British Columbia's

Recycling Handbook

BC recycles

bcrecycles.ca

What can I recycle?

Where can I return it?

PAGE		TAKE BACK TO DEPOT	RETURN TO RETAILER	COLLECTION EVENTS, CURBSIDE/RDO*	URL
6	Beverage containers	✓	✓	✓ †	return-it.ca
7	Beer containers	✓	✓	✓ †	envirobeerbc.com
8	Electronics	✓	✓	✓	return-it.ca/electronics
9	Cell phones		✓		recyclemycell.ca
10	Small appliances + power tools	✓		✓	electrorecycle.ca
11	Outdoor power equipment	✓	✓		opeic.ca
12	Lighting products	✓	✓		lightrecycle.ca
13	Household batteries	✓	✓	✓	call2recycle.ca
14	Lead-acid batteries		✓		recyclemybattery.ca
15	Paints, flammables + alarms	✓	✓		regeneration.ca
16	Used oil + antifreeze	✓	✓	✓	usedoilrecycling.com
17	Tires		✓	✓	tsbc.ca
18	Thermostats	✓		✓	switchthestat.ca/eng
19	Medication		✓		healthsteward.ca
20	Packaging + printed paper	✓		✓	recyclinginbc.ca

FOR MORE INFORMATION, LOCATIONS AND ACCEPTABLE PRODUCTS, VISIT BCRECYCLES.CA

*RDO = Regional Drop Off
† Deposit forfeited

What is product stewardship?

Product stewardship is an environmental management strategy guided by the principle that whoever designs, produces, sells, or uses a product takes responsibility for minimizing that product's environmental impact.

WHY IS PRODUCT STEWARDSHIP IMPORTANT?

By diverting recyclable materials from the landfill, we can reduce the need to develop new landfill sites. The diverted materials can be reused and we can save the energy needed to produce new products from raw materials.

Many day-to-day products can be harmful when they reach end-of-life; they may be corrosive, toxic, or flammable. BC's product stewards have committed to recycling their products safely and responsibly. By returning your products to the appropriate collection sites, you can guarantee a safe and responsible recycling process.

WHO'S RESPONSIBLE FOR WHAT?

The Product Stewardship model is comprised of several stakeholders working together to ensure that products no longer being used by consumers are managed in an environmentally responsible manner.

Producers Typically, the product's manufacturer, distributor or brand owner takes on the challenge of developing a plan and implementing a program to collect and recycle their products once they reach end-of-life. Producers can also choose to appoint an agency to carry out their duties under the plan. In addition, producers must report on the program's performance and consider the design of their products, making them easier to recycle.

Provincial Government The Ministry of Environment develops the legislation and regulations that the product stewards must follow. More specifically, their role includes approving stewardship plans, monitoring the stewards' performance and enforcing compliance where necessary.

Local Governments The local government may provide facilities or operational services for products to be collected or processed. They inform the public of the stewardship program and cooperate with stewards by imposing bans on the landfilling of relevant products when appropriate.

Retailers Often members of stewardship programs themselves, the retailers may collect recycling fees at the point of purchase on behalf of the producers. They may also provide consumers with information about the existence of the stewardship program, including deposits or recycling fees charged, refunds available and the location of the nearest collection point.

Consumers So what's your role in all of this as a consumer? It's simply to make sure that your products are brought to the designated collection sites once they reach end-of-life.

Principles for product stewardship

PRODUCER-USER RESPONSIBILITY

1 Costs are covered by consumers and producers of products and not downloaded to local governments or taxpayers.

LEVEL PLAYING FIELD

2 All producers are treated equitably with no cross subsidization of container or product types.

RESULTS BASED

3 Producers are required to set and achieve positive environmental results. The goal is continuous improvement.

TRANSPARENCY + ACCOUNTABILITY

4 Financial statements and annual performance reports are audited, verified and publicly available.

EASY ACCESS

5 All consumers have reasonable access to collection sites.

What are products recycled into?

BEVERAGE CONTAINERS

Aluminum cans are recycled into new cans within 6 weeks. Drink boxes and cartons are used in paper products and cardboard boxes. Glass is recycled into new bottles or turned into insulation, and plastic is used for new bottles, jugs, buckets and more.
return-it.ca

BEER CONTAINERS

Glass beer and cider bottles are reused an average of 15 times. They are then recycled into new glass bottles and other glass products. Beer cans are recycled back into aluminum cans and back on shelves within 6 weeks.
envirobeerbc.com

ELECTRONICS

Through a variety of refining and smelting processes, materials reclaimed from unwanted electronics, such as metal, plastic, and glass are used as raw materials in the manufacturing of new products.
return-it.ca/electronics

CELL PHONES

Phones and accessories are sent to certified processing facilities, where they are separated based on whether or not they can be refurbished or reused. Phones that meet specific functionality criteria are refurbished and sold. Whether reused or recycled, your old phone stays out of the landfill.
recyclemycell.ca

SMALL APPLIANCES + POWER TOOLS

Electrical products are taken apart and separated into material types. Some materials such as copper and other metals are sent for smelting to recover the metals. Other materials such as plastics and glass are recycled/processed into commodities or reused.
electrorecycle.ca

OUTDOOR POWER EQUIPMENT

Outdoor power equipment is recycled for its various components, that are segregated, processed, and shipped to a smelter. The smelter produces a metal material that manufacturing companies buy to produce a variety of products that are made of or contain metal.
opeic.ca

LIGHTING PRODUCTS

Metal is recycled through the metal recycling industry. Mercury/phosphor powder is sent for mercury retort to recover the mercury. Glass is recovered and reused. Non-PCB lighting ballasts are recycled through the metal recycling industry.
lightrecycle.ca

BATTERIES

The collected batteries are sent to recycling facilities where they are processed into reusable metals and materials. These are used to produce new batteries, stainless steel products and cement additives. None of the materials make their way into landfills.
call2recycle.ca

LEAD-ACID BATTERIES

All consumer lead-acid batteries can be recycled. They are found in items such as vehicles, trucks, motorcycles, boats, and RVs. All commercial lead-acid battery applications, including fork lifts, golf carts, solar and UPS systems are also collected and recycled.
recyclemybattery.ca

