

Message from Chief Laforme

Aanii Boozhoo,

The Mississaugas of the Credit First Nation Chief and Council, in partnership with the Ontario First Nation Technical Service Corporation (OFNTSC), is pleased to present our Waste Diversion Guide. Through this partnership, meaningful changes to the waste management programs within our community have been developed to minimize our carbon footprint and to ensure the health of our community members remains a priority.

As Anishinaabe people, it is our sacred duty to protect the earth and the indispensable gifts from G'zhemnidoo (the Creator). Through the Solid Waste Policy Guide, the Mississaugas of the Credit First Nation hopes to continue our sacred commitment as stewards of the earth.

Positive changes have been made in our waste management initiatives that we hope will continue to promote a *stronger, caring and connected* community. The Mississaugas of the Credit First Nation is committed to providing progressive, sustainable programs that will continue to protect the integrity of our environment and our community.


Miigwetch for your cooperation throughout the development of this project and for your dedication to the wellness of our community.

In Friendship,


Chief R. Stacey Laforme
Mississaugas of the Credit First Nation



Waste Electronics & Batteries



Household Hazardous Wastes

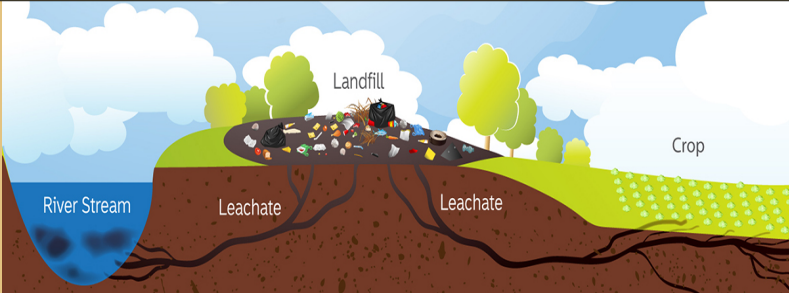


So What?

Why it is so important to keep these wastes out of the landfill?

Many household hazardous wastes are toxic and waste electronics contain heavy metals that when placed in a landfill mix with other liquids and trickle down through the layers of trash into the surrounding environment. This is called leachate. Since our landfills do not have liners, they are connected directly to our environment. The leachate enters our waters and our lands with its toxic ingredients – it does not respect mother earth. That is why it is important to keep household hazardous wastes & waste electronics out of the landfill and our environment.

Take your batteries & waste electronics to a recycling depot



Source of illustration: <https://www.envieq.com/what-is-a-leachate>

Use alternative friendly cleaners and take the rest to a HHW depot

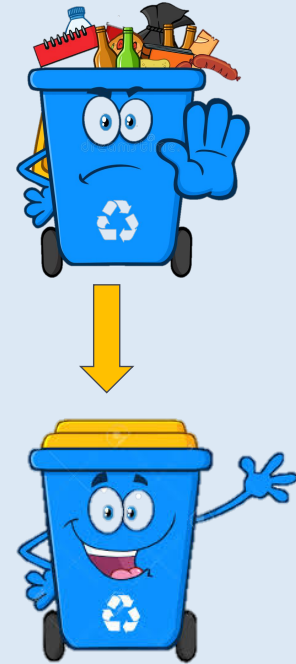


Other Waste and Recycling Services

	Waste Electronics	Bring to community waste electronic bin
	Scrap Metal	Community clean up event in spring and fall
	Old appliances with CFCs	Take to Canborough Transfer Station
	Old furniture	Part of curbside collection
	Tires	Community clean up event in spring and fall
	Used Medicine or Sharps	Take to Health and Social Services
	Used Oil	Take to Canborough Transfer Station
	Household Hazardous Waste	Bring to an annual Haldimand County Collection event – check the Haldimand website for dates
	Gently use goods	Find your local thrift store to donate

