



RECYCLING

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- In past presentations we covered backup power sources (including solar, UPS's and generators), and we also covered surge protectors.
- Then the April ice storm led to updates to these original presentations, as well as other things we could do during power outages.
- Ultimately, this has led to the question *“What do you do with all this stuff when it is time to dispose of it?”*.
- So now we'll cover Recycling.

RECYCLING

- We're going to look specifically at recycling things like batteries, e-waste, printer toner and ink, but we'll also have a look at recycling in general too.
- Much of this information is specific to the City of Ottawa, but most municipalities and townships have similar programs that you can find out more about on their websites.
- Ottawa's website is <https://ottawa.ca/en/garbage-and-recycling>

RECYCLING - Batteries

According to [RecycleYourBatteries.ca](https://www.RecycleYourBatteries.ca), you can recycle your single-use and rechargeable dry-cell batteries (weighing up to 5 kg each) at:

- Staples
- Lowes
- Rona
- The Source
- Home Hardware
- Rexall
- Home Depot*
- Best Buy*

and over 9,000 other locations. They have a search tool to find locations close to you.

* - Check with the store first

RECYCLING - Batteries

According to instructions at RecycleYourBatteries.ca:



COLLECT

Don't throw out that one used battery you just replaced. Put it in a non-metal container such as a shoebox, plastic takeout container, or glass jar. Soon enough, they'll add up.

[Learn More](#)



PROTECT

Reduce the risk of sparks. Use non-conductive tape to cover the positive terminal of **lithium, small sealed lead acid (SSLA), button cell and alkaline batteries over 12V**.

Alternatively, place them in individual plastic bags.



DROP OFF

Drop off your collected batteries every 3 months to avoid corrosion. You can find the closest drop-off location [here](#).

They also give instructions for handling and disposing of other types of batteries including eMobility batteries and damaged batteries. Note that damaged lithium metal or lithium-ion batteries are considered **ESPECIALLY HAZARDOUS** and should **NOT** be placed in a regular recycle box for recycling.

RECYCLING - Batteries

- [Total Battery](#) will recycle most used batteries, and sometimes even pay you a core fee for used car and deep cycle batteries. They have three Ottawa area locations:
 - 65 Bentley Ave, Unit #12, Nepean
 - 1151 Newmarket St, Ottawa
 - 119 Iber Rd, Stittsville
- Most stores that sell lead-acid (car, truck and deep cycle batteries) will take them back for re-cycling.

RECYCLING - Batteries

At least some [Ottawa Public Library](#) branches recycle batteries (check with the branch first). But tape over the terminals of lithium batteries to avoid any fires, and separate batteries by type in bags.

RECYCLING - eWaste

- eWaste includes desktop and laptop computers, peripherals (keyboards and mice), monitors, printers, disk drives, fax machines, televisions, amplifiers, audio and video players, cameras, cell phones, copiers, fax machines, pagers and PDAs, scanners, speakers, telephones, answering machines, tuners, turntables, and video projectors.
- Be sure to remove personal information from electronic devices before you recycle them.
- Most electronic retailers such as [Staples](#) and [Best Buy](#) will take back electronics for recycling. Check their websites or the store for more information.

RECYCLING - eWaste

- **Some not-for-profits have eWaste recycling programs as fundraisers. Check their websites for more info.**
- **For example, you can drop off eWaste 24x7 behind the Kemptville Youth Centre at 5 Oxford St West, Kemptville. FMI see their [website](#).**

RECYCLING - eWaste

- You can get some more info on eWaste recycling at the [Electronic Products Recycling Association \(Ontario\) website](#).
- If you Goggle '*ewaste recycling Ottawa*' it will give you lots of listings. Keep in mind many of these are businesses and may not take your eWaste for free.
- You can drop off eWaste for free at the City of Ottawa's Trail Road Dump. For more info, go to the [Trail Road Dump website](#) (also more info on this later in the presentation).

