



Atlantic Used Oil Management Association

New Brunswick Oil and Glycol Stewardship Plan 2023-2027

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1. Introduction

The 2023-2027 New Brunswick Oil and Glycol Stewardship Plan is submitted by Société de gestion des huiles usagées de l'Atlantique - Atlantic Used Oil Management Association (UOMA Atlantic) to Recycle New Brunswick (RNB), pursuant to the requirements of the New Brunswick *Designated Materials Regulation - Clean Environment Act* ("the Regulation").

This oil and glycol Stewardship Plan applies to the manufacture, storage, collection, transportation, recycling, disposal or other handling of oil, oil filters, oil containers, glycol and glycol containers (the "designated materials"; see Section 4) that are sold, offered for sale, or distributed within the Province of New Brunswick (as per Article 50.13(2) of the Regulation).

This Stewardship Plan covers the term from 2023-2027, or such other period as specified by RNB.

2. UOMA Atlantic

The plan is submitted by UOMA Atlantic on behalf of the oil and glycol brand owners (see Section 3). UOMA Atlantic is a private non-profit organization. It is the designated agent to act on behalf of the brand owners with respect to the brand owners' obligations under the Regulation (Article 50.14).

UOMA Atlantic is empowered to manage an integrated recovery and reclamation program for the designated materials and to provide user and public awareness across New Brunswick. Consistent with the values of a circular economy, designated materials are diverted from landfills and reused and recycled.

3. Program Membership and Program Funding

3.1 Brand Owners

The Regulation defines who constitutes a brand owner:

"brand owner" means:

- (b) in Part 5.1, a person who
 - (i) manufactures oil, oil filters or glycol in the Province and sells, offers for sale or distributes the oil, oil filters or glycol in the Province,
 - (ii) is the owner or licensee in the Province of a registered or unregistered trademark under which oil, oil filters or glycol is sold, offered for sale or distributed in the Province,
 - (iii) brings oil, oil filters or glycol into the Province for sale or distribution, or
 - (iv) brings oil, oil filters or glycol into the Province for use in a commercial enterprise

The program is open to any brand owner to join and become a registered member of UOMA Atlantic. Brand owners must also register with RNB for authorization to perform business in the province. The current list of UOMA Atlantic registered members is presented in Appendix A.

3.2 Environmental Handling Charge

Funding for the program comes from an Environmental Handling Charge (EHC) imposed on the designated materials of brand owners operating in New Brunswick, and is based on the sale, distribution, or use of designated materials in the province. The payment of EHCs for all materials purchased outside of and imported into New Brunswick becomes the responsibility of the first importer. The EHCs are harmonized as much as possible with those charged in the other Atlantic provinces, and elsewhere in Canada. They are adjusted as needed with the sole purpose of maintaining the viability of the program.

Revenues from EHCs are applied to the operation of the program, including education and awareness campaigns, collection, transportation, and processing of designated materials, as well as the administration of the program and the establishment of a reserve fund. The reserve fund is used to stabilize program funding in the case of unexpected collection volume increases, fluctuations in operating costs or reduced revenue due to economic or other factors. The reserve fund is also intended to cover the cost of winding up the program in the event of regulatory changes.

As per the UOMA Atlantic 2021 Annual Report, UOMA Atlantic recognizes that it currently has excess net assets in its NB reserve fund over the one-year average operating expenses and recognizes that there are excess net assets in the unrestricted fund. UOMA Atlantic will continue to work with RNB to document and implement a detailed action plan to ensure that net assets under both the Reserve Fund and the Unrestricted Fund combined, as presented in the annual report, are brought to or under the average of one-year operating expense.

4. Program Materials

4.1 Definitions

The UOMA Atlantic program manages post-consumer designated materials as defined in the Regulation:

“oil” means

- (a) petroleum or synthetic derived crankcase oil, engine oil and gear oil, and hydraulic fluid, transmission fluid and heat transfer fluid, and
- (b) fluid used for lubricating purposes in machinery or equipment.

“oil filter” means

- (a) a spin-on style or element style fluid filter that is used in hydraulic, transmission or internal combustion engine applications, and
- (b) an oil filter, a diesel fuel filter, a storage tank fuel filter and a household furnace oil filter other than a gasoline filter.

