



HCM's Blue Box Program Spread the Word, not the Waste!

June 2014

HCM Recycles! Resident? Visitor? Please pitch in!

Stewardship Ontario is an industry organization responsible for supporting waste management. It is a not-for-profit organization funded and governed by the industries that are the brand owners, first importers or franchisors of the



products and packaging materials managed under our recycling programs. They operate the:

Blue Box Program - the curbside recycling program for printed paper and packaging

Orange Drop - the recycling and safe disposal program for hazardous or special waste.



Stewardship Ontario touches the lives of Ontarians every day—whether you are

putting something in your Blue Box or returning unused paint or spent batteries to a depot or retail partner. They work hard to keep many materials out of landfill, and to recover as much value as possible from these materials at the end of their useful life.

Stewardship Ontario developed the Continuous Improvement Fund (CIF) to help Ontario municipalities undertake best practices initiatives to improve the effectiveness and efficiency of Blue Box recycling programs.

In 2013 CIF funded Head, Clara & Maria's development of a **Blue Box Promotion and Education Communication Plan**. This Newsletter is one of the products of that funding. You will soon notice blue recycling barrels, increased signage and posters in public places; also funded through this CIF fund.

Let's "Think beyond the Box!"

Let's Sort it Out!

Make sure that recyclables are clean and properly sorted.

Remember...
"If in doubt... find out!"

613-586-2526

New Recycling bins have been placed in public places. Please use them for Recycling ONLY!

Help us to keep HCM Green!

**Rinsed
Clean; no
Food to
be Seen.**

RECYCLING: IS IT WORTH IT?



According to Statistics Canada, Canadians generate about 30 Metric tonnes of waste annually, almost 24 Metric tonnes (78%) of which are discarded. These materials or, more accurately, these resources represent missed opportunities to create jobs, reduce greenhouse gas emissions, stimulate innovation, and conserve natural resources.



Canada produces more waste per person than any other country on earth. *Toronto Environmental Handbook 1999*

It would take 300 years for a littered aluminum can to break down by natural processes. *Multi-Materials Stewardship Board*

Each Canadian throws away approximately 1/2 kilogram of packaging daily. In fact, half of our cities' solid waste by volume and one-third of our waste by weight is made up of packaging. *District of Kootenay Boundary, British Columbia*

From June 03 to 18, 1995, volunteers covering a 307 km coastline in the Maritimes collected more than 100,000 items of trash. Of the total garbage collected, 61.9% consisted of polystyrene and plastic. *Environment Canada, October 1995*



One litre of oil can contaminate a million litres of ground water.

Recycling Council of Ontario, May 1998



If everyone in Canada wrapped just three presents in reused paper or cloth gift bags, we would save enough paper to cover 45,000 hockey rinks. *Ideal Bite*



The average recycled content of newsprint has risen from 1.4% in 1990 to 22% in 1997, reducing the Canada Pulp and Paper Industry's electricity consumption by over 2.5 million megawatt hours per year. *Canada Pulp and Paper Association*



Plastic products contribute 7% by weight and 30% by volume to municipal solid waste. *Environment Canada. Environmental Choice Fact Sheet: Products Made from Recycled Plastic." 1995.*



RINSED CLEAN, NO FOOD TO BE SEEN!

Canadians produce approximately 7 million tonnes of organic waste each year.

The Composting Council of Canada



Across Canada it costs more than \$1.5 billion per year to dispose of garbage.

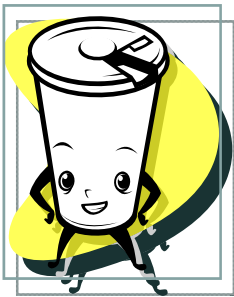
Destination Conservation

There are well over 10,000 landfill sites in Canada. *Environment Canada*



About 1/3 of our waste is paper and paperboard. Another third is yard and kitchen waste. The rest is divided among glass, metals, plastics, textiles, wood and other materials.

Environment Canada



If you purchase one cup of coffee in a disposable cup every day, you create about 23 lb of waste each year. *Ideal Bite*

HCM Recycles! Please Pitch In!



Rinsed clean; no food to be seen!

IS IT WORTH IT? YOU BET IT IS!



If recycled... 60 days is how quickly an aluminum can might be collected, transported for recycling, melted down, made into a new can, refilled and placed back on to the grocer's shelf.