What are products recycled into? (cont'd)

PAINTS, FLAMMABLES + ALARMS

Latex paint is recycled into new paint or used as raw material. Oil-based paints, flammable liquids and gasoline are used as alternative fuels. Plastics and metals from smoke and CO alarms are recovered and radioactive components are disposed of at licensed facilities.
regeneration.ca

USED OIL + ANTIFREEZE

Oil is re-refined into new oil or used as fuel in pulp mills and asphalt plants. Antifreeze is processed into new antifreeze. Filters are crushed and smelted into new steel products while oil and antifreeze containers are processed into new oil containers or other plastic products.
usedoilrecycling.com/bc

TIRES

Products made locally range from rubber playground surfacing and arena flooring tiles, to cow and horse stall mattresses. Products available for purchase by the consumer are coloured landscaping mulch and garden tiles.
tsbc.ca

THERMOSTATS

Thermostats are made up of plastics, metals, electronics, glass and mercury, which are all 100% recyclable. Your used thermostat goes on to become a number of different products, including fibreglass, refined mercury and lower grade plastic and metal devices.
switchthestat.ca

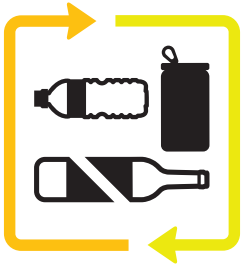
MEDICATION

All expired or unused prescription drugs, over-the counter drugs and natural health products can be returned to participating pharmacies for responsible disposal. Each product collected through this program is destroyed through incineration.
healthsteward.ca

PACKAGING + PRINTED PAPER

Corrugated cardboard is recycled into cardboard, printed paper and paper packaging is recycled into boxes and other packaging; plastic packaging is used in household goods, packaging, and building material; metal packaging becomes construction material; foam is recycled into picture frames.
recyclinginbc.ca

Beverage Containers



Encorp Pacific (Canada)
t. 1.800.330.9767 or 604.473.2400
f. 604.473.2411
e. **returnit@returnit.ca**
w. **return-it.ca**

THE PROGRAM

Encorp Pacific (Canada) manages a consumer friendly and cost effective system to recover end-of-life consumer products and packaging for recycling. The Return-It™ Depot system collects used beverage containers from consumers and returns them for recycling on behalf of more than 1,000 beverage brand owners.

DEPOSITS

Consumers pay a deposit on each beverage container purchased which is refunded when the container is returned for recycling.

- Beverage containers 1 L and smaller $ 0.05
- Alcohol containers 1 L and smaller $ 0.10
- Beverage containers larger than 1 L $ 0.20

80% of the beverage containers sold in the province are recovered and recycled into something new. That's 1 billion containers kept out of our landfills every year.

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

Return-It™ Depots are located across BC. You can find the one nearest you as well as maps, hours and contact information at: **return-it.ca/locations**

Approximately
80%
of the beverage containers sold in the province are recovered and recycled into something new.
That's over
1 Billion
containers kept out of our landfills annually.

WHAT'S INCLUDED

- Aluminum – soft drink and beverage cans
- Plastic – plastic bottles, jugs and cups
- Glass – juice and beverage bottles, including wine and spirits
- Polycoated/Paperboard – aseptic drink boxes and polycoated drink cartons
- Other ready to drink beverage containers – bi-metals, bag in a box and pouches.

Beer Containers

Brewers Distributor Limited
1106 – 750 West Pender Street
Vancouver, BC V6C 2T8
t. 604.659.2739
f. 604.659.2747
e. **info@nationalbrewers.ca**
w. **envirobeerbc.com**

THE PROGRAM

Brewers Distributor Limited (BDL) operates one of BC's highest performing stewardship programs, recovering over 90% of beer containers annually. BC brewers have been reusing and recycling their packaging for over 80 years.

BDL is focused on consumer convenience, offering many convenient return-to-retail options. The deposit on each container also drives high recovery rates.

DEPOSITS

Consumers pay a deposit on each beverage container purchased which is refunded when the container is returned for recycling.

REFILLABLE BOTTLES AND ALUMINUM CANS

- 1 L and smaller $ 0.10
- Larger than 1 L $ 0.20

The deposit return system enables brewers to refill glass containers an average of 15 times, and aluminum cans are recycled back into new aluminum cans.

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

You can return empty beer containers to over 1,100 locations, including private and government liquor stores, rural agency stores and authorized private bottle depots. To find the nearest location, visit: **EnviroBeerBC.com**

Consumers can return both their primary containers (bottles and cans) as well as their related secondary packaging (bottle cases and can cartons) to

over 1,100

locations across BC.

WHAT'S INCLUDED

BDL collects:

- Beverage alcohol sold in aluminum cans (domestic & import)
- Refillable glass beer and cider bottles
- All beer and cider secondary packaging

100% of brewer packaging is either re-usable or recyclable. BDL's stewardship program is a highly efficient, closed loop system where empty beer containers are collected from retail locations at the same time deliveries of full goods are made. This system benefits the environment by reducing the number of trucks on BC roadways.

BDL BREWERS DISTRIBUTOR LTD.

Electronics

Electronic Products Recycling Association BC
206 – 2250 Boundary Road
Burnaby, BC V5M 3Z3
t. 1.800.330.9767
f. 604.473.2411
e. **electronics@returnit.ca**
w. **return-it.ca/electronics**

THE PROGRAM

The Electronic Products Recycling Association (EPRA) is a not-for-profit product stewardship association, set up by major producers and retailers of electronics. The program is designed to ensure that your unwanted electronics are diverted from landfills, processed and recycled in a manner that safeguards the environment, protects worker health and safety, and also prevents electronics from being exported to non-OECD countries. Encorp Pacific (Canada) runs the Return-It Electronics™ program, and has been contracted by EPRA to manage the electronics stewardship program in the province.

