

WELCOME

IZWTAG Conference April 26th, 2023



SPECIAL PROJECTS

First Nations Recycling Initiative



April 26th
Presented by
Brendan McShane
Director , Collection

FIRST NATIONS RECYCLING INITIATIVE

IZWTAG DAYS

APRIL 26TH 2023







Health Products Stewardship Association

















Land Acknowledgement

• I am a grateful guest living, visiting, working and moving freely on the *unceded, ancestral, and traditional territories of the Coast Salish (Musqueam, Squamish, Tsleil-Waututh, Tsawwassen) peoples whose historical relationships with the land continue to this day.

We express our sincere gratitude to be welcomed on these lands.

*Unceded means this land was never surrendered, relinquished, or handed over in any way.



Logo Created by Sinàmkin - Jodi Broomfield,
Coast Salish Artist from Squamish Nation
The design relates to our connection to the land.
The 3 spirit Animals: Eagle of the air, Bear from the land and the Whale of the water and streams. This design reminds us of our connection to the traditional territories and we need to do our part

for Mother Earth and recycle what we use ~
Sinàmkin

AGENDA

- Who We Are
- Our Goals & Objectives
- Our Work So Far
- Resources
- Questions & Discussion



WHO WE ARE

- Founded in 2017
- Partnership between nine extended producer responsibility (EPR) programs to support recycling in First Nation communities to enhance access to EPR programs in BC
- Intended to support First Nations and collaborate on the end of life of these materials:
 - Recycling of tires, small and large appliances, paper and packaging, electronics, beverage containers, small batteries, electric outdoor power equipment, and encourage the proper disposal of health products
- Available to assist with education, resources, as well as cover the costs associated with transporting material for recycling as part of organized First Nations community collection events



WHO WE ARE

- Logo Created by Sinàmkin Jodi Broomfield, Coast Salish Artist from Squamish Nation
- The design relates to our connection to the land. The 3 spirit Animals: Eagle of the air, Bear from the land and the Whale of the water and streams. This design reminds us of our connection to the traditional territories and we need to do our part for Mother Earth and recycle what we use ~ Sinàmkin







ACCEPTED MATERIALS FOR RECYCLING



Rechargeable, singleuse batteries



Small appliances, power tools, exercise equipment





Computers and electronics



Prescription drugs; Nonprescription drugs; Natural health products



Large appliances: fridges, stoves, washers, dryers and more

Outdoor Power Equipment Institute Canada

Corded or batterypowered outdoor equipment (<u>fuel-powered</u> not included)



Residential packaging and paper



Ready-to-drink beverage containers



Tires from cars, trucks, bicycles, etc.



STRATEGIC OBJECTIVES

- Support the collection and recycling of a wide variety of materials across First Nations communities within BC
- Promote the FNRI across BC, both at events and through direct visits to First Nations communities upon invitation
- Partner with First Nation communities to collect stewardship materials through a collection event
- Encourage other stewardship programs to participate in the FNRI to enable diversion of recyclable materials for First Nation communities through one point of contact



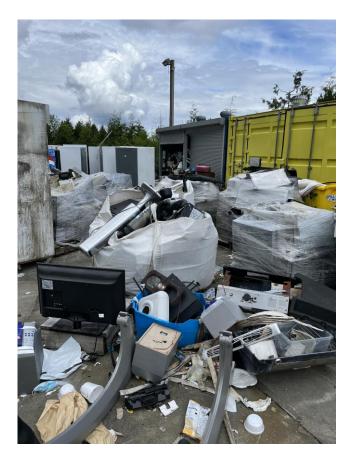
OUR WORK SO FAR

- Collaborations
 - Regional Districts
 - Other organizations with shared goals:
 - Indigenous Zero Waste Technical Advisory Group (IZWTAG)
 - Indigenous Services Canada (ISC)
 - First Nation Health Authority (FNHA)
- Collection Events
- Community Outreach
 - In-person visits, community engagement, online survey
- Event Outreach (impacted by COVID-19)
 - E.g. Housing conferences, regional events