Twenty-two minutes a week or just over 3 minutes a day are spent in composting activities on average. One application of compost could have a positive effect on plant growth for up to eight years.



Greater Vancouver Regional District



A glass container takes 8-12 weeks to be recycled and returned to the store shelf.

Recycled plastic is made into fibre to make new bottles, buckets, pails, carpeting, and fleece jackets.

10 plastic soft drink bottles are required to make the fiberfill for one ski jacket.

Greater Vancouver Regional District: Just the Facts



Paper is hydro-pulped into new paper products such as newspapers, books, magazines, catalogues or office paper.

One pound of newspaper can be recycled to make 6 cereal boxes, 6 egg cartons or 2,000 sheets of writing paper.

Recycling Council of Ontario

Recycling one ton of glass saves about nine gallons of fuel oil. *Recycling Council of Ontario*

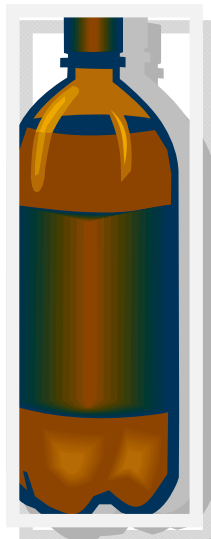
Recycled Plastic

It takes 53 two-litre pop bottles to make enough fibrefill for one sleeping bag. It takes 9 two-litre pop bottles to make an XL t-shirt.

Canadian Plastics Industry Association

Ford of Canada uses recycled pop bottles to make its door padding and trunk trim.

Reader's Digest, December 2005



Recycling one tonne of newspaper saves 19 trees, 3 cubic metres of landfill space, 4,000 kilowatt hours of energy,

29,000 litres of water and 30 kgs of air pollution. *Recycling Council of Ontario*



HOW TO INCREASE YOUR OUTPUT!



Know your/our program. Read the contents of this bulletin. Keep it on the fridge.

Gather and prepare your recyclables as you go. Set up separate bins in your home or garage that will help you sort items ahead of pickup day.



Create reminders around the home. Mark your bi-weekly recycling day on a calendar hung in a prominent spot where you are sure to see it. Eventually, you will know the right day as you create a new habit.



Take action and make recycling fun. Make recycling a family pastime, enlisting everyone to consider if something could be recycled instead of thrown away.

Discuss the benefits of recycling which include helping the environment and cutting down on your household garbage volume. Help all family members become familiar with the various classes of recyclables, including the various numbers on plastics.

Recycle Paper—If each household in Canada replaced 1 roll of virgin toilet paper with just 1 roll of recycled toilet paper, we could save:

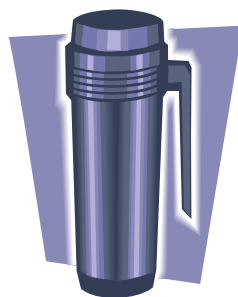
- 47,962 trees



- 3,204 cubic metres of landfill space, equal to 181 full garbage trucks
- 65.5 million litres of water, a year's supply for 135 families of four
- Avoid 4, 567 kilograms of air and water pollution from manufacturing *Greenpeace*



Each Canadian produces five tonnes of greenhouse gas every year. By recycling our organic kitchen waste, we can save up to 12.5% of one tonne. *Gov of Canada, One Tonne Challenge*



Ask your coffee shop to refill your coffee mug instead of using take out.

2/3 of our household waste can be composted. Consider setting up a home composter. With just a little care; the bears won't bother with it.

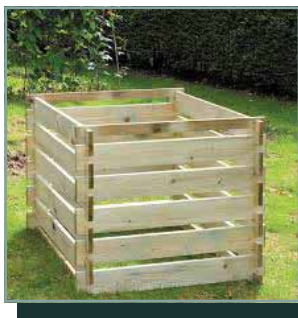


WASTE MANAGEMENT—OUR HISTORY!

Our Waste Management By-law was passed in 2011. The intent of the by-law is to promote the **diversion of waste to our Blue Box/Bag program, to composting and to our annual Hazardous and Special Waste Collection extending the life of our landfill sites.**

In May 2012 a user pay or “pay as you throw” system was implemented including:

- ◆ Tipping fees for all users for all garbage;
- ◆ **FREE** recycling—for all users, all recyclables and any volume;
- ◆ One **FREE** bag of garbage per **residence** per week;



Compensation of up to 75% of the cost of a composter to a maximum of \$50 as set by Council. Bring in your receipt to receive a refund.