RECYCLE YOUR ELECTRONICS

You can drop off your electronic products at designated Collection Sites throughout the province free of charge. EPRA is funded by Environmental Handling Fees (EHFs), charged on the sale of new electronic products, which cover the costs of recycling all regulated products.

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

Collection sites are located across BC. You can find the one nearest you as well as maps, hours and contact information at:
return-it.ca/electronics or **recyclemyelectronics.ca/bc**

WHAT'S INCLUDED

More than 260 different types of electronics are now accepted. The following items can be recycled free of charge at any Return-It Electronics™ Collection Site:

- Desktop Computers + Accessories
- Audio Products + Accessories
- E-Toys
- Portable Computers + Accessories
- Video Products + Accessories
- Electronic Musical Instruments
- Display Products + Accessories
- Video Gaming Systems + Accessories
- IT + Telecom Devices
- Printing, Scanning + Multifunction Devices
- Non-Cellular Telephones + Answering Machines
- Medical Monitoring + Control Devices

Return-It Electronics

POWERED by British Columbia epra Electronic Products Recycling Association

Cell Phones

Recycle My Cell
t. 1.888.797.1740
f. 613.233.2032
e. **info@recyclemycell.ca**
w. **recyclemycell.ca**

THE PROGRAM

Recycle My Cell is a free national industry-led recycling program for mobile devices and accessories. The program is run by the Canadian Wireless Telecommunications Association (CWTA) in conjunction with cell phone carriers, handset manufacturers and certified processors. The goal of this program is to minimize the number of devices entering landfills.

WHAT CAN YOU DO?

Recycle your phone. Enter your postal code at RecycleMyCell.ca to find the 10 nearest drop-off locations where you can drop off your device. Can't come to us? Print off a pre-paid mailing label and mail your device to us, free of charge. Be sure that all personal information is erased from your device before you recycle it. Check out the instructions specific to your device on our website.

Host a Recycle My Cell drop-off location. Registration is quick and easy, plus we'll provide you with all the materials you'll need, free of charge.

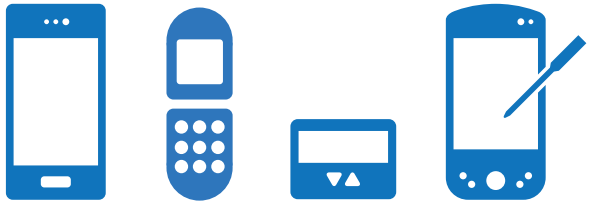
WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

There are over 530 participating drop-off locations in BC where you can return your old or unwanted devices. To find the one closest to you, call 1.888.797.1740 or visit: **RecycleMyCell.ca**

WHAT'S INCLUDED

- Mobile/wireless devices that connect to a cellular or paging network, including all cell phones, smartphones, superphones, phablets, wireless personal digital assistants (PDAs), external aircards and pagers – regardless of make, model or condition.
- Rechargeable cell phone batteries and accessories, including headsets and chargers.

All phones are sent to certified processors where they are dealt with responsibly. Whether reused or recycled, your old phone stays out of the landfill.



Mobile/Wireless devices

Accessories (chargers, headsets, rechargeable cell phone batteries)

Small Appliances + Power Tools

ElectroRecycle
105 West 3rd Avenue
Vancouver, BC
t. 1.800.667.4321 or 604.732.9253
f. 604.592.2982
e. **info@electrorecycle.ca**
w. **electrorecycle.ca**

THE PROGRAM

ElectroRecycle gives British Columbians an environmentally friendly recycling alternative for a wide variety of household electrical products including small appliances, power tools, electric exercise equipment and sewing machines.

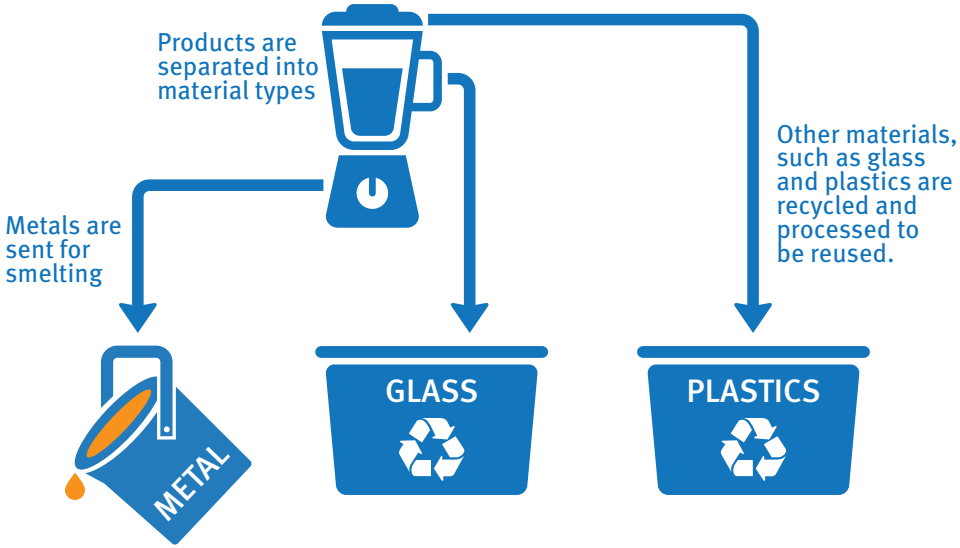
WHAT CAN BE RECYCLED?

ElectroRecycle accepts more than 300 different types of small electrical products ranging in size from electric toothbrushes to countertop microwaves, hand drills and treadmills.

With over 170 ElectroRecycle drop-off locations across BC, this province-wide network ensures residents can recycle their electrical products as part of their regular routine. As not all drop-off locations are able to accept very large products like treadmills, visit electrorecycle.ca for more information on what each drop-off location can accept.

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

To find drop-off locations near you visit: **electrorecycle.ca**



WHAT'S INCLUDED

- Kitchen appliances: toasters, coffee makers, microwaves, kettles, food scales, and hand mixers
- Household appliances: irons, vacuums, portable heaters, fans, stick vacuums, clocks, and carpet cleaners
- Personal Care appliances: blow dryers, curling irons, electric razors, beard trimmers, and electric toothbrushes
- Power Tools: portable and bench top
- Sewing Machines
- Exercise Machines
- Sports, Leisure, Arts & Crafts Devices

Over 300 products accepted, visit **electrorecycle.ca** for a complete list.