What We Are Trying To Avoid









COLLECTION EVENTS - 2022

Communities we have partnered with:

- Nak'azdli Whu'ten
- Penticton Indian Band
- Soowahlie First Nation
- Okanagan Indian Band
- Lake Babine Nation
- Westbank First Nation
- Leq'a:mel First Nation
- Takla Nation
- Heiltsuk First Nation
- Kitasoo First Nation



COLLECTION EVENTS – Small Batteries – Call2Recycle

- Most small batteries are accepted for Recycling these include –
 AAA AA C D Most power tool batteries and batteries under 5 kg
- For a full list of accepted materials see the Call2Recycle web site

https://www.call2recycle.ca/what-can-i-recycle/

- To 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.
- Keep your batteries in a cool, dry location, away from the sun.
- These materials are collected in supplied boxes (see right) and can be left in your community till full, then couriered in.











COLLECTION EVENTS – Small Appliances – CESA

- Most small appliances are accepted for Recycling these include –
 blenders toasters coffee makers treadmills vacuum cleaners –
 microwave ovens irons –
- For a full list of accepted materials see the CESA Web site

https://www.electrorecycle.ca/accepted-products/

 These materials are collected in super sacks please only fill to the ¾ full level so they can be stacked











COLLECTION EVENTS – Electronics – EPRA

- Most electronics items are accepted for Recycling these include display devices – non cellular phones – home audio systems – computers – musical instruments – All TV's – small and large battery powered toys –
- For a full list of accepted materials see the EPRA Web site https://recyclemyelectronics.ca/bc/what-can-i-recycle/
- These materials are collected in super sacks (see right) please only fill to the ¾ full level so they can be stacked
- Large TV's may be put on a pallet on their own





COLLECTION EVENTS – Outdoor Items – OPEIC

- Most outdoor corded and cordless power tools are accepted for Recycling these include – Blowers/Vacuums – Chain Saws – Edgers and Trimmers – snowblowers and lawnmowers

- For a full list of accepted materials see the OPEIC Web site
- https://www.opeic.ca/recycle-outdoor-power-equipment/
- These materials are collected in super sacks (see right) please only fill to the ¾ full level so they can be stacked
- For Items with batteries please either leave the battery in the device or tape up the contact points of the batteries.





COLLECTION EVENTS – Tires - TSBC

- Tires that are accepted are from automobiles, light trucks, atv's and motorcycles.
- All tires must be off the rim or a fee will be assessed by the tire stewardship.
- Tires can be cut or sawed off the rim.
- Tire are usually collected in large roll on roll off bins.
- FACT 95% of all tires sold are recovered by recycling and less than 1% end up in the land fill... So what happens to the tires collected?





COLLECTION EVENTS – Tires – TSBC – Con't

The examples below demonstrate just how versatile recycled rubber can be:

- •Playground safety surfacing many communities are moving from the traditional pea gravel and wood chips to recycled rubber surfaces, choosing either pour-in-place or tile applications.
- •Recreational flooring examples of this type of flooring can be found in ice skating arenas, fitness rooms and high traffic areas. Home gym mats have also become a popular choice and you can buy them direct from the manufacturer, North West Rubber based in Abbotsford.
- •Truck bed liners another product made by North West Rubber is truck bed liners. Their "Black Armour" line of products can also be bought direct.
- •Animal mats for comfort from the ground up, these mats are used in cow and horse barns and trailers.
- •Coloured landscaping mulch this is a new product being made in BC that is becoming popular across North America as a replacement for wood mulch and chips.







COLLECTION EVENTS – Large Appliances - MARR

- All types of large appliances can be Recycled stoves, dishwashers, washing machines, dryers, refrigerators, deep freezers, air conditioners.
- For a full list of accepted materials see MARR's Website

https://www.largeappliancerecycling.ca/products

- All cooling appliances contain refrigerating gasses. Don't try to drain them yourself, our certified technicians will drain them, and we make sure that the gasses are processed safely. Remember there is no cost for drop off and that includes proper disposal of your fridge.
- Please clean out all food from your fridge. Once it's empty it's ready for recycling.