“glycol” means ethylene or propylene glycol used or intended for use as a vehicle or commercial engine coolant, but does not include the following:

- (a) plumbing antifreeze;
- (b) windshield washer antifreeze;
- (c) lock de-icer and antifreeze; and
- (d) gasoline and diesel fuel antifreeze.

4.2 Materials Accepted

For further clarity, the following tables list the oil and glycol materials accepted as designated materials subject to EHC payments. These lists are subject to change.

EHC are applicable on the following oil fluids and their containers (50 liters or less of capacity):

Description
circulating oil or turbine oil
compressor oil
electrical insulating oil
gear oil
hydraulic fluid
marine engine oil for vessels operating domestically
mineral heat transfer fluid
paper machine oil
petroleum crankcase or engine oil
polyol ester fluids
power steering fluid
refrigeration system oil
re-refined oil
synthetic crankcase or engine oil
transmission fluid
vegetable oil for lubrication

EHC are applicable only on the containers (50 liters or less); not the fluid:

Description
2-cycle engine oil
agricultural spray oil
anti-seize lubricant

chain oil
conveyor lube
dedusting oil
drawing, stamping and shaping oil
dripless lube
food grade white mineral oil
form release oil
gasoline/2-cycle engine oil mixes
machine tool and slideway lubricant
marine cylinder oil
metal working oil
natural gas compressor oil
pneumatic system oil
process oil
guenching oil
rock drill oil
rustproof oil
saw guide oil
silicone lubricant
textile oil
wiring pulling lubricant (petroleum or vegetable based)

EHC are applicable on the following automotive antifreeze fluid and containers (50 liters or less):

Description
ethylene glycol vehicle engine coolant
propylene glycol vehicle engine coolant

EHC are applicable on the following aerosol containers (50 liters or less):

Description
aerosol propelled lubricant
aerosol brake cleaner

EHC are applicable on the following filters:

Description
spin-on or element style filter that is used in hydraulic, transmission or internal combustion engine applications including diesel fuel filter
coolant filter (also known as water filter)
diesel fuel filter used at retail & commercial pump islands
household furnace fuel filter
oil / air separator filter
plastic / paper element style filter
storage tank diesel fuel filter
sump type automatic transmission filter

4.3 Non-Program Material

Non-program materials introduce unfunded costs and safety hazards into the system and are not accepted for collection.

EHC are not applicable on the following non-program materials and/or their containers:

Description	
3-in-1 household oil	penetrating oil
base oil, including re-refined base oil	phosphate ester hydraulic fluid
brake fluid	polyglycol synthetic compressor oil
cleaning/flushing fluids for motors/equipment	propylene glycol heat transfer fluid
cooking oil	sewing machine oil
diesel fuel treatment	silicone heat transfer fluid
emulsified oil	synthetic aromatic hydrocarbon heat transfer fluid
ethylene glycol heat transfer fluid	undercoating
export oil sales	urethane coating
glycol-based heat transfer fluid	wax
grease	windshield washer fluid
gun oil	aerosol grease
heating furnace oil	aerosol paint
hydraulic jack oil	aerosol solvent/cleaner
hydraulic oil dye	
kerosene	
marine engine oil for vessels operating internationally	
oil additive	
oil treatment	

EHC are not applicable on the following non-program types of filters:

Description
air filter
gasoline fuel filter
household furnace air filter
sock-type filter

4.4 Brand Ownership of Materials

The UOMA Atlantic program accepts, for collection and processing, designated materials which are sold, distributed, and used in New Brunswick regardless of brand ownership.

5. Management of Designated Materials

50.16 (a) a plan for the collection, storage and transportation of used oil, used oil filters, oil containers, used glycol and glycol containers in the Province, including the materials of other brand owners;

