



Stewardship Plan Consultation: 2018-2022 Target Updating



BC Used Oil
Management Association



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Presentation Overview

1. About the BC Used Oil Management Program
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 3. Awareness Target
 4. Accessibility Target
 - Minimum Service Levels for Consumer Recycling (DIY'ers)
 5. Collection Targets
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About Us

- Non-for-profit Industry Association formed to comply with the *Recycling Regulation (July 2003)*
- 9 person Board of Directors composed of :
 - 7 industry representatives;
 - 1 from local government; and
 - 1 from the public at large
- 243 Members (as of Aug 2017)
- Mandate: Ensure the responsible collection and management of used oil, antifreeze, filters and containers

Status of Stewardship Plan

- Previous Plan 2009-2014
- Updated Plan was submitted November 2014
 - Consultation August /September 2014
 - Operating / Reporting off targets in draft plan
- Consultation on new 2018-2022 targets
 - BCPSC consultation on accessibility Spring 2017
 - CWMA Consultation Oct 2017
 - Public Consultation to follow
- Submit Revised Plan to Ministry early 2018

Macro Outlook

- BCUOMAs program = 13 years operating
- Pay the cost for collection and management of used oil, oil filters, antifreeze and oil/antifreeze containers from across the province by providing incentives to supplement the market value of used material in each zone of the province (11 zones).
- Consistently responding to market changes, use changes and material changes.

Accessibility

- Commercial Collection – 97%
 - 46M Liters /yr. oil and 2.3M Liters AF
 - Service at 4000 generators (Lube shops, car dealers, mechanics, large operations e.g. mining, forestry, municipal gov.
- Consumer Collection – 3%
 - 1.5 M liters oil per year 0.2M Liters AF
 - Minimum Service Levels

Accessibility - Consumer 3%

- Return Collection Facility Program Objective: ensure that there are sufficient return options province-wide for consumers (e.g. DIY'ers) at no charge
- Consumer Collection History
 - 1992 Return of Used Lubricating Oil Regulation
 - Mandatory return to retail for consumer oil
 - 2003 Oil added to Recycling Regulation
 - Mandatory RTR rescinded and replaced with EPR
 - 2011 RCF Program Started
 - 2016 MNP Review of RCF Program
- Revised program starting January 1st, 2017
- Implementation through 2017

Minimum Service Levels

Community Type	Population	Number of Communities	Minimum Service Level
City High Industrial	> 5000	26	One facility per 100,000 people
City Low Industrial	>5000	48	One facility within 30 min drive
Town High Industrial	2500-5000	4	One facility
Town Low Industrial	2500-5000	23	One facility within 30 min drive
Village	< 2500	60	One facility within 45 min drive or Community Collection Event

Accessibility – Consumers

- MNP study estimates that 99.0 percent of the total population in BC living in a municipality would be within driving distance to a facility
- The by municipality, by RD, list can be found in the MNP study – (<http://bcusedoil.com/wp-content/uploads/2016/11/BCUOMA-User-Intensity-Report-November-2016.pdf>)
- The exceptions are:
 - The 41,072 people within 41 communities eligible with a population of 2,500 or less which would receive community collection events.
 - The population living in Electoral Areas that do not have a facility or are not within the driving distance criteria to a facility.

Collection Targets

	2014	2015	2016	Target (3 yr rolling)
Oil	73.89	69.25	71.72	75.0
Antifreeze	40.10	45.32	48.02	60.0
Filters	82.83	86.84	85.1	85.0
Containers	70.14	82.04	76.67	80.0

1. Waste Composition Studies (Annually with SABC)
2. Filter Light-weighting Study – 2018
3. Antifreeze Available for Collection Study - 2018
4. Oil Consumed in Use Study and Unaccounted Study- 2019
5. Container Contamination Study - 2019

End Fate (PPH) Targets

	2016	Target
Oil	69% Reuse 31% Recycling	50% Reuse 50% Recycling
Antifreeze	100% Reuse	100% Reuse
Filters	99% Recycling 1% Energy Rec.	80% Recycling 20% Energy Rec.
Containers	100% Recycling	100% Recycling

1. Oil GHG Savings / LCA Study 2017/18

End Fate (PPH) Definitions

Oil: Oil is re-refined into new lubricating oil or recycled as a product, material or substance (liquid, gas, solid) to replace virgin equivalents.

Oil Filters: all collected metal filters are recycled; all non-metal filters (e.g. paper) are managed through energy recovery.

Containers: all collected containers are recycled into new plastic or metal products

Antifreeze: all collected antifreeze is refined for reuse

Thank you - Questions

- Consultation period is October 18th – December 22, 2017.
- Written submissions can be emailed to dlawes@usedoilrecycling.ca
- Written submissions will receive a response
- All submissions will be included in Consultation summary in the Plan.
- Consultation summary, all comments and Plan will be released for final comment in January.