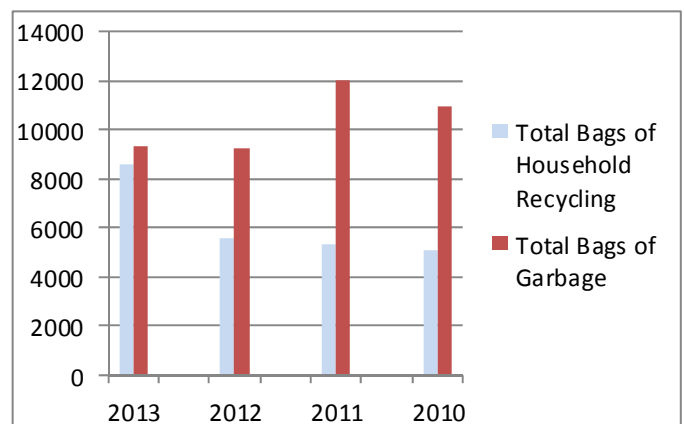
- ◆ Only tagged bags of garbage are collected road side. One bag for residents, four for commercial operators. (Additional waste is to be self hauled to the disposal sites.)
- ◆ Recyclables may be dropped off at the disposal sites in specified areas or smaller items left at the curb for collection.

Why Pay as You Throw?

Simply to enforce the principle of “generator pays”. The less waste you produce, the less you pay. The ultimate goal is to extend the life of our landfill sites by encouraging waste diversion through the use of various **FREE** municipal programs.



Since May 2012 users of the landfill sites within the Municipality have been required to pay for any materials deposited to the site over and above those limits as set out in the by-law.



FREE MATERIALS

NO CHARGE FOR:

- ◆ Residential Recyclable Containers and Fibres. **FREE**
- ◆ Residential brush and leaves. **FREE**

TIPPING FEES AND FREE MATERIALS!

- ◆ Residential Household Hazardous Waste at designated sites and times. **FREE**
- ◆ Metal (excluding appliances). **FREE**
- ◆ Passenger car or truck tires not exceeding 20 inches and limited to four per household per year. **FREE**

SCHEDULE “F” TIPPING FEES

- ◆ Bags - standard size –\$1/bag;
- ◆ Oversized– \$2;
- ◆ Upholstered Furniture or Mattresses—\$5 each chair or small sofa; - \$10 each large sofa or sofa bed or mattress;
- ◆ Large Appliances - fridge, stove, freezer etc.—\$10 each; (call Andre he **may** collect them for free—613-401-7063)
- ◆ (Hydro One has a program where they will pick up a fridge or freezer for **FREE**)

- ◆ Boats -any material—\$3 per linear foot;

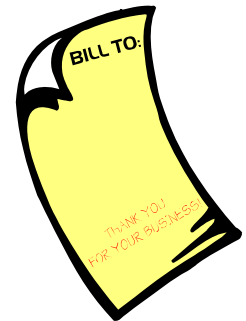
CONTAINERS PER CUBIC YARD

- ◆ Loose Waste—\$10/cubic yard;
- ◆ Demolition/construction Waste - wood products, drywall and insulation products—\$20 per cubic yard;
- ◆ Asphalt Shingles—\$30 per cubic yard;
- ◆ Compacted material—\$30 per cubic yard;
- ◆ Railway Ties—\$5/tie;
- ◆ All Other Material—\$40 per cubic yard;
- ◆ Highway Accident Refuse - non-hazardous—\$100/cubic yard;

- ◆ Highway Accident Refuse - hazardous material—Not accepted, will need to locate an authorized venue for disposal;
- ◆ Building Fire/Building demolition—\$300 per load (standard dump truck);

In order to facilitate the payment of tipping fees, we have changed the procedure slightly. Bring your material to the landfill. Bill will help to advise which materials may be separated out as “free” or recyclable materials and charge only for those materials requiring a fee. Bill will estimate the volume of waste and have you help create a slip which you will initial or sign. He will submit it to the office and you will be invoiced.