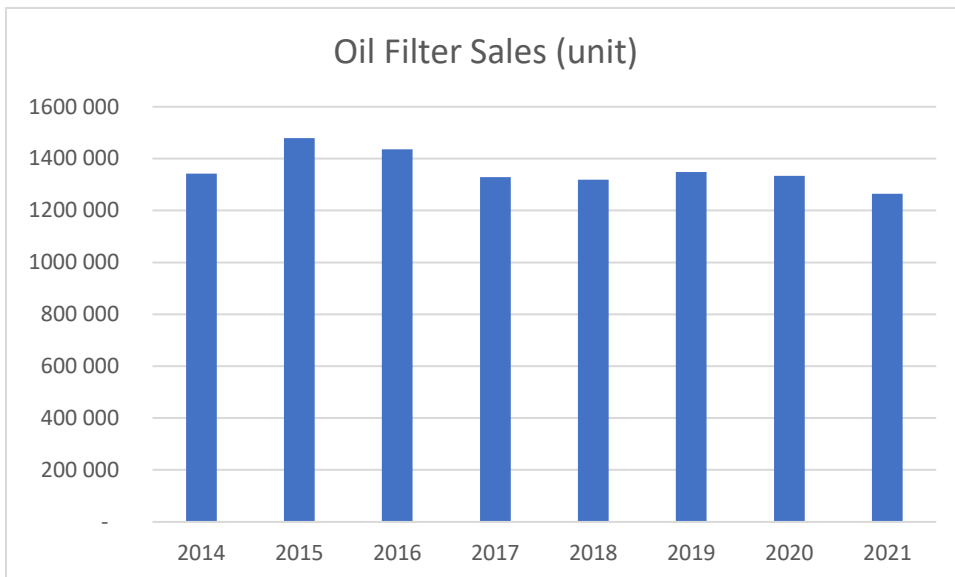
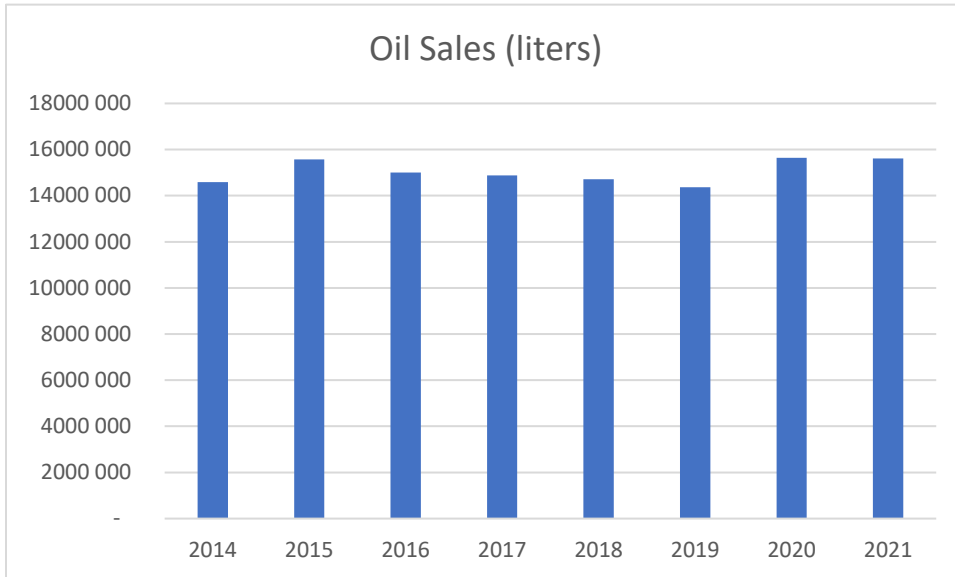
(b) information on the number of units of oil, oil filters and glycol sold on the market, and the methods of collection, storage, transportation, consolidation and recycling facilities to be used

UOMA Atlantic's role is to manage the collection and recycling of used oil and glycol materials across New Brunswick in accordance with all applicable laws and regulations. The system put in place by UOMA Atlantic monitors the designated materials starting from the time they are put on the market to the time they are processed. The recovery and reclamation system are based on Return Incentives (RIs) paid to UOMA Atlantic registered collectors and processors. The RIs are regularly reassessed and

