



Public Consultation Meetings – Oct. 4, 2023

# Mandatory Recyclable Material Bylaw Amendment



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# Background

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# Background

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- Mandatory Recyclable Materials Bylaw No. 2743 is a ban on certain materials from being landfilled
- A key waste reduction strategy identified in the TNRD's 2018 Regional Solid Waste Management Plan, section 3.1, sub. 2.
- Authorized through BC's Environmental Management Act



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# Background

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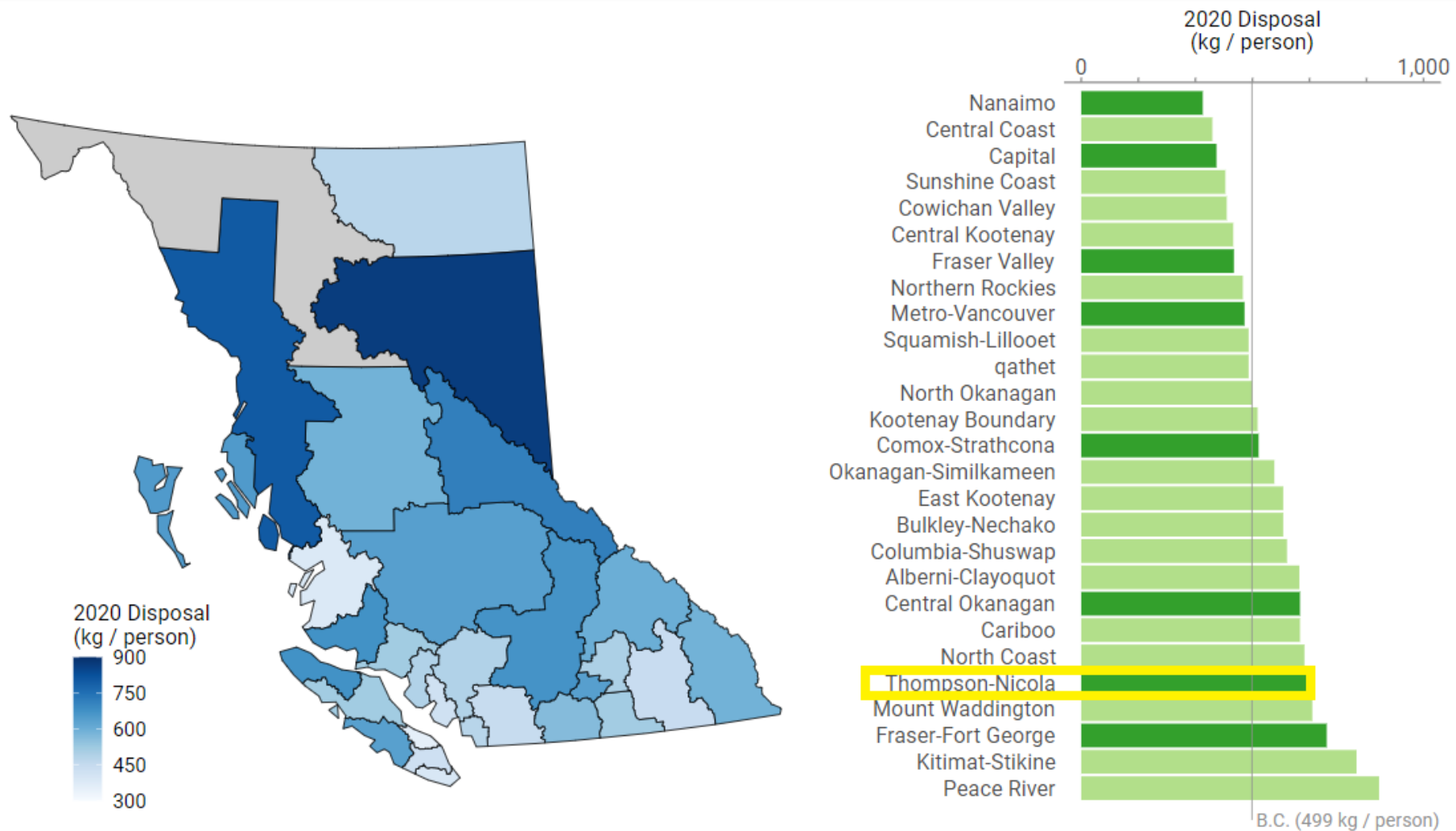
- Disposal Bans are an effective waste reduction tools used in many BC regional districts: Central Okanagan, Metro Vancouver, Fraser-Fort George et al.
- Will assist in bringing the TNRD per capita waste generation rate closer to BC's average
  - TNRD 671kg/person/year
  - BC Average 499kg/person/year
  - BC Target 350kg/person/year

Environmental Reporting BC. 2022. Municipal Solid Waste Disposal in B.C. (1990-2020). State of Environment Reporting, Ministry of Environment and Climate Change Strategy, British Columbia, Canada.