Practise has shown that obtaining a tipping slip at the disposal site is most effective as the attendant will know what you can recycle, possibly changing what you need to pay. Cash or other payment (aside from unused bag tags) **WILL NOT** be accepted at the disposal site.



Payment may be made by returning the invoice you receive in the mail along with cash or cheque to the office. After hours it can be dropped in the slot in the office door. Or you can also use the online payment tool.



OUR PROGRAM CONT'D

Please be prepared to:

- ◆ Provide evidence that you are a resident or cottage owner;
- ◆ Provide a complete mailing address along with postal code and phone number;
- ◆ Sign/initial the form;
- ◆ Pay the invoice you will receive in the mail.
- ◆ Any unpaid invoices will be affixed to the roll/tax bill of the property from which the waste originated and will become owing in the same manner as taxes.



Beginning May 2012, Municipal staff began collecting only one TAGGED bag of garbage from each residence. Any other garbage is left road-

side and will be the responsibility of the resident to transfer to the disposal site.

Also, **bags containing an obvious quantity of recyclable or hazardous materials will not be collected.** As per provincial legislation, spot audits will be performed to determine bag content and compliance with the Waste Management By-Law.

If a bag is not compliant with the new regulations, a notice will be left explaining



why your garbage was not collected. Reasons could include:

- ◆ More than one bag of waste;
- ◆ Material not bagged/packaged properly;
- ◆ Material too heavy, > 40 lb.;
- ◆ Material not acceptable for regular collection (hazardous/recyclable content);
- ◆ Material or item too large;
- ◆ Material was scattered.

Materials will not be received at the disposal site or collected by our attendant if they are **contaminated with RECYCLABLE MATERIALS OR HAZARDOUS WASTE.**

All TRUCK/TRAILER loads are required to be source separated—meaning that the resident is required to ensure that recyclable materials are separated from garbage. There will be no tipping of large mixed loads. Drivers will have to separate recyclable or hazardous materials out.

Separated loads of recyclable materials, metal, clean wood or brush etc. may be brought to the site for **FREE.**

The normal rules for recyclables need to be complied with—papers and fibres kept separate from other materials and all materials clean.

The following guidelines must be observed in order for waste and recycling collection services to be guaranteed:

- ◆ Waste and recyclables shall be set out no later than 8:00 am on the morning of collection to provide for emergencies or modifications to routine of operator;



- ◆ Waste and recyclables shall be the responsibility of the homeowner until collected by the Municipality. **If animals tear into and strew waste about the roadside, it is the homeowner's responsibility to clean it up;**



- ◆ "one bag" shall mean one standard size garbage bag of dimensions of approximately 24 inches X 36 inches or container of approximately 15 gallons.



- ◆ **One (1) bag shall be collected from each residence with four (4) being collected from each trailer park or other commercial operation;** Tags will be provided.
- ◆ over-sized/contractor bags shall count as two bags of garbage and require 2 tags;
- ◆ bags or containers shall not weigh more than 40 pounds when filled;

- ◆ Waste & recyclables shall be visible to the collection staff from the road;
- ◆ Waste & recyclables shall not be placed atop or behind a snow bank;
- ◆ In winter, waste & recyclables shall be out of the path of the snow plow;
- ◆ waste shall not contain household hazardous waste;
- ◆ **household hazardous waste** shall not be collected but instead self-hauled to the Kenny Road landfill site for short term storage as per the amended Municipal Certificate of Approval or held on the owner's property until the next Municipal Hazardous and Special Waste (MHSW) collection event;



- ◆ For some time now, containers have been available at each site to **collect small volumes of hazardous materials** such as batteries, fluorescent light bulbs etc.
- ◆ construction and demolition waste, including wood, drywall, carpet, tiles etc., shall not be collected roadside; construction and demolition waste must be **self-hauled** to the landfill and disposed of appropriately. Tipping fees will apply.

DISPOSAL SITE ETIQUETTE



An ongoing issue that requires some attention is procedure at the disposal sites. In order to ensure that we are compliant with Ministry of the Environment legislation staff and Council have to comply with the established rules and regulations contained in our site Operations Plan.

A long existing regulation is the requirement to wait in line at the disposal site for the attendant to provide assistance. With the new by-law it is even more important that you wait until our attendant can ensure that you are disposing of your materials in the proper location. **Please be considerate of others.** Ours is a small community, so the wait should never be too long however; it has been a challenge in the past through the summer months. Thank you for your patience and willingness to help Bill make sure rules are followed and our sites are kept safe. Failure to comply may result in your being banned from the site.