Why Recycling Properly Matters

- Placing non-recyclable packaging or items with food in your blue and/or grey box is called contamination
- This can result in the whole load being rejected at the processing facility and everything sent to landfill
- Processing facilities are beginning to charge back the landfilling and processing costs to communities with high contamination
- Ontario is struggling with its Blue Box program because of high contamination rates, which is resulting in higher costs to process the recyclable materials
- To ensure that our Blue Box recycling program remains viable, it is important to recycle properly



Say YES to RECYCLING

What goes in your Blue Box



Steel cans



Aluminum beverage cans



Cartons



Magazines & Newspapers



Flattened and bundled cardboard
4ft x 4ft x 1ft



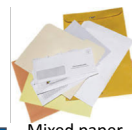
Plastic bottles & jugs



Plastic tubs & lids



Glass jars



Mixed paper



Boxboard



Spiral Wound



Clear Plastic containers



Single Stream








Black plastic containers



Egg cartons & Kraft paper

Single Stream Recyclable Papers

	Newspaper, Flyers, Magazines	<ul style="list-style-type: none"> All paper flyers are recyclable Include catalogues, magazines, newspapers 	<ul style="list-style-type: none"> Remove elastics Remove plastic bags covering papers
	Mixed Household Paper	<ul style="list-style-type: none"> Junk mail, cards, office paper, wrapping paper All paper envelopes, even with windows 	<ul style="list-style-type: none"> No tissues or paper towels No photographs or waxed paper No foil or shiny wrapping paper
	Cartons and Juice Boxes	<ul style="list-style-type: none"> Milk cartons, drink/soup and juice boxes, tetra paks, Flatten cartons & leave plastic lid on 	<ul style="list-style-type: none"> No liquid in cartons Place in blue box or grey box depending on program
	Boxboard	<ul style="list-style-type: none"> Cereal boxes, cracker boxes, tissue boxes, etc. Paper towel and toilet paper core 	<ul style="list-style-type: none"> Remove inner liner bags and place in garbage No tissues or paper towels
	Cardboard boxes	<ul style="list-style-type: none"> Flatten and bundle cardboard boxes and place beside grey box Place out as 4 ft x 4 ft x 1 ft bundle 	<ul style="list-style-type: none"> No food in boxes No wax coated cardboard boxes Tie with string

Single Stream Recyclable Containers

	Plastic Bottles & Jugs	<ul style="list-style-type: none"> Food and beverage bottles Tubs and lids and containers Bottles with necks, shampoo bottles 	<ul style="list-style-type: none"> No food or liquids in bottles No Styrofoam or peanuts No toys or durable plastics
	Aluminum & Steel Cans	<ul style="list-style-type: none"> Pop cans Empty paint cans Food cans 	<ul style="list-style-type: none"> No liquids in cans Don't flatten cans No foil (e.g. pie plates or tin foil)
	Glass Bottles & Jars	<ul style="list-style-type: none"> Food and beverage bottles and jars Keep lids on Avoid breaking glass 	<ul style="list-style-type: none"> No food or liquids in jars No light bulbs No windows or mirrors No drinking glasses
	Cartons and Juice Boxes	<ul style="list-style-type: none"> Milk cartons, drink/soup and juice boxes, tetra paks, Flatten cartons & leave plastic lid on 	<ul style="list-style-type: none"> No liquid in cartons Place in blue box or grey box depending on program
	Clear Plastic Containers	<ul style="list-style-type: none"> Clear berry and bakery plastic containers/trays Clear plastic egg containers 	<ul style="list-style-type: none"> No food or inserts

5 steps more is all it takes!

Help MCFN administration stay in compliance with our curbside collection contract by placing your garbage and recyclables at very end of the driveway.



Move your set out to the edge of the driveway to help the collection crew.



This set out is great - it's the winner!