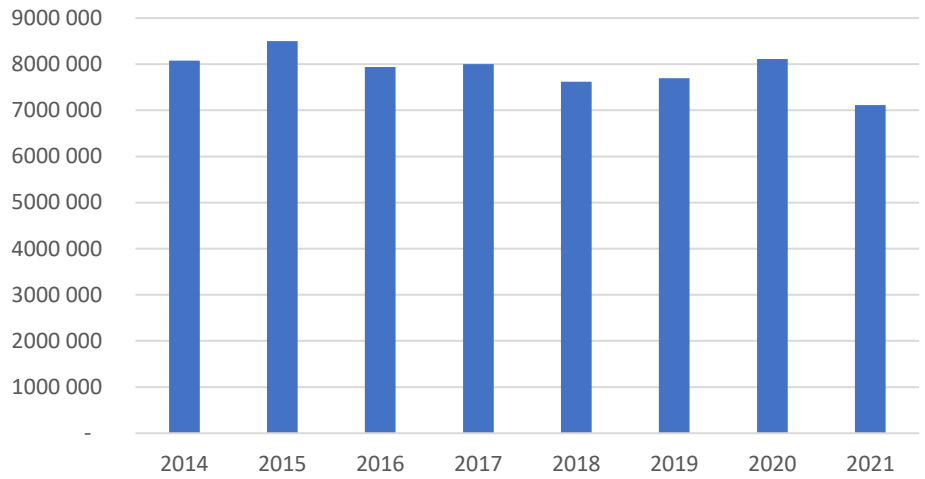
adjusted when required to meet program needs and market conditions.

5.1 Materials Sales

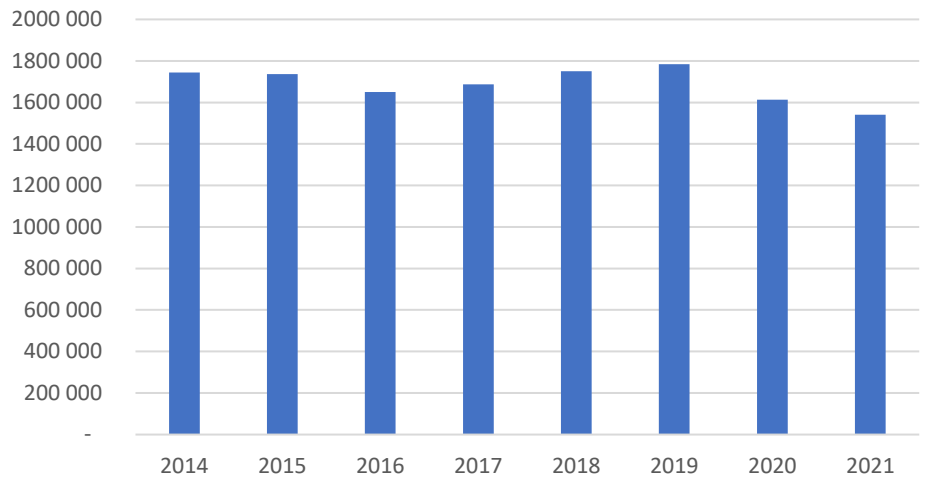
The quantity of oil and glycol materials sold annually varies with market conditions. This is an important factor affecting the quantity of materials available for collection. Sale quantities are tracked by UOMA Atlantic and shared with RNB quarterly. The following graphics illustrate historic sales of original oil and glycol materials in New Brunswick.



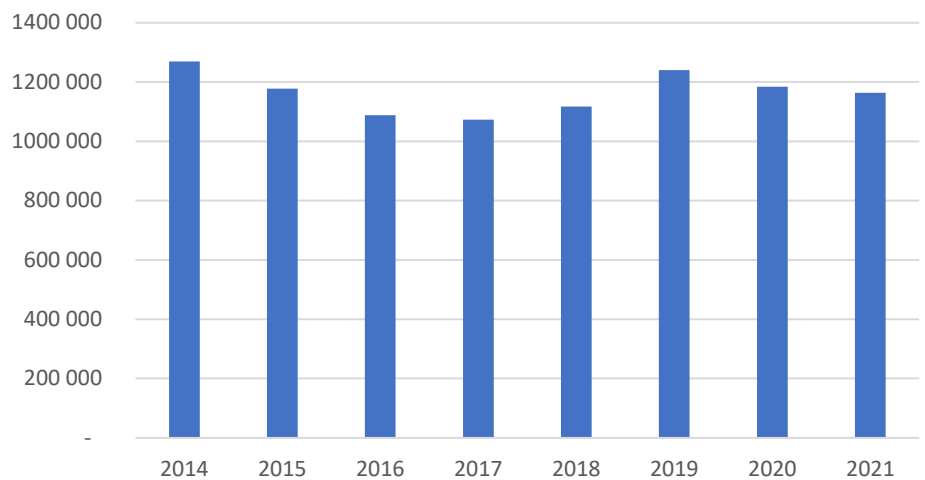
Oil Container Sales (liters of capacity)