MUNICIPAL HAZARDOUS & SPECIAL WASTE

In the past Council and staff have had some concern with the amount of hazardous waste being disposed of in landfill. 2013 and 2014 Collection events have had exceptional turnouts with more and more people bringing these materials to store at the disposal sites throughout the year and turning up on event day. For 2014 we had 55 households represented with 3,800 litres and 250 kg of hazardous waste diverted. **Congratulations.**

We ask you continue to do your part to separate hazardous materials from your regular garbage and take the extra steps to properly dispose of them.

Bill is collecting some of this material at Bissett and transporting it to Stonecliffe. There are now containers labelled “batteries” and “fluorescents” etc. at the sites. Please separate these and other hazardous materials from your regular garbage and deposit them into these containers. Fluorescent lights and batteries are especially harmful if broken in the landfill as they look harmless but are toxic while broken.

Although this year’s event has just passed, keep these materials in mind when disposing year round. You do have options with the containers at the sites. Again, all of these products may be disposed of for **FREE.**



Participate In Your Local Household Hazardous Waste Roundups

HAZARDOUS AND SPECIAL WASTES

Household hazardous waste includes any household product, material or item, other than empty containers, labeled as: **corrosive or toxic; reactive; explosive; oxidizing; poisonous; infectious; or flammable.**

COMMON HOUSEHOLD HAZARDOUS MATERIALS

- **antifreeze**
- **lighter fluid**
- **Lye**
- **batteries**
- **Brake fluid**
- **Mothballs**
- **Chemical strippers and oven cleaners**
- **Nail polish remover**
- **Chlorine bleach**
- **Propane tanks**
- **Contact cement**
- **Paints**
- **Pesticides**
- **Drain cleaners**
- **Pool chemicals**
- **Fire extinguishers**
- **Prescription drugs**
- **Flea collars and sprays**
- **Solvents**
- **Herbicides**
- **Insect repellent and insecticides**
- **Spot removers**
- **Stains and finishes**
- **Kerosene**
- **Toilet cleaners**
- **Lawn chemicals**
- **Used motor oil**



YOUR BLUE BOX RECYCLABLE MATERIALS

“Recyclable materials” includes but is not limited to:

- ◆ plastic containers;
- ◆ papers and cardboard;
- ◆ ink jet cartridges;
- ◆ cell phones;
- ◆ rechargeable batteries;
- ◆ food and beverage glass bottles and jars;
- ◆ metal food and beverage cans;
- ◆ aluminum foil and trays;
- ◆ #1 (PET) plastics, #2 (HDPE) plastics, #3 (PVC), #4 (LDPE) plastics, #5 (PP) plastics, #6 (PS) and #7



- ◆ (OTHER PLASTIC) plastics consisting of bottles, containers, trays, tubs, lids and film, but not including motor oil containers; bail wrap and twine, toys, and plant trays;
- ◆ polycoat milk and juice cartons;
- ◆ tetrapak drinking boxes;

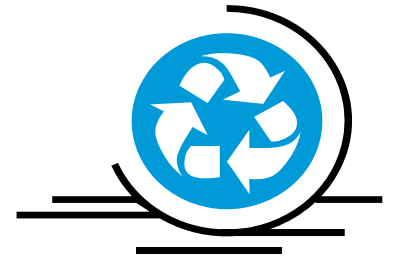
- ◆ empty and dry paint, stain and coating cans with lid removed;
- ◆ empty aerosol cans;
- ◆ “recyclable paper” including but not limited to:
 - * Newspaper, insert flyers, magazines, catalogues and telephone books, junk mail, writing and computer paper and envelopes;
 - * paper bags; fibre egg cartons
 - * paper rolls such as the inserts for toilet paper and paper towels;
 - * boxboard and waxed boxboard;
 - * hard and soft cover books;
 - * paper cups;
 - * greeting cards and gift wrap;
- ◆ “recyclable cardboard” includes, clean, unwaxed corrugated cardboard

All recyclable waste, whether set out for collection, deposited in the depot bins or brought to the landfill, shall be separated from non-recyclable garbage and prepared for collection as follows:



- ◆ All wet materials shall be separated from dry papers and packaging.