RECYCLING - Printer Toner and Ink Cartridges

- **You can recycle your printer's toner cartridges at any Staples or at Envirolaser (199 Colonnade Road South).**
- **You can recycle your printer's ink cartridges at any Staples.**
- **According to their website, Best Buy accepts both types of cartridges, but in recent discussions on the OPCUG forum some members have reported problems with this.**

RECYCLING - Staples

- Staples has one of the best recycling programs of any of the major electronics retailers.
- They will take in batteries, printer toner and ink cartridges (sorted by brand), eWaste and other items.
- In my local Staples, the 'recycling centre' is just inside the store to the side of the entry foyer. Other branches have it near the printer supplies.
- You may need to bring larger eWaste to the Service Counter. Consult the store before you bring the items in.



Recycling Depot In the
Calgary: Chinook Staples

RECYCLING – Major Appliances

Most stores that sell major appliances (e.g. stoves, refrigerators, dishwashers, washers, dryers) will take away your old appliances and make sure they are recycled (e.g. properly removing refrigerants). Some stores do this free, others charge to do this.



RECYCLING - Books

- Starting July 1, the City of Ottawa no longer accepts hard and soft cover books in the black bin.
- There are several used bookstores. For example, the [Book Market](#) chain has four locations in the Ottawa area:
 - 144 Prescott St., Kemptville
 - 1534 Merivale Rd., Nepean
 - 1980 Robertson Road, Bell's Corners
 - 1675 10th Line Rd., Orleans
- Keep in mind you may not get much or any \$\$\$ for your old books at any used book store. And there is not much of a market for old encyclopedias, National Geographic's, etc.
- While they are keen to get copies of current bestsellers, they are overstocked with older bestsellers.
- Value Village will accept donations of books (as well as magazines, CD's, DVD's, vinyl albums, cassette tapes and video games). Keep in mind they are a for-profit business.

RECYCLING - Books

- **Some not-for-profits have book sales as fundraisers. Check their websites for more info, or Google '*used book sales Ottawa*'.**
- **There is the Ferguson Forest Centre Annual Booksale in support of the Kemptville Youth Centre running this year in August on Friday 18th 8am - 7 pm, Saturday 19th 8 am 5 pm and Sunday 20th 8 am - 12 noon. You can drop off books for donation at the Outlet Store at the Ferguson Forest Centre, Veterans Way, Kemptville:**
 - **July: Thursdays from 6th 4 pm until 6 pm**
 - **July: Saturdays from 8th 9 am until 12 pm**
 - **August: Thursday 3rd & 10th 4 pm until 6 pm**
 - **August: Saturday 5th 9 am until 12 pm**
 - **Additional Drop Off at the Shipping Shed August 14th - 16th 9 am - 12 pm**

City of Ottawa RECYCLING

- The City of Ottawa sponsors the *'Take it Back!'* program, where local businesses take back many of the products that they sell. The businesses ensure items are reused, recycled or disposed of properly.
- You can find these *'Take it Back!'* members, as well as information on what to do with other waste items, using the City's online ['Waste Explorer'](#) tool.

RECYCLING – Household Hazardous Waste

- **The City of Ottawa hosts several Household Hazardous Waste events in different parts of the city during the spring, summer and autumn where you can drop off your Household Hazardous Waste.**
- **The events only accept waste from City of Ottawa residents.**
- **If it's corrosive, flammable or poisonous it's hazardous waste. These types of products contaminate water and landfills and should never be poured down the drain or put out with your regular garbage.**
- **For details and additional info go to:**
<https://ottawa.ca/en/garbage-and-recycling/hazardous-waste-and-special-items/disposal-household-hazardous-waste>

RECYCLING – Household Hazardous Waste

Household hazardous waste materials include:

- **Aerosol containers**
- **Propane cylinders**
- **Disinfectants**
- **Fluorescent bulbs/tubes (including Compact Fluorescent)**
- **Fire extinguishers**
- **Fertilizers and pesticides**
- **Mercury switches/thermometers**
- **Motor oil**
- **Needles and syringes**
- **Oil filters**
- **Pharmaceuticals**
- **Paints and coatings**
- **Oven and window cleaners**
- **Pool chemicals**
- **Gasoline**
- **Perfume and aftershave**

Note: Pre-Covid, e-waste was also accepted at HHW events, but now must be disposed of elsewhere.

Note: If you take used oil and/or stale gas in a container like a jerry can, you must ask for the container to be returned to you after they empty it.