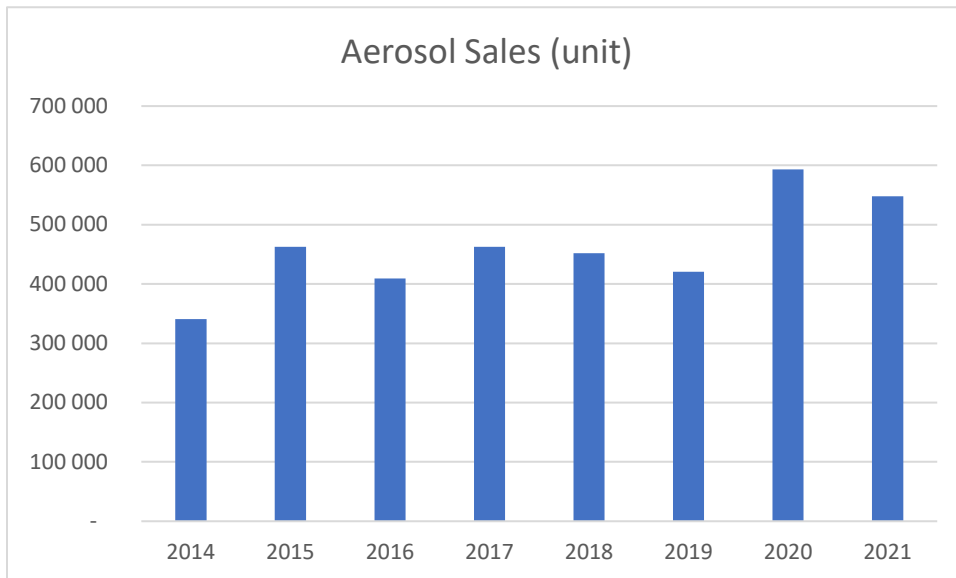


Glycol Sales (liters)



Glycol Container Sales (liters of capacity)





5.2 Materials Collection, Storage and Transportation

The UOMA Atlantic program accepts designated materials from any consumer or user in New Brunswick, including household, government, and industrial, commercial, and institutional (ICI). These are referred to as *generators* of designated materials.

The used oil and glycol program works on the basis of “no cost” to generators. It is also based on a free enterprise approach for collectors.

UOMA Atlantic has established a network of public collection facilities where individuals such as do-it-yourselfers (DIYers) and generators with small quantities can drop off used oil materials for safe disposal, free of charge. What qualifies as a small quantity is left to the discretion of the receiving facility and is based on the storage capability which varies from one facility to another. As of December 9, 2022, UOMA Atlantic has 190 registered collection facilities in New Brunswick (Appendix B).

Companies interested in providing collection services to generators of larger quantities of designated materials must register with UOMA Atlantic. Registered collectors establish their collection routes and schedules to meet customer/client requirements. RIs are designed to act as a motivator for collectors to provide service across New Brunswick. Collectors receive a determined RI based on location (area), but regardless of size of operation they are servicing. This model is designed to help collectors offset the cost of collecting in more remote locations. Collectors report to UOMA Atlantic the quantities of materials collected. No incentive is paid to the collectors until UOMA Atlantic has proof that the designated materials are delivered to and accepted for treatment by UOMA Atlantic registered processors.

UOMA Atlantic also offers a Filter Incentive Program: a small payment to UOMA registered collection facilities for the used oil filters they generate and collect.

Used oil recycling programs in other provinces use different approaches to incentivize partners such as paying processors rather than collectors. UOMA will continue to review and research practices favored by other jurisdictions nationally and internationally and will adjust its practices where

appropriate to help drive collection of designated materials.

To ensure that recovered volumes are declared by collectors, UOMA Atlantic uses the services of an external firm to perform compliance reviews/audits on quantities declared by selected collectors on a yearly basis, targeting 20-25% of the volumes collected. Considering the small number of collectors operating in New Brunswick, most are reviewed/audited every year.

Generally, some materials remain in storage at collectors' locations at year-end which have not yet been sent for processing. These quantities are accounted as collected and processed in the succeeding calendar year. Although UOMA Atlantic requests its collectors to provide an annual statement which shows the total volume recovered, including the quantity reported to UOMA Atlantic, and the inventories at the beginning and end of the year, this information is not subject to audit by UOMA Atlantic.