ElectroRecycle
SMALL APPLIANCE & POWER TOOL RECYCLING PROGRAM

Outdoor Power Equipment

Outdoor Power Equipment Institute of Canada
105 West 3rd Avenue
Vancouver, BC
t. 1.800.667.4321 or 604.732.9253
f. 604.592.2982
e. **info@opeic.ca**
w. **opeic.ca**

THE PROGRAM

The Outdoor Power Equipment Institute of Canada (OPEIC) is a non-profit recycling program for electric outdoor power equipment such as pressure washers, lawn mowers, and grass trimmers. The program accepts over 20 outdoor power equipment products under categories such as hand-held, walk-behind, free-standing and lawn tractor. This industry-managed recycling program helps British Columbians responsibly recycle their outdoor power equipment.

OPEIC has a wide network of recycling drop-off locations across BC where you can recycle your outdoor power equipment. The OPEIC program helps recover valuable resources and the resulting materials will go back into the manufacturing of new products, with less reliance on extracting virgin materials.

Like other non-profit recycling programs, the OPEIC program is funded by a recycling fee charged on the sale of new electrical outdoor power equipment products throughout BC.

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

For a complete list of accepted products, or to find a drop-off location near you, visit: **opeic.ca**

WHAT'S INCLUDED

Hand-Held
- Brush Cutters/Loppers
- Chain Saws
- Garden Shears
- Garden Sprayer/Insect Fogger
- Ice Drills
- Lawn Blowers/Vacuums
- Lawn Scarifiers/Dethatchers
- Pole Chainsaws
- Pole Saws/Pole Pruning Saws
- Post Hole Diggers
- Stick Edgers
- Tillers
- Trimmers (grass, hedge etc.)

Walk-Behind
- Lawn Mowers
- Snowthrowers/Snowblowers
- Tillers/Cultivators
- Dethatchers
- Edgers/Trimmers
- Lawn Aerators

Free-Standing
- Mulchers
- Pressure Washers
- Wood Chippers/Shredders
- Wood Splitters

Lawn Tractors

OPEIC
OUTDOOR POWER EQUIPMENT
INSTITUTE OF CANADA

Lighting Products

LightRecycle
105 West 3rd Avenue
Vancouver, BC
t. 1.800.667.4321 or 604.732.9253
f. 604.592.2982
e. **info@lightrecycle.ca**
w. **lightrecycle.ca**

THE PROGRAM

LightRecycle is an industry led stewardship program established by ReGeneration to recycle lighting products in British Columbia.

WHAT CAN BE RECYCLED?

The program accepts all lighting products for recycling without charge, including all types of lights (bulbs and tubes), lighting fixtures and ballasts used in residential, institutional, commercial and industrial applications.

The LightRecycle program operates an extensive network of collection sites where household quantities of lighting products are accepted for recycling. Businesses and institutions with larger volumes such as contractors, relampers, schools, hospitals and building managers have access to special collection sites or direct pick-up services.

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

For a complete list of accepted products, how to recycle them and where, visit: **lightrecycle.ca**

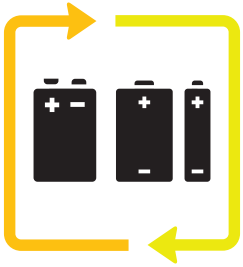
98%
of the materials used in mercury-containing lights are recyclable through the LightRecycle program.

WHAT'S INCLUDED

- All types of lights (bulbs and tubes) are accepted, including fluorescent tubes, compact fluorescent lights (CFLs), halogen and incandescent bulbs, and light emitting diodes (LEDs).
- Lighting fixtures, including floor lamps, chandeliers, table lamps, wall fixtures, and other products like flashlights and holiday lights. Businesses and institutions can also recycle products like street lights and large outdoor flood lights.
- Ballasts, which are a component of some lighting fixtures.

LightRecycle

Batteries



Call2Recycle®
Suite 614 - 938 Howe Street
Vancouver, BC V6Z 1N9
t. 1.888.224.9764
e. **info@call2recycle.ca**
w. **call2recycle.ca**

THE PROGRAM

Call2Recycle Canada, Inc. is a non-profit stewardship organization that collects and recycles batteries at no cost for consumers, municipalities and businesses. The organization has collected and diverted more than 2 million kilograms of batteries from over 1,600 Call2Recycle collection locations in BC. A leader in its field, Call2Recycle was built upon a commitment to environmental sustainability and meets or exceeds the most rigorous recycling standards for the safe recycling and management of batteries.

HOW IT'S RECYCLED

Call2Recycle boxes are filled with used batteries and are shipped to a consolidation facility where the batteries are separated by type and then forwarded for recycling. The recycling facility processes the reusable metals from the batteries and prepares them for use in new products such as batteries, stainless steel and related products. 100% of the batteries collected are diverted from landfills.

PROGRAM FUNDING

Call2Recycle is funded by battery and battery-powered product manufacturers to manage the safe collection and recycling of batteries.

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

To find a nearby battery drop-off location, please call 1.888.224.9764 or enter your postal code at: **call2recycle.ca**

Since 1996, more than

35 million kg

of batteries have been diverted from local landfills and a network of

30,000

recycling collections have been established.

WHAT'S INCLUDED

All consumer batteries weighing less than 5 kg can be recycled through the Call2Recycle® program. The most commonly recycled batteries are those used to power cordless tools, mobile and cordless phones, laptop computers, digital cameras, two-way radios, camcorders, gaming devices, toys, smoke detectors, flashlights and other portable electronics.

Simply bring your used batteries to a drop-off location and place them in the recycling boxes.

Lead-acid batteries are recycled through car battery manufacturers, battery retailers or automotive service centers (see the Canadian Battery Association section of this handbook).