COLLECTION EVENTS – Health Products

- HPSA is a bridge between health care and the environment by offering programs for the safe disposal and return of medications and sharps used in Canadian homes.
- We gather information on the process that a community has in place for the collection and return of the above
- We advise on the closest places to return medications if a community does not have a health center
- We gather key contact information to pass along to the Health Stewardship for further engagement

Our Impact

- Since its inception, HPSA's initiatives have reduced the negative impact of unwanted medications and used medical sharps on the environment and the communities.
- 4,221,608
 kgs of medications collected since the inception
- 2,671,177
 kgs of medical sharps collected since the inception



COLLECTION EVENTS – Recycle BC

- Recycle BC is the lead organization for the FNRI partnership
- We do not collect PPP products normally at First Nations community clean ups.
- We gather information on First Nations communites that are interested in either starting a PPP Recycling initative or are interested in joining Recycle BC under our programs.
- For more information see the Recycle BC Session after this session at IZWTAG









COLLECTION EVENTS – Return-It

- We do not collect refundable products normally at First Nations community clean ups.
- We gather information on First Nations communites that are interested in either starting a refundable recycling initiative or are interested in more information on the Return-It programs.
- For more information see the list of items that are eligible for returnable refunds
- https://www.return-it.ca/beverage/products/





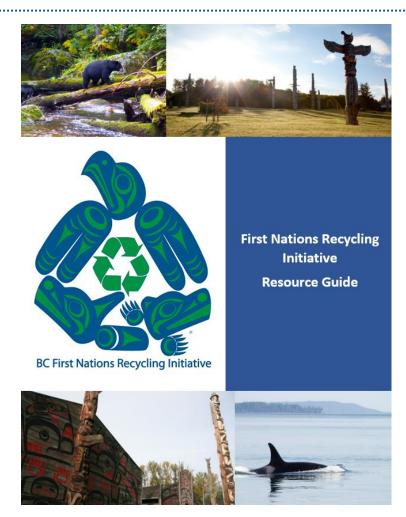




FIRST NATIONS RECYCLING RESOURCE GUIDE

The resource guide includes:

- Who to contact for more resources and information
- What materials to consider including in your recycling program
- What is involved with collecting, storing and transporting each type of recyclable material
- The stewardship organizations that deal with each type of material and how they can support community collection and recycling
- Information on how your community may wish to register with a particular EPR program as a collector





PROGRAM OVERVIEW BROCHURE



Visit our website to find out more information on each of our partners, read our annual reports, and access our other resources:

RecycleBC.ca/First-Nations-Recycling-Initiative.

About the Initiative

The First Nations Recycling Initiative supports recycling in First Nations communities throughout British Columbia. We collaborate directly with First Nations communities across BC to provide information about BC's existing stewardship programs and local collection events in support of community recycling programs.

We work together on projects to recycle these materials: tires, appliances, paper and packaging, electronics, beverage containers, batteries, power equipment, and health products.

Contact Us

Feel free to contact us by email at info@fnri.ca.



BC First Nations
Recycling
Initiative



Benefits of Recycling

In addition to being an important environmental protection mechanism, recycling programs may be beneficial for your community for the following reasons:

- Employment and training opportunities
- · Protecting your drinking water
- Protecting your community's children from toxic and hazardous materials
- · Youth and community engagement
- Economic development opportunities
- Conserving energy and landfill capacity for materials that cannot be recycled, and conserving resources