What goes in the GARBAGE

NO this can't be recycled



Pouches



Containers with food



Diapers



Chip bags



Cling & Bubble wrap



Plastic Bags



Coffee cups



Clothing or textiles



Plastic Cutlery and Straws





How you can further reduce your wastes

- Use alternative cleaning products to reduce the hazardous materials going into the environments
- Say no to plastic straws, water bottles and other single use plastics
- Bring reusable bags for grocery or other shopping
- Bring your own reusable mug or cup for coffee/tea or drinks
- Pack a zero waste lunch
- Use containers to store food

ONE PLANET, ONE FUTURE

We are responsible for the future of this planet. It is estimated that humans are using natural resources at 1.75 times faster than the earth can replace them. This puts the planet's resources under incredible pressure. One way we can show our respect for mother earth by addressing our purchasing and consumption habits.

- Bring reusable shopping bags when you shop
- Bring reusable mugs and containers for takeout
- Purchase products with minimal packaging or recyclable packaging
- Establish swap programs in your community
- Establish repair workshops in your community
- Start new recycling programs for pens & markers, batteries, organics

Source of data: Phys.org at <https://phys.org/news/2019-07-resource-depletion-problem-footprint-dont.html>



How Long Does Plastic Last in the Environment?

Single Use Plastics Ban

On October 7, 2020, the Government of Canada announced its plan to achieve zero plastic waste by 2030. **By 2021**, the Government will impose bans on six single use plastic items including: stir sticks, straws, takeout containers, plastic bags, six-pack rings, and plastic cutlery.

PLASTIC BAG

100 years



POLYSTYRENE TAKE-OUT CONTAINERS

450 years



PLASTIC STRAW

200 years



PLASTIC WATER BOTTLE

450 years



PLASTIC SIX-PACK RING

400 years



PLASTIC FISHING LINE

600 years



Source: Plastic Action Centre at <https://plasticactioncentre.ca/directory/how-long-does-plastic-last/>



The 6 R's

Rethink – The way we purchase and use products

Refuse – Say NO to products that are environmentally or socially unsustainable

Reduce – Produce less waste and avoid products with unnecessary packaging

Reuse – Take an end-of-life product and use the materials or parts for another purpose

Repair – Fix a product when it breaks down or doesn't work properly

Recycle – Transforming end-of life products and packaging into new products or packaging

Toxic.Free.Home.



Safer and Cheaper Alternative Cleaning Products

- ✓ **Glass** - Mix 1/2 cup vinegar in 3 cups of water. Put in an old spray-pump bottle, use a soft linen rag to wipe.
- ✓ **Grease** - Rub with a damp cloth dusted in borax or baking soda, scrub with soap.
- ✓ **Bathroom** – Use baking soda to scrub the sink, tub and toilet
- ✓ **Scented All-Purpose** - Mix one part white vinegar with one part water or mix 1/4 cup castile soap to 1 quart warm water – put in a spray bottle & shake. Add lemon rinds for scent.
- ✓ **Oven** - Scrub with a paste of baking soda, salt and water. Use cookie trays or anything oven-proof that can be washed in your sink to collect spill-overs.

Not all cleaning products are safe...

Cleaning is an important part of maintaining a home; however, not all household cleaning products are good for our health or the environment. Cleaning products such as detergents, polishes and all purpose cleaners often include harmful chemicals, which can irritate our eyes or throat, or cause headaches and other health problems. When released into the environment, these products can pollute our drinking water and harm animals and the land.

It is best to avoid hazardous cleaning products including:

- Aerosol spray products
- Air fresheners
- Chlorine bleach
- Detergents and dishwashing liquid
- Furniture and floor polish
- Oven cleaners

Source: Lung Association at <https://www.lung.org/clean-air/at-home/indoor-air-pollutants/cleaning-supplies-household-chem>

Say NO to Burning of Garbage

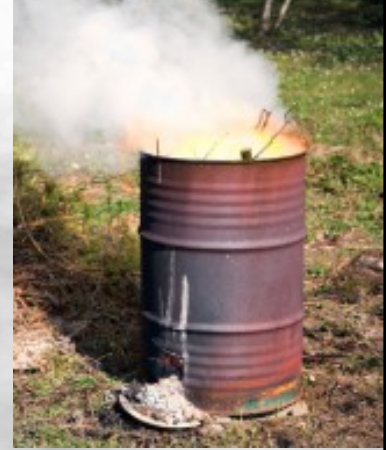
Did you know – Open burning of garbage is Ontario's largest source of cancer-causing dioxin emissions and produces more dioxins and furans than all industrial activities combined.¹

Furthermore, plastics, some kinds of treated paper, rubber and painted wood are the biggest contributors of toxic emissions from burning. These goods are made from chemicals and other nasty materials that are released into the air and environment when burned.