Lead-Acid Batteries

Canadian Battery Association
1415 Broad Street
Victoria, BC V8W 2B2
t. 250.216.3664
e. **info@canadianbatteryassociation.ca**
w. **canadianbatteryassociation.ca**

THE PROGRAM

The Canadian Battery Association (CBA) stewardship program collects and recycles consumer and industrial lead-acid batteries in BC. In 2013, CBA Members recycled over 11.8 million kg of lead acid batteries in BC, and over 169 Return Collection Facilities in BC have been established for the public.

Lead-acid batteries are shipped in bulk to a smelter in Canada or the USA where they are broken and separated into three components: lead, plastic and acid. Smelters re-process the lead, and the plastic and acid are recycled. None of the recycled materials from the lead-acid battery recycling process are sent to municipal landfills.

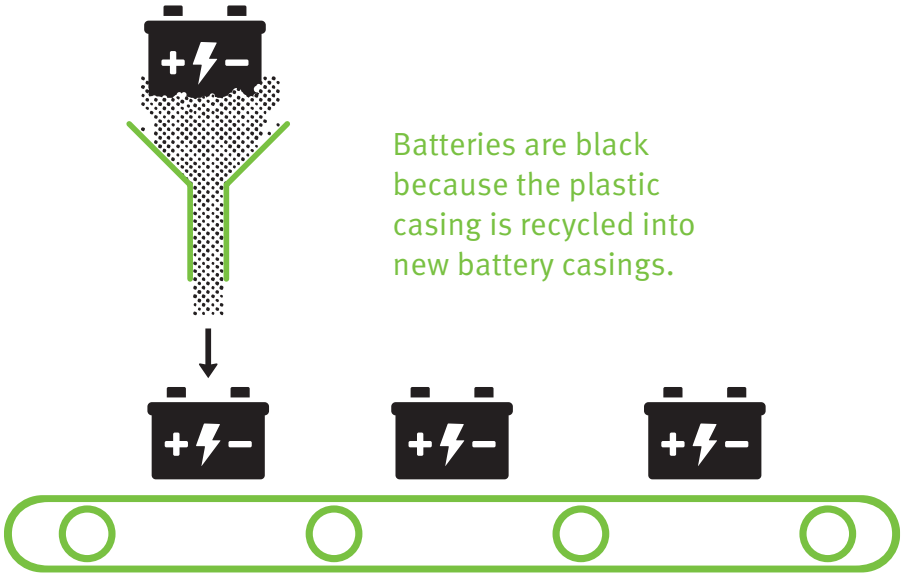
Lead-acid batteries are the most recycled product in BC with a virtual 100% recovery rate because the batteries at the end-of-life stage have a value due to the commodity value of the lead.

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

For consumer batteries, enter your postal code or city at: **recyclemybattery.ca**

For industrial batteries, go to: **recyclemybattery.ca/industrial-batteries**

*Note: Heavy Industrial batteries cannot be dropped off at consumer locations.



WHAT'S INCLUDED?

- All Consumer and Industrial Lead-Acid Batteries.
- Consumer lead-acid batteries are typically found in vehicles, boats and products that have electric or "starter" motors. Industrial lead-acid batteries are used for Motive power (e.g. fork lift batteries) or Stationary applications (e.g., solar, computer UPS and telecommunication systems).

Lead-acid batteries come in all shapes and sizes and can be differentiated easily from other types of batteries because of the density (weight) of the battery. Other types of consumer batteries weighing less than 5 kg are accepted in the Call2Recycle® program (see Call2Recycle section of this handbook).

FEES

There are no eco-fees charged at the point of sale and there is no cost to recycle lead-acid batteries. The entire cost of the Stewardship Program is borne by the members of the CBA.

Paints, Flammables + Alarms

ReGeneration
105 West 3rd Avenue
Vancouver, BC
t. 1.800.667.4321 or 604.732.9253
f. 604.592.2982
e. **info@productcare.org**
w. **regeneration.ca**

THE PROGRAM

Officially, ReGeneration is a federally incorporated, not-for-profit, product stewardship company. That's a complex description for what is actually a fairly simple idea: at our core, we are a group of people committed to making the recycling of special waste materials easy for everyone. ReGeneration manages the BC Paint stewardship program, the program for Pesticides, Flammable Liquids and Waste Gasoline, and the AlarmRecycle program for used or expired smoke and carbon monoxide (CO) alarms.

CONVENIENT LOCATIONS FOR EASY RECYCLING

Product Care makes recycling easier for British Columbians with:

- 160 paint collection sites
- 130 AlarmRecycle collection sites
- 80 sites offer free paint at the "Paint Exchange"
- 50 sites also accept pesticides, flammable liquids and waste gasoline

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

Leftover paint (including aerosols) is accepted at all Product Care depots. Other program products are accepted at "Paint Plus" depots only. To find a collection site near you, visit: **regeneration.ca**

WHAT'S INCLUDED?

Household paint

Paint aerosols

Domestic pesticides

Flammable liquids & waste gasoline

Smoke, carbon monoxide (CO) alarms and combination alarms

For a complete list of accepted products, visit **regeneration.ca**

ReGeneration
Special waste recycling by Product Care

Used Oil + Antifreeze

BC Used Oil Management Association
Suite 400, 108 – 800 Kelly Road
Victoria, BC V9B 6J9
t. 1.800.667.4321
e. **reception@usedoilrecycling.ca**
w. **usedoilrecycling.com/bc**

THE PROGRAM

The BC Used Oil Management Association (BCUOMA) is a not-for-profit organization facilitating the collection, management and recycling of used oil, filters, antifreeze, and oil & antifreeze containers. The program strives to ensure every drop of used oil and antifreeze, every filter and container, is brought to a collection facility to be properly recycled.

FEES

At the point of sale or distribution, an Environmental Handling Charge is assessed on new oil, antifreeze, containers and filters to fund collection and recycling.