Programs Overview

	Program	Materials
call 2 recycle	Call2Recycle	Rechargeable, non-rechargeable batteries
⊕ ElectroRecycle	ElectroRecycle	Small appliances, power tools, exercise equipment
EPRA 🌺	Electronic Products Recycling Association	Electronics and computers
Return-It	Return-It	Ready-to- drink beverage containers
HEALTH PRODUCTS	Health Products Stewardship Association	Prescription drugs; Non-prescription drugs; Natural Health products
MARR	Major Appliances Recycling Roundtable	Large appliances: fridges, stoves, washers, dryers and more
OPET Canada	Outdoor Power Equipment Institute of Canada	Corded or battery powered outdoor equipment
RECYCLEBC	Recycle BC	Packaging and paper
TIRE Stewardship	Tire Stewardship BC	Car tires, medium truck tires, agricultural tires, logger skidder tires, bicycle tires and tubes

Recycling in BC

The Government of British Columbia developed an extended producer responsibility (EPR) approach to recycling management that requires those who supply designated materials to BC consumers properly manage and recycle these designated products and their packaging at the end of their useful life.

Information on all stewardship organizations operating in British Columbia can be found by visiting the Stewardship Agencies of BC (SABC) website at **BCRecycles.ca**.

Ways to Participate

If you would like the First Nations Recycling Initiative (FNRI) to:

- support an upcoming community clean-up initiative with resources and transportation of collected items for recycling;
- engage with your community and present information on recycling programs in BC;
- support your community's strategy for joining an FNRI program as a collector,

please contact us at **info@fnri.ca**. We would love to support your recycling efforts any way we can!



ANNUAL SUMMARY REPORT





BC FIRST NATIONS RECYCLING INITIATIVE **2018 IN REVIEW**











WEBSITE – More Information

FIRST NATIONS RECYCLING INITIATIVE

HOME > FIRST NATIONS RECYCLING INITIATIVE

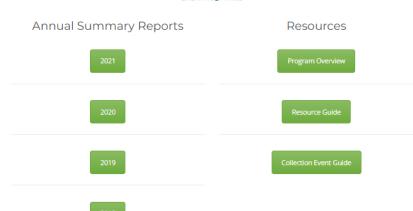
The First Nations Recycling Initiative supports recycling in First Nations communities throughout British Columbia. We collaborate directly with First Nations communities across BC to provide information about BC's existing stewardship programs and local collection events in support of community recycling programs. We work together on projects to recycle these materials: tires, appliances, paper and packaging, electronics, beverage containers, batteries, power equipment, and health products.



About Us

In British Columbia, recycling programs are managed by a number of stewardship agencies who offer cost-neutral solutions for recycling. Nine of these agencies have come together to create a project specifically relevant to Indigenous communities who are interested in starting recycling programs.





Partners





















INDIVIDUAL PROGRAM REGISTRATION

Call2Recycle: If your Nation is interested in becoming a member of the Call2Recycle collection program, the first step is to complete the on-line registration. Visit the website to submit your application: https://www.call2recycle.ca/become-a-collection-partner/

ElectroRecycle: Contact info@cesarecycling.ca or 1-877-670-CESA (2372); www.electrorecycle.ca

EPRA: Contact <u>craig.Wisehart@epra.ca</u> or 1-604-291-1002; <u>www.recyclemyelectronics.ca/bc</u>

HPSA: Contact info@healthsteward.ca; www.healthsteward.ca

MARR: Contact info@marrbc.ca to discuss how to recycle major appliances in your community

OPEIC: Contact <u>info@opeic.ca</u> for more information about the program and to explore solutions for unwanted electric outdoor power equipment in your community



INDIVIDUAL PROGRAM REGISTRATION

Recycle BC: Contact info@recyclebc.ca or 1-855-875-3596; www.recyclebc.ca

Return-It: Contact Steve Rutherford srutherford@returnit.ca or 604-473-2405; www.returnit.ca

TSBC: For sites that generate scrap tires and wish to work with TSBC on scrap tire pick up, please visit our website for <u>pick up information</u>. Or if you need to register, please <u>download</u> a registration form



.....

.....

Q&A



THANK YOU

Please feel free to contact us anytime:

info@fnri.ca

604-230-7655 – Tim Ames Special Project Manager

See us at our exhibitors table during the conference