RECYCLING – Household Hazardous Waste

Dates and Locations of 2023 HHW Events (All are from 8AM to 4PM):

- **Sunday, April 23 - 300 Coventry Road – RCGT Stadium**
- **Saturday, May 6 - 4837 Albion Road South – Rideau Carleton Raceway, Hard Rock Casino**
- **Sunday, June 25 - 200 Cyclone Taylor Boulevard – Canadian Tire Centre**
- **Sunday, July 9 - 3100 Conroy Road – Conroy Snow Dump**
- **Sunday, August 13 - 2170 Mer Bleue Road – Innes Snow Dump**
- **Sunday, August 27 - 4061 Strandherd Drive – Strandherd Snow Dump**
- **Sunday, September 10 - Tunney's Pasture (Please follow the signage at Tunney's Pasture for the specific location of the event)**
- **Sunday, October 1 - 200 Westbrook Road – Westbrook Snow Dump**
- **Sunday, October 22 - 2170 Mer Bleue Road – Innes Snow Dump**

(NOTE: The last vehicle will be emptied at 4 pm.)

Trail Road Dump RECYCLING

- The City of Ottawa's Trail Road Dump (4475 Trail Road off of Moodie Drive, south of Fallowfield Road) will allow you to drop off
 - tires (with or w/o rims),
 - metals and
 - eWaste

for FREE. You have to pay by weight to drop off anything else (Debit or credit cards only, no cash).

- Household hazardous waste and liquid waste is NOT accepted.
- Normal ours are Monday to Friday, 7 am to 6 pm. Special hours in the summer are:
 - Monday, July 3 from 9 am to 5 pm.
 - Saturday, July 8 - 7 am to 6 pm
 - Saturday, July 22 - 8 am to 4 pm
 - Saturday, August 5 - 8 am to 4 pm
 - Saturday, August 12 - 7 am to 6 pm
- For more info, go to the [Trail Road Dump website](#).

Curbside RECYCLING

- The City of Ottawa does curbside recycling:
 - Green bin - organics,
 - Blue bin - metal, plastic, glass (except beer, wine & liquor bottles), cartons (milk, juice, soup cartons & drink boxes)
 - Black bin - clean or lightly soiled paper and cardboard (except hard and soft cover books)
 - Yard bag - yard waste (yard waste like branches can also be bundled using string or twine)
- See the [Recycling website](#) for more details, rules, and for inclusions and exceptions.

Curbside Garbage Collection

- The landfill is filling up fast and more than half of what currently goes to the landfill should go in the green, blue or black bins or yard bags to be recycled. The City's Trail Road Waste Facility is expected to reach capacity in 13 to 15 years.
- Next year (2024) the City of Ottawa will lower its limit for curbside garbage collection to three items on collection day from the current limit of six items. This will help reduce unnecessary waste going to the landfill. The City will share more information with residents before implementation of this new limit.
- The three-item limit would not apply to people living in properties with more than six residential units or unavoidable farm waste from agricultural properties.

URL's

City of Ottawa's recycling website

<https://ottawa.ca/en/garbage-and-recycling>

RecycleYourBatteries

<https://www.call2recycle.ca/recycleyourbatteries/>

Total Battery

<https://www.totalbattery.com/>

Staples

<https://www.staples.ca/a/content/sustainability>

Best Buy

<https://www.bestbuy.ca/en-ca/help/haul-away-and-recycling/battery-and-electronic-recycling-program>

Kemptville Youth Centre eWaste Recycling

<https://www.kyc.team/e-waste-drop-off>

URL's

Electronic Products Recycling Association (Ontario)

<https://epraon.ca/>

Trail Road Dump

<https://ottawa.ca/en/garbage-and-recycling/garbage#section-b48fbdf4-393e-4105-9f65-0fcf9ccf75a7>

The Book Market

<https://www.bookmarket.ca/index.html>

Value Village

<https://www.valuevillage.ca/>

Ferguson Forest Centre Annual Booksale in support of the Kemptville Youth Centre

<https://www.kyc.team/upcoming-events>

Envirolaser

www.envirolaser.com

City of Ottawa's Household Hazardous Waste

<https://ottawa.ca/en/garbage-and-recycling/hazardous-waste-and-special-items/disposal-household-hazardous-waste>

Upcoming

In a future session, we'll cover the care & feeding, the dangers and the disposal of the lithium batteries that power so many of our modern devices, from smart phones to electric vehicles.