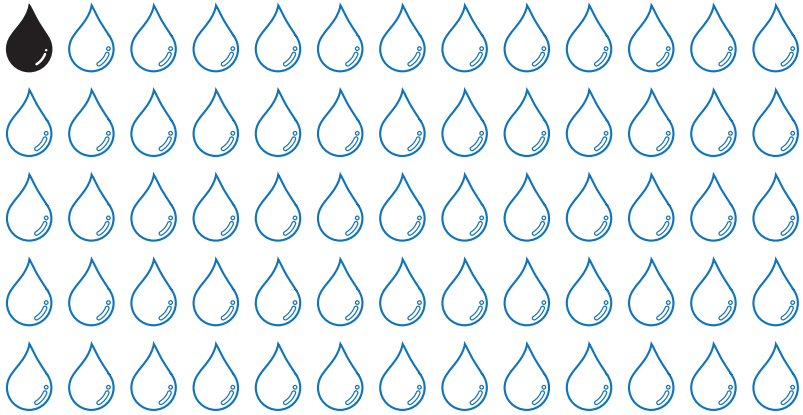
- Lubricating oil $ 0.05 /litre
- Antifreeze $ 0.20 /litre
- Containers HDPE or Metal 50L and smaller $0.10/litre
- Containers non-HDPE 50L and smaller $0.17/litre
- All sump type transmission filters $ 0.55
- Filters smaller than 8” $ 0.55
- Filters 8” and larger $ 1.25

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

To find the collection facility nearest you, call 1.604.RECYCLE (732.9253) in Metro Vancouver, 1.800.667.4321 across BC, or visit:**usedoilrecycling.com/bc**

For large quantities, please call 1.866.254.0555 to arrange for a bulk pick-up.

1 drop of oil can contaminate a million drops of water.



WHAT’S INCLUDED?

- Any automotive antifreeze, petroleum or synthetic crankcase oil, engine oil, hydraulic fluid, transmission fluid, gear oil, heat transfer fluid or other fluid used for lubricating purposes in machinery or equipment.
- Any spin-on or element oil filter for hydraulic, transmission or internal combustion engine applications, including diesel fuel filters; with the exception of gasoline fuel filters.
- Any plastic container with a capacity of less than 30 litres manufactured to hold oil or antifreeze.

BCUOMA
British Columbia Used Oil Management Association

Tires

Tire Stewardship BC
PO Box 5366
Victoria, BC V8R 6S4
t. 1.866.759.0488
f. 1.877.598.9119
w. **tsbc.ca**

THE PROGRAM

Tire Stewardship BC (TSBC) operates one of the most successful programs in North America creating new value from old tires. Almost 100% of the scrap tires generated are collected and processed in Delta, BC. Most of the tires are recycled into crumb rubber or coloured landscaping mulch. Crumb is used to create a variety of products, including playground safety surfacing, athletic tracks, synthetic turf fields, and mats for agricultural and industrial use. The remaining tires are used as a fuel supplement in the cement and pulp and paper industries.

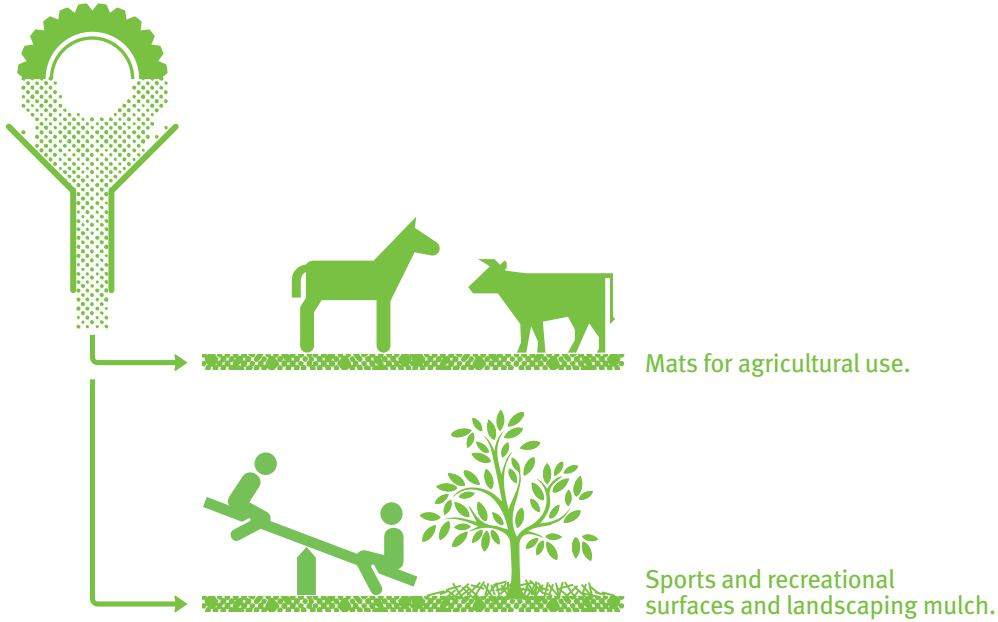
GIVING BACK

TSBC provides grants to communities that use BC recycled rubber in their projects. Since 2008 TSBC has supported over 190 projects in 77 communities building new or renovating recreation facilities, such as playgrounds and sports fields with grants totaling over $3 million. These projects are an excellent way of bringing recycled scrap tire products full circle back to the community.

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

Most motorists exchange their old tires for new ones at the time of purchase. For return to retailers locations visit bcrecycles.ca. For scheduled collection events visit: **tsbc.ca/pickupdropoff**

WHERE DO THE TIRES GO?



WHAT'S INCLUDED?

For every new tire sold, the retailer remits an eco-fee to TSBC. 100% of the fees collected go towards the operation of the program, which includes the transportation and processing of the scrap tires.

The four fee rates are as follows:

- Passenger and light truck tire $5
- Medium truck tire $9
- Agricultural drive tire $15
- Logger/skidder tire $35

TIRE Stewardship BC
New value from old tires

Thermostats

Switch the ’Stat
30 Commercial Road
Toronto, ON M4G 1Z4
t. 416.922.2448
f. 416.922.1028
e. **switchthestat@summerhill.com**
w. **switchthestat.ca**

THE PROGRAM

Switch the ’Stat is a thermostat recycling program administered by the Heating, Refrigeration and Air Conditioning Institute of Canada (HRAI) in partnership with the Canadian Institute of Plumbing and Heating (CIPH), and delivered by Summerhill Impact.