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- The TNRD Board of Directors approved this bylaw in 2021 and staff implemented it over three phases in 2022
- The first recyclable material featured in this bylaw was Old Corrugated Cardboard (OCC) as it is easily recyclable and is commonly found in loads of refuse
- Industrial, Commercial and Institutional (IC&I) sources were the focus of the bylaw as those sources produce ~40% of the waste stream and their loads of refuse are known to contain significant amounts of OCC



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# Background

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- This bylaw applies at all disposal facilities in the TNRD, including City of Kamloops disposal facilities and private landfills
- Enforced by a TNRD bylaw officer assigned specifically to this initiative
- To date 1,101 inspections have occurred, 59 warnings have been issued and 9 tickets have been issued. Compliance rate of 94%
- The proposed amendment bans the disposal of Residential Packaging & Printed Paper as well as BC's Product Stewardship materials, both defined as regulated packaging and products in BC's Recycling Regulation.
- These materials are easily recyclable, take back programs exist throughout the region and residents are paying advanced handling fees for these programs



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# Product Stewardship and Products in BC's Recycling Regulation



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# Regulated Packaging and Products in BC's Recycling Regulation

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- In British Columbia, Product Stewardship is an environmental policy approach where the producer's are responsible for the lifecycle of the product
- To meet the requirements of Product Stewardship, producers form non-profit organizations called stewardship agencies or producer responsibility organizations.
- These organizations take responsibility for the end-of-life management of certain materials as well as the reporting and consultation aspects of Product Stewardship.
- These organizations also work with local government and business to provide take back programs for their products



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# Regulated Packaging and Products in BC's Recycling Regulation

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- antifreeze and antifreeze containers
- batteries, including lead-acid batteries
- flammable liquids and solvents
- fluorescent lights
- gasoline and diesel
- pharmaceutical products and medications
- refundable beverage containers
- residential packaging and printed paper
- residential pesticide products
- oil, oil filters and oil containers
- paint and paint containers
- electronics and electrical products including metal household or commercial appliances
- thermostats
- tires
- \*propane tanks
- \*mattresses/box springs

\*To be added to the Recycling Reg in 2024



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# Proposed Bylaw 2743 Amendment

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# Proposed Bylaw 2743 Amendment

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- Enforceable within all regional solid waste management facilities including City of Kamloops and private landfills
- Will not be enforced by the TNRD at the curbside or alleyway
- Applies to all loads of refuse that contain Product Stewardship materials
- Collector/hauler responsible for the contents of loads that are brought to facilities for disposal



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# Proposed Bylaw 2743 Amendment

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- OCC – recyclable paper-based packaging that consists of an inner fluting with a wave-length shape and one or two outer liners
- Residential Packaging and Printed Paper – packaging such as co-comingled metal and plastic containers, recyclable OCC, mixed waste paper and other materials approved for regional recyclables collection systems
- Product Stewardship materials – recyclables defined as regulated packaging and products in BC’s Recycling Regulation.



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# Proposed Bylaw 2743 Amendment

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- Bylaw enforcement officers will continue to conduct visual assessments of loads of refuse
  - Assessment of Residential Packaging and Printed Paper as well as Refundable Beverage Containers will be volume based – not to exceed 10% in a load of refuse
- Assessment of Product Stewardship materials will be per unit based



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# Implementation Plan

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# Implementation Plan – Residential Packaging & Printed Paper and Refundable Beverage Containers

	Phase 1 Nov –Dec 2023	Phase 2 Jan – Feb 2024	Phase 3 March 2024 Onward
Threshold	Communication & Education	Communication & Education	10% of Load
Penalty	Communication & Education	Mock Ticketing & Inspections	50% Applicable Tipping Fee
Mandatory Recyclable	Residential Packaging & Printed Paper and Refundable Beverage Containers	Residential Packaging & Printed Paper and Refundable Beverage Containers	Residential Packaging & Printed Paper and Refundable Beverage Containers



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# Implementation Plan – Product Stewardship Materials

	Phase 1 Nov –Dec 2023	Phase 2 Jan – Feb 2024	Phase 3 March 2024 Onward
Threshold	Communication & Education	Communication & Education	Any Amount
Penalty	Communication & Education	Mock Ticketing & Inspections	\$50.00/Unit
Mandatory Recyclable	Product Stewardship Materials	Product Stewardship Materials	Product Stewardship Materials



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# Implementation Plan

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## Phase 1 (Nov – Dec 2023)

- Outreach Efforts Commence
- Educational Resources Distributed
- No Enforcement and No Fines



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# Implementation Plan

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## Phase 2 (Jan - Feb 2024)

- Ongoing Communication & Education
- Mock Ticketing & Inspections Commence. No Fines
- Administration of Warnings



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# Implementation Plan

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March 2024 Onward

- Ongoing Communication & Education
- Transition to Full Bylaw Implementation
- **Administration of Violations**
  - Violation entered into TNRD records
  - Violation package assembled and mailed to offender (Ticket, Scale Ticket, Photos, Letter)
  - 30 Days to pay or file a dispute
  - 60 Days and no payment or file to dispute then referred to Collections Agency
- Enforcement will be Determined by Compliance Rates on a Site-by-Site Basis



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# Next Steps

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# Next Steps

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- Regional Solid Waste Management Committee – October 2023
- TNRD Board of Directors – November 2023
- Development of New Hauler Resources
- **Begin implementation plan**
  - Phase 1
  - Phase 2
  - Phase 3



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# Questions

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# Extended Producer Responsibility Five-Year Action Plan 2021-2026

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B.C. is now expanding the categories of products in the EPR initiative to include:

- Hybrid and electric vehicle batteries and other battery types.
- Mattresses and foundations.
- Compressed canisters, such as single-use camping fuel and fire extinguishers.
- Medical sharps used by people at home.
- Emerging electronics and more moderately hazardous products by clarifying product categories



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