Electronic Equipment (WEEE) and Household Hazardous Waste (HHW) material
- Operates a pilot project for leaf and yard waste collection from a limited number of dwellings within the Township

Also, residents voluntarily participate in backyard composting activities.

### What Options are Being Considered?

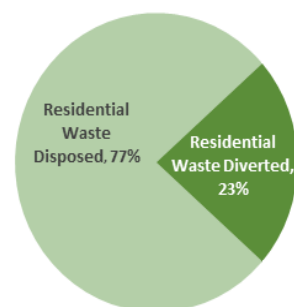
Waste diversion options have been identified as part of the EA Study for the Township and include the following:

- Do nothing and maintain the current system
- Collect food organics in a green bin program
- Enhance the current recycling collection program
- Introduce a full leaf and yard waste collection program
- Policy changes such as bans or bag limits

An evaluation of these options and results follow.

### How Much is Diverted?

Approximately **23%** of the Township’s residential waste is currently diverted from landfill



### Planned initiatives:

- Promotion and education for new and existing diversion programs
- Support local initiatives for waste minimization and re-use activities for materials such as pallets, textiles, cooking oil and construction and demolition materials (where possible to increase waste diversion)

## How Were the Waste Diversion Options Evaluated?

The waste diversion options were evaluated using the five criteria listed below:



### Environmental Impacts

Potential positive or negative impacts



### Cost Effectiveness

Considered in two ways: 1) the cost required per tonne of waste material diverted; or, 2) the cost required versus the additional waste diversion percentage achieved



### Social Acceptance / Economic Development

Expected community acceptability, including accessibility and convenience, practicality of transitioning to the new option and anticipated public participation



### Feasibility for Township to Implement

Compatibility with the Township's current programs, services, and infrastructure, including the opportunities and challenges associated with implementation



### Operational Considerations

Training requirements, maintenance, changes in practices and operations, liability, public health concerns, environmental risks, nuisances, market stability, etc.

## What Were the Results?

A combination of waste diversion options is proposed for the preferred waste diversion system. The preferred combined waste diversion system includes:

- Backyard Composting of Food Organics
- Dual Stream Recycling Program
- Curbside Collection of Leaf and Yard Waste and Composting at the Boyne Road Landfill Site
- Use of Existing and New Waste Management Policies

## What Effect Could This Have?

If this proposed combined system commences in 2021, the Township's residential waste diversion rate could increase to approximately 28% by 2025 and 33% by 2030

## Send Us Your Feedback on the Proposed Waste Diversion Program!

We encourage you to let us know your thoughts by sending your comments to [dfroats@northdundas.com](mailto:dfroats@northdundas.com) and/or using the attached comment form.

A digital copy of the full Waste Diversion Study is available on our website at:

<http://northdundas.com/landfillea/>

Or contact us at 613-774-2105 ext. 235 for any accessibility requirements.