The program provides safe and responsible recycling for all types of thermostats. Everyone is encouraged to participate in the program, including heating and ventilation contractors and wholesalers, members of the public, municipalities and regional districts.

FEES

Switch the ’Stat is 100% funded by thermostat manufacturers. The program is free for participants and there are no eco fees charged on the purchase of new electronic thermostats.

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

There are 172 public drop-off locations across BC. Free shipping is also available for rural and remote locations. To register, find a location or ship a thermostat for recycling, visit: **switchthestat.ca**

Switch the ’Stat has recycled over 420 kg of mercury; that could fill

× 62

500ml water bottles. (But each bottle would weigh 30 lbs)

WHAT’S INCLUDED?

- Mercury-containing thermostats
- Electronic thermostats

Note: Please return the whole thermostat intact, including the faceplate if possible. Thermostat manufacturers who fund the program are billed based on the brands collected.

HOW IT’S RECYCLED

In BC, all thermostats are shipped to Tri-Arrow Industrial Recovery Inc. where they are counted, documented and dismantled. The glass, plastic and metal components are separated and sent for recycling. The program recycles 100% of the material recovered.

Medication

Health Products Stewardship Association
330 – 2255 St. Laurent Blvd.
Ottawa, ON K1G 4K3
t. 613-723-7282
f. 613-722-1626
e. **info@healthsteward.ca**
w. **healthsteward.ca**

THE PROGRAM

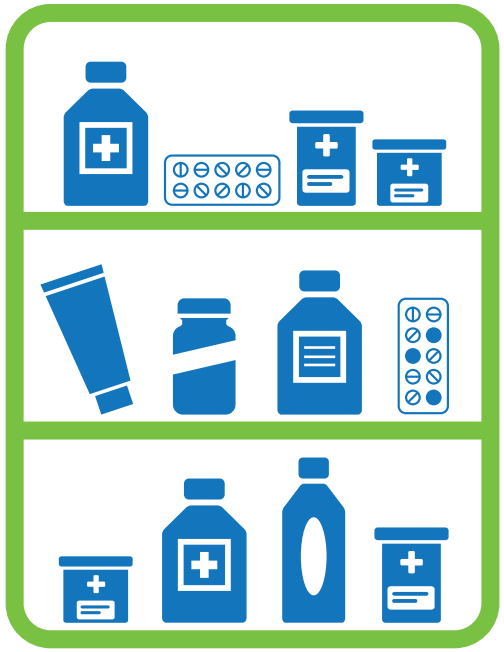
The BC Medications Return Program is a product stewardship initiative funded by the health products industries. You can return all expired or unused prescription drugs, over-the-counter drugs, and natural health products to participating pharmacies for responsible disposal. All products collected through this program are destroyed through incineration.

SAFE DISPOSAL IS IMPORTANT

Be sure to secure all medications in your home. Sometimes, a bottle of pills may look like candy to a child, or your teenager might be tempted to experiment with medication in your home. Not only is this dangerous but it could lead to tragic results. Keep your loved ones and the environment safe by disposing of unused and expired medications promptly at participating pharmacies.

WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

You may return your unused medication (loose pills, liquids in bottles, etc.) to any participating pharmacy. For a list of locations in your area, visit: **healthsteward.ca**



WHAT'S INCLUDED?

Check your health products for unused medications and bring them in to your pharmacist for responsible disposal. The following products are accepted:

- All prescription drugs
- Non-prescription medications (oral dosage)
- Natural health products (oral dosage)
- Anti-fungal and anti-bacterial creams

For more information, visit: **healthsteward.ca**

TIPS

- MONITOR prescription drugs in your home.
- DON'T throw it out. Take it to your local pharmacy for responsible disposal.
- SECURE all prescription drugs in a locked storage space.
- DISPOSE of unused or expired health products by returning them to your nearest pharmacy.

Packaging + Printed Paper

Multi-Material BC
230 – 171 Esplanade West
North Vancouver, BC V7M 3J9
t. 778-588-9504
e. **info@multimaterialbc.ca**
w. **recyclinginbc.ca**

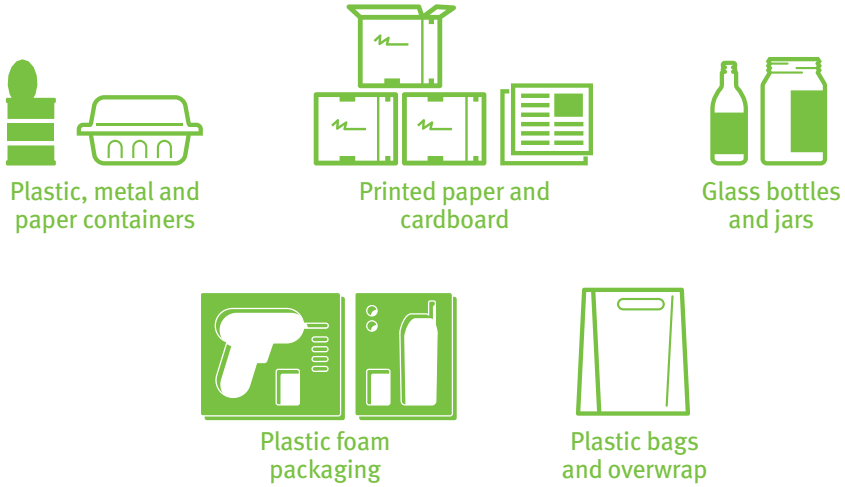
WHERE CAN I BRING MY ACCEPTABLE PRODUCTS?

Depots throughout BC accept materials in the MMBC household packaging and printed paper recycling program. Many curbside and multi-family collection programs in the province accept MMBC materials, but residents should check with their collector whether non-deposit glass containers are collected. Foam packaging and plastic bags and overwrap are accepted only at depots.

WHAT'S INCLUDED?