The smoke caused during burning affects people with sensitive respiratory systems, especially children and the elderly.

Burning of garbage can also cause surface and groundwater pollution, air pollution, insect infestation and forest fires.

For this reason, communities are increasingly banning burning of garbage to reduce their negative impacts.



¹ Sources: <https://www.muskokaregion.com/news-story/3613638-backyard-burning-is-a-major-source-of-toxic-air-pollution-in-ontario/> and what goes up, must come down at <https://www.canada.ca/en/environment-climate-change/services/managing-reducing-waste/municipal-solid/environment/open-burning-garbage-health-risks.html>



Source: <https://www.kitchenplot.com/blog/build-compost-bin-from-pallets>

Composting bins don't have to be fancy – a bin needs only three fixed sides and an optional removable front board. No bottom is needed. This allows easy access to the material. You can even use old pallets as the sides.

The Dirt on Backyard Composting!

Select a sunny, well drained place to set up your bin. Loosen the soil underneath the bin to allow insects and worms to find the pile of green scraps. Start to layer brown and green materials on a 50/50 ratio. To avoid problems with animals, don't include meat, fats and dairy.

Green Layer consists of

- ✓ Fruits & vegetables (e.g. peelings, cores, unused)
- ✓ Coffee grinds/filters & tea bags
- ✓ Egg shells
- ✓ Plants & garden waste
- ✓ Paper towels

Brown layer consists of

- ✓ Dried leaves
- ✓ Bread, pasta & rice
- ✓ Shredded paper
- ✓ Sawdust

Do NOT include:

- ✗ Meat, fish and bones
- ✗ Fats and oils
- ✗ Dairy products
- ✗ Pet waste

Tip:

If your compost pile is too full of browns, it will be slow to decompose. If the pile is too full of greens, it will smell bad.



Did You Know?

- Recycling paper uses 60% less energy than manufacturing paper from virgin timber
- Using scrap steel instead of virgin ore to make new steel takes 40% less water and creates 97% less mining waste.
- Every one tonne of paper recycled saves 17 trees
- It takes 95% less energy to recycle aluminum than it does to make it from raw materials
- Making products from recyclables results in energy savings. Recycled steel saves 60% production energy, recycled plastics 70%, and recycled glass 40%

Did you know?

E-waste is one of the fastest-growing waste streams on the planet.

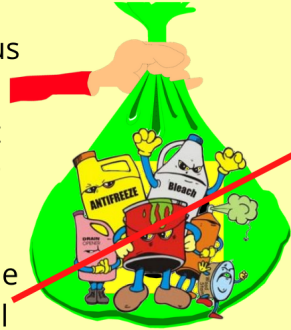
E-waste contains harmful chemicals and heavy metals such as mercury, lead, cadmium and brominated flame retardants, which are harmful to people and the environment.



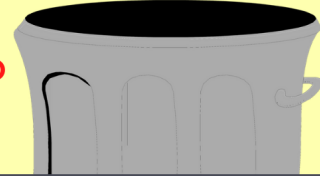
MAKE SURE TO RECYCLE YOUR UNWANTED ELECTRONICS AND BATTERIES

Household hazardous wastes have nasty chemicals that hurt our bodies and our environment

Keep them out of the garbage and landfill



TAKE YOUR HHW TO A HHW RECYCLING PROGRAM



Recycling makes a difference

Did you know that recycling:

- ➔ Creates 7 jobs for every 1,000 tonnes of waste recycled
- ➔ Creates 10 times more jobs than disposal/landfilling
- ➔ Saves lots more water, energy and resources than using virgin materials

Please continue to support your Blue Box recycling