- ◆ All material shall be placed in clear/transparent bags for collection.
- ◆ Glass bottles and jars rinsed with tops off.
- ◆ Metal cans rinsed with the lids cut off.
- ◆ Plastic bottles and jars rinsed with tops removed.
- ◆ Aluminum trays and foil clean, folded together and placed loose.
- ◆ Clean Styrofoam loose in the bag.
- ◆ Corrugated cardboard shall be broken down, laid or folded flat, preferably bundled within another box.
- ◆ Boxboard and other paper is to be cleaned of any food and/or plastic liners and flattened.
- ◆ Clean plastic bags and packaging shall be placed in a sound transparent plastic bag and tied shut.
- ◆ No loose material will be collected unless the items are large and easily carried as all materials are hand loaded on and off collection vehicles..



Transitioning to our new Waste Management Plan has not been seamless but has certainly been quite smooth. Over two years in and we have had few major challenges.

Thank you all for your efforts; they have not gone unnoticed.

Please remember that Council’s goal is an extended life of municipal landfill through the diversion of recyclables, hazardous materials and compostable materials. Please do your part to assist us to ensure that

your municipality is as GREEN as it can be. Although most of us can still strive to improve our diversion rate, as a whole HCM residents are doing well.

Our main challenge remains with seasonal visitors, cottage owners, campers, a few holdouts and ourselves when we host large events.

We know that recycling is an important part of all of our lives and is promoted whether we live in the country or the city. Most of our visitors recycle in their homes. Lets do our part to let visitors know how important it is to us for them to recycle while they visit us.

If you have any ideas which may increase diversion by our residents and visitors alike; please share. You may have observed successful techniques implemented elsewhere which may be utilized here. We would be happy to hear from you.

Yours in recycling,

HCM Council and staff.



SMART CONSUMERS KNOW ALL ABOUT THE 3RS Reduce, Reuse, Recycle

Smarter consumers also Rethink

- Do you really need that item?
- Can you buy fewer of some things?
- Can you reuse what you have, or buy used?
- Can you recycle the packaging where you live?
- Can you donate or recycle items when you're finished with them?

Consider your options and be a smarter consumer!

Brought to you by the Recycling Council of Ontario:
protecting the environment for future generations
through **Reduction, Reuse, Recycling.**

And Rethinking.



Toll-free: 1-888-501-9637



The Danger in Fluorescent Bulbs

The following is part of an on-line article from CBC Canada dated March 2014 relating to Compact Fluorescent lights. From <http://www.cbc.ca/news/technology/compact-fluorescent-bulbs-often-end-up-in-trash-1.2580693>

“Most Canadians are using compact fluorescent bulbs, but only a third of them are disposing of the mercury-containing devices properly, a new Statistics Canada report suggests. “ ...but people are not disposing of them properly and/or do not understand the risks in disposing of these bulbs in landfill.

“The Households and the Environment Survey of 20,000 Canadians, conducted by phone in October and November 2011 found that:

- ◆ *Only 32 per cent of households disposed of compact fluorescent light bulbs properly by dropping them off at a hazardous waste depot or returning the bulb to a store.*
- ◆ *50 per cent of households surveyed threw the light bulbs in the garbage.*
- ◆ *12 per cent still had the old bulbs in their home.*
- ◆ *The remaining six per cent used an "unknown" method of disposal.*



Each bulb contains a small amount of mercury, which can damage the brain, spinal cord, kidneys and liver of humans and other living organisms.”

Please be cautious when making your purchasing and disposal decisions.

'If something isn't easy to do, people won't do it.'

Amanda Kinden, Green Action Centre

PLEASE RECYCLE!

CONTACT Council or Staff

15 Township Hall Road
Stonecliffe, Ontario
K0J 2K0

Phone: 613- 586-2526

Fax: 613- 586-2596

Disposal Site Attendant

Bill Donnelly

Email: twpshcm@xplornet.com

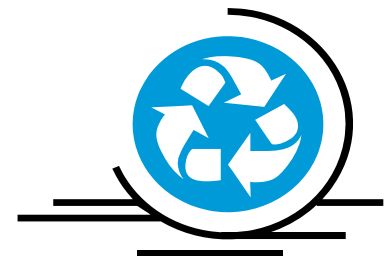
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Reduce

Reuse

Recycle



FOCUS ON

DIVERSION