- Plastic, Metal, and Paper Containers: Plastic bottles, jugs, and jars with caps and lids; plastic clamshells, trays, tops, and tubs and lids; plastic cold drink cups and lids; plastic garden plant pots and seedling trays; plastic pails less than 25L; metal cans and lids; aerosol cans and caps; aluminum take-out containers and foil wrap; spiral wound paper cans and lids; paper hot and cold beverage cups; milk cartons; aseptic boxes and cartons; frozen dessert boxes; microwavable bowls and cups
- Printed Paper and Cardboard: Newsprint, catalogues, magazines, telephone books, household paper, paper gift wrap, greeting cards, corrugated cardboard, boxboard boxes, moulded boxboard, paper bags
- Glass Bottles and Jars (Check with collector about whether collected curbside): Clear and coloured non-deposit glass bottles and jars

WHAT'S INCLUDED?



- Foam Packaging (Depot only): Foam containers and trays for food, foam cushion packaging
- Plastic Bags and Overwrap (Depot only): Plastic shopping bags; clear bags for produce and dry bulk foods; outer bags for diaper and feminine hygiene products; outer wrap for soft drink can flats; bags for water softener salt, wood pellets and garden products; overwrap on mattresses, furniture, and electronic equipment

MULTI MATERIAL BC

Resources

RECYCLING COUNCIL OF BRITISH COLUMBIA

DOWNLOAD THE MOBILE APP AT
rcbc.ca/recyclepedia

The **Recycling Council of British Columbia (RCBC)** facilitates the exchange of ideas and knowledge that enable efficient solutions to eliminate waste. RCBC operates a province-wide Recycling Hotline answering more than 120,000 questions each year. You can also access recycling information any time and on-the-go with their online web-based Recyclepedia, or download the smartphone version from the app store for free. Both resources allow you to easily find locations where you can recycle a variety of materials (rcbc.ca/recyclepedia). The RCBC Materials Exchange Program (MEX) is a free province-wide service facilitating the reuse and recycling of waste products and materials. Find more information about MEX at bc.reuses.com.

MINISTRY OF ENVIRONMENT

http://www.gov.bc.ca/env/

Extended Producer Responsibility (EPR) is an environmental policy approach that shifts the onus of responsibility for managing products at their end of life from local governments and the general taxpayer to the producers and consumers of those products. In B.C., the Recycling Regulation, under the authority of the Environmental Management Act, sets out product extended producer responsibility requirements for industry. The Waste Prevention Branch of the Ministry of Environment is responsible for administration of the results-based Recycling Regulation, which includes review and approval of industry product stewardship plans, policy development, stakeholder engagement, performance management, continuous improvement and participation in compliance and enforcement efforts.

Contacts

Encorp Pacific (Canada)
206 – 2250 Boundary Road
Burnaby, BC V5M 3Z3
t. 1.800.330.9767 or 604.473.2400
f. 604.473.2411
e. **returnit@returnit.ca**
w. **return-it.ca**

Outdoor Power Equipment Institute of Canada
105 West 3rd Avenue
Vancouver, BC
t. 1.800.667.4321 or 604.732.9253
f. 604.592.2982
e. **info@opeic.ca**
w. **opeic.ca**

BC Used Oil Management Association
Suite 400, 108 – 800 Kelly Road
Victoria, BC V9B 6J9
t. 1.800.667.4321
e. **reception@usedoilrecycling.ca**
w. **usedoilrecycling.com/bc**

Multi-Material BC
230 – 171 Esplanade West
North Vancouver, BC V7M 3J9
t. 778.588.9504
e. **info@multimaterialbc.ca**
w. **recyclinginbc.ca**

Brewers Distributor Limited
1106 – 750 West Pender Street
Vancouver, BC V6C 2T8
t. 604.659.2739
f. 604.659.2747
e. **info@nationalbrewers.ca**
w. **envirobeerbc.com**

ElectroRecycle
105 West 3rd Avenue
Vancouver, BC
t. 1.800.667.4321 or 604.732.9253
f. 604.592.2982
e. **info@electrorecycle.ca**
w. **electrorecycle.ca**

ReGeneration
105 West 3rd Avenue
Vancouver, BC
t. 1.800.667.4321 or 604.732.9253
f. 604.592.2982
e. **info@productcare.org**
w. **regeneration.ca**

Call2Recycle®
Suite 614 - 938 Howe Street
Vancouver, BC V6Z 1N9
t. 1.888.224.9764
e. **info@call2recycle.ca**
w. **call2recycle.ca**

Recycle My Cell
t. 1.888.797.1740
f. 613.233.2032
e. **info@recyclemycell.ca**
w. **recyclemycell.ca**

LightRecycle
105 West 3rd Avenue
Vancouver, BC
t. 1.800.667.4321 or 604.732.9253
f. 604.592.2982
e. **info@lightrecycle.ca**
w. **lightrecycle.ca**

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f. 613.722.1626
e. **info@healthsteward.ca**
w. **healthsteward.ca**

Electronic Products Recycling Association BC
206 – 2250 Boundary Road
Burnaby, BC V5M 3Z3
t. 1.800.330.9767
f. 604.473.2411
w. **return-it.ca/electronics**

Canadian Battery Association
1415 Broad Street
Victoria, BC V8W 2B2
t. 250.216.3664
e. **info@canadianbatteryassociation.ca**
w. **canadianbatteryassociation.ca**

Switch the 'Stat
30 Commercial Road
Toronto, ON M4G 1Z4
t. 416.922.2448
f. 416.922.1028
e. **switchthestat@summerhill.com**
w. **switchthestat.ca**

Eco Audit

The BC Recycling Handbook is printed with vegetable inks on 100% post-consumer recycled paper. By choosing post-consumer and recycled fibres instead of virgin paper, the following savings to our natural resources have been realized:

125	Trees preserved for the future
176 kg	Waterborne waste not created
217,092 L	Wastewater flow saved
2,878 kg	Solid waste not generated
5,667 kg	Net greenhouse gasses prevented
95,628,505 BTUs	Energy not consumed