

**Extended Producer Responsibility (EPR) Plan
Consultations - September/October 2022**

Plan Highlights & 2023-2027 Targets



BC Used Oil
Management Association

Presentation Overview

1. About the BC Used Oil Management Program
2. Status of EPR Plan
3. Program Overview
4. Notable Changes from Previous Plan
5. Accessibility Targets
6. Collection Targets
7. End Fate Results
8. Awareness Targets
9. Paying the Cost
10. Next Steps



1. About Us

- Not-for-profit formed to comply with Recycling Regulation (July 2003)
- 11-person Board (9 industry, 1 local government, 1 public at large)
- 252 Members (as of August 2022)
- Mandate: *Ensure the responsible collection and management of used oil, antifreeze, filters and containers*

2. Status of EPR Plan

Previous Plan 2018-2022

- Revised Plan submitted to / approved by Ministry Feb 2021

New Evergreen Plan with targets for 2023-2027 term

- Open webinars
- Open meetings, Interior and Island
- Online message board, online survey
- Written submissions
- Submit Plan / current term targets Dec 2022

3. Program Overview

- Has operated for 19 years
- Incentives facilitate collection and management of used oil, oil filters, antifreeze and oil/antifreeze containers from 9 collection zones
- Model allows processors to recover value through sale of new products
- Responds to changes in markets, product use, materials

4. Notable Changes from Previous Plan

- Evergreen format – variable content in Supplementary Documents
- Awareness targets for Return Collection Facility (RCF) users
- Accessibility standard changed to BCUOMA model
- Enhanced Pollution Prevention Hierarchy definitions
- Separate reporting on commercial vs consumer stream collection

4. Notable Changes from Previous Plan *(cont'd)*

- Enhanced RCF reporting – products accepted, minimum business hours
- Reporting on use of alternative collection methods (vs physical locations)
- Addition of BCUOMA Financial Framework

5. Accessibility Targets

Used product sources

- Commercial collection (~95%)
 - 47 M Litres oil per year and 2.6 M Litres antifreeze
 - Roughly 4,000 generators
- Consumer collection (~5%)
 - 2.5 M Litres oil per year and 0.1 M Litres antifreeze
 - BCUOMA accessibility standard

5. Accessibility Targets *(cont'd)*

Consumer accessibility (~5%)

- RCF program objective: *Ensure there are sufficient return options province-wide for consumers (e.g., DIYers) at no charge*
- Evolution of consumer collection under EPR
 - 2011 RCF program started
 - 2016 MNP review of RCF program
 - 2017 revised RCF program implemented / consultation on accessibility standard
 - 2018 new MNP study and accessibility standard

5. Accessibility Targets *(cont'd)*

BCUOMA accessibility standard

- Customized to meet oil and antifreeze generation and user needs
- Has resulted in more rural facilities, improved infrastructure

BCUOMA support of community collection events

- Multi-material events operated by third parties

5. Accessibility Targets (cont'd)

Targets are based on community types

Type of Community	Population Characteristics	Business Establishment Characteristics	Number of Communities	Population (2016)
City, High Industrial	More than 5,000	More than 20 per 10,000 people	44	1,449,800
City, Low Industrial	More than 5,000	20 or less per 10,000 people	53	2,690,333
Town, High Industrial	2,501 to 5,000	More than 50 in total	3	14,196
Town, Low Industrial	2,501 to 5,000	50 in total or less	63	228,627
Village, High Industrial	1,000 to 2,500	More than 50 in total	1	1,047
Village, Low Industrial	1,000 to 2,500	50 in total or less	89	149,683
Other (<1000)	n/a	n/a	66	31,454
Total			319	4,565,142

5. Accessibility Targets (cont'd)

Service levels by community type

Community Type	Enhanced Service Level (target)	Community Type	Enhanced Service Level (target)
a) City, High Industrial	One facility per 100,000 people	c) Town, High Industrial	One facility
b) City, Low Industrial	One facility per 200,000 people or one facility within a 15-minute drive if the population is less than 200,000	d) Town, Low Industrial	One facility within a 30-minute drive, otherwise its own facility
		e) Village	One facility within a 30-minute drive, otherwise its own facility

6. Collection Targets

BCUOMA product recovery

Product Sold - Consumed in Use - Re-purposed = Available for Collection

Collected / Available for Collection = **CAPTURE RATE**

Continuous improvement

- Methodology to determine unavailable products
- Investigation of where uncollected material may be re-purposed / disposed

6. Collection Targets *(cont'd)*

BCUOMA 2017 to 2021 average results are baseline for minimum targets

Product	Capture Rate
a) Used Oil (Millions of Litres)	98.9%
b) Filters (Units)	92.9%
c) Containers (Million Kgs)	86.7%
d) Used Antifreeze (Millions of Litres)	52.9%

7. End Fate Results

The BCUOMA End Fate for each product for the 2021 year were as follows:

- **Used Oil:** 68% reused; 32% recycled
- **Antifreeze:** 100% recycled
- **Oil Filters:** 98% recycled; 2% waste to energy
- **Oil and Antifreeze Containers:** 100% recycled

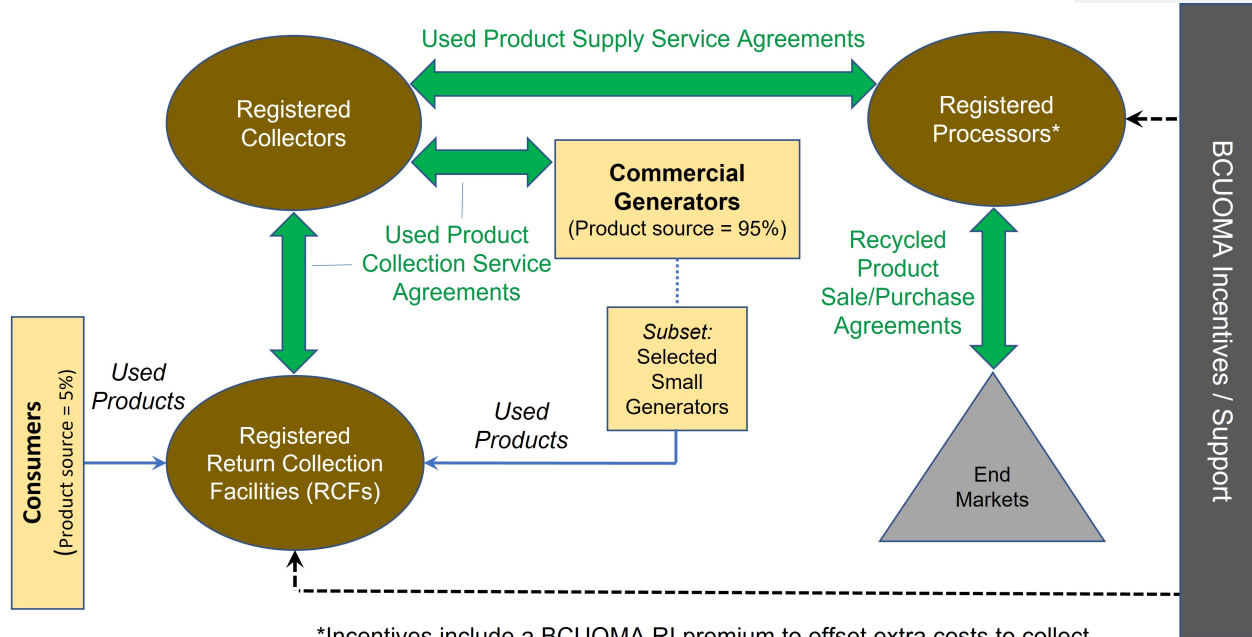
8. Awareness Targets

- “General” awareness is less significant than for other consumer-oriented products/programs (electronics, packaging) as fewer households purchase BCUOMA materials
- Commitment to improve awareness among the target audience of consumers who change their own oil/antifreeze and require drop off at RCFs

Awareness Areas	General Public	Consumers Using RCFs
Program: Do you know about the BCUOMA program?	65%	75%
Location: Do you know where your closest RCF is?	50%	65%
Info Source: Do you know where to search for RCF locations?	60%	75%

9. Paying The Cost

- Incentives to drive desired outcomes
- Registrants own/have ability to market material and control their financial outcomes



*Incentives include a BCUOMA RI premium to offset extra costs to collect from RCFs, helping to ensure cost-free access to recycling for consumers.

10. Next Steps

- Consultation open to November 1, 2022
- Multiple ways to provide feedback:
 - Attend Virtual Sessions (Sept 28 & Oct 4)
 - Attend In-Person Sessions
 - Email written submissions to dlawes@bcusedoil.com
 - Written submissions will receive a response
 - Online Survey or Forum
- All submissions recognized in consultation summary
- Visit **bcusedoil.com/2022-epr-plan-consultation** for more details

Thank you – Questions?



BC Used Oil
Management Association