5.3 Consolidation and Recycling Facilities

The program calls for different facilities that initiate the recycling of the designated materials collected in New Brunswick. The current list of UOMA Atlantic registered processors is provided in Appendix C. At present, the materials collected in New Brunswick are the following.

Used Oil

Used oil is brought to a facility where it is processed by removing the solids by particle filtration or by centrifuge, and the water and "light ends" by thermal treatment. The oil is then tested and sold as re-refined used oil mostly to serve as energy recovery by large industrial users as well as paving companies.

Used Oil Filters

Used oil filters are crushed into blocks to reduce their volume and their oil concentration. This process is done directly by some generators or by collectors. The metal blocs are then sent to collector's clients for recycling. The oil recovered from the crushed filters is processed with other used oil.

Oil and Glycol Containers

Plastic containers are initially compressed and bailed, and then are chipped, decontaminated, processed into pellets as raw material, and reintroduced into other recycled products.

Glycol

Glycol is processed by physical chemistry, inverse osmosis, and absorption treatments. Different additives are then introduced to comply with the customer requirements and sold as recycled glycol to the automotive industry.

Aerosol Containers

Aerosol containers are depressurized then crushed and the metal sent is to local metal recyclers.

5.4 Environmental Regulatory Requirements

Collectors and processors who are registering for first-time with UOMA Atlantic, or applying for annual

renewal of registration, must submit copies of required governmental permits to operate.

Designated materials are currently being handled and managed by specialized service providers in New Brunswick. Collectors are fully responsible for all necessary health and safety aspects of the collection, transportation, and temporary storage of all collected material. Collectors and processor who wish to participate in the program sign an agreement with UOMA Atlantic outlining requirements and expectations to operate within the program.

UOMA Atlantic tracks geographic areas being serviced, quantities collected by zones/areas, and the quality of the collected materials on an ongoing basis. Collected material which are managed by UOMA Atlantic registered processors are reported to authorized regulatory agencies.

5.5 Collection Rates and Recovery Targets

50.16 (c) the estimated number of units to be collected, reused, recycled and recovered, as well as associated costs

50.16 (g) a description of the methodology to be used by the brand owner to determine the amounts used to calculate the consumed in use rate

50.16 (l) Information with respect to the manner in which the oil and glycol stewardship plan will achieve the recovery rates set out in sections 50.21 and 50.22.

The following table shows the amounts of designated materials anticipated to be collected in the next five years and the associated costs to be disbursed to UOMA Atlantic registered collectors and processors. These figures are consistent with currently approved budgets and follow a conservative and realistic forecast for designated material recovery rates, with a “no modification to return incentives” scenario. As the operations evolve during this Stewardship Plan period, the forecast may prove underrated and UOMA Atlantic’ Board will then be solicited to review budget allocations.

Collection projections 2023-2027 and associated costs in Return Incentives (Ris) paid

Operational Year	Oil Collected		Filters Collected		Oil and Aerosol Containers Collected		Glycol Collected		Glycol Containers Collected		Total Ris
	(liters)	Ris	(kg)	Ris	(kg)	Ris	(liters)	Ris	(kg)	Ris	
2023	3 500 000	\$227 500	375 566	\$356 788	305 000	\$869 250	120 000	\$72 000	17 500	\$48 125	\$1 573 663
2024	3 500 000	\$227 500	375 566	\$356 788	305 000	\$869 250	120 000	\$72 000	17 500	\$48 125	\$1 573 663
2025	3 500 000	\$227 500	375 566	\$356 788	305 000	\$869 250	120 000	\$72 000	17 500	\$48 125	\$1 573 663
2026	3 500 000	\$227 500	375 566	\$356 788	305 000	\$869 250	120 000	\$72 000	17 500	\$48 125	\$1 573 663
2027	3 500 000	\$227 500	375 566	\$356 788	305 000	\$869 250	120 000	\$72 000	17 500	\$48 125	\$1 573 663

The Regulation states specific target recovery rates for the designated materials which must be achieved. These are the main performance measures used by the program. In 2023, the Stewardship Plan will embark on its 10th year of operation in New Brunswick. Under the Regulation, the applicable target recovery rates are as follows:

50.22(3) Within seven years after the implementation of an oil and glycol stewardship plan, and in each subsequent calendar year, a brand owner shall achieve the following recovery rates:

(a) for glycol, at least 75%; and

(b) for glycol containers, at least 75%

50.21(3) Within five years after the implementation of the oil and glycol stewardship plan, and in each subsequent calendar year, a brand owner shall achieve the following recovery rates:

(a) for oil, at least 75%;

(b) for oil filters, at least 75%; and

(c) for oil containers, at least 75%

UOMA Atlantic will provide RNB, within a timeframe mutually agreed upon by both organizations, with quarterly data on recovery volumes. Specific formulas and assumptions used in the calculation of recovery rates for each designated material, which can evolve from year to year based on best practice and acquired knowledge, are detailed in UOMA Atlantic (New Brunswick)'s annual reports.

UOMA Atlantic pursues its efforts in identifying where the designated materials are going and how they are being managed (for example a Product Survey done in 2021-22 briefly discussed later in this section) and adjusts its actions accordingly. UOMA Atlantic aims at quantifying and accounting for all products that are managed in an environmentally acceptable way.

No single performance measure is considered an accurate indication of the program's performance. In some cases, the performance measure is influenced by factors that are beyond the program's control, one example being the fluctuating value of commodities resulting in volatility of local and global market conditions.

UOMA Atlantic utilizes several measures to track the program's performance year over year. Units of measures applicable to this program include:

- quantities of designated materials being reused
- volumes consumed in use or lost
- residual recovery volumes
- recovery rates

The recovery rate compares the quantities of designated materials collected in a given year to the quantities of the same materials sold and available for recovery in that same year (collected/sold and collectable).

Given that New Brunswick's geography and commercial activities are relatively similar to some of the neighboring Canadian provinces or geographical zones, several of the benchmarks used there are applied in New Brunswick. When new studies giving measures of designated products "consumed in use" or "available for collection" become known, these will be shared, discussed, and approved by RNB before their findings are incorporated into the recovery rate calculations.

Oil

A portion of the oil is consumed in motors during regular use. That percentage varies depending on

type of use. Studies have been conducted in the different Canadian provinces to determine this percentage. Findings from these studies are used in establishing New Brunswick benchmarks. Based on the most recent studies for New Brunswick, it was determined that the rate for used oil available for collection is 69.2%. This rate is similar to what is applied in other Canadian provinces and has been approved for use in the calculations by RNB.

By combining the volumes of used oil burned directly by the generators for heat generation to the volumes collected by UOMA Atlantic registered collectors, UOMA Atlantic has been meeting the used oil recovery targets since the onset of the Program in 2014 and will continue to do so during the span of this Stewardship Plan.

Glycol

Low glycol recovery rate remains a national concern. Based on the most recent studies for New Brunswick, it was determined that the rate for used glycol available for collection is 42.95%. This rate is similar to what is applied in other Canadian provinces and has been approved for use in the recovery rate calculations by RNB. It includes, amongst others, a volume of used glycol handled at automotive salvage facilities where glycol is recuperated from vehicles at the “end of their useful life” but not made available for collection to UOMA Atlantic registered collectors. This used glycol is being reused or resold directly at the facilities.

The rate for used glycol available for collection may need to be re-examined in light of the rapid increase in the sale and use of electric and hybrid vehicles. These use a greater amount of glycol than do standard vehicles; the impact of which in the rate calculation was not accounted for in the original study referred to in the previous paragraph. In addition to this, a 2021-22 Product Survey, conducted on behalf of UOMA Atlantic, gave indications that more glycols could be accounted for at the generators’ level (e.g. service station garages) who also reuse or resell a portion of the used glycol they gather. These are examples of avenues where adjustments to the amount of glycol available for collection could change the yearly recovery rate results. UOMA Atlantic is committed to investigate and assess further these and other avenues with RNB during this Stewardship Plan period.

Filters

Since 2019, the filters recovery rate has only slightly missed the legislated target, by a level of 1 to 3%. This rate is being calculated with benchmarks used in Québec. In 2022, UOMA Atlantic initiated a characterization project with filters collected from New Brunswick generators. Information from this project will be used during this Stewardship Plan period to determine the need to adjust the current benchmarks. UOMA Atlantic is also working on updating information received from the Automotive Recyclers Association of Atlantic Canada (ARAAC) and from other vehicle recyclers on amounts of filters recycled with vehicles at the end of their useful life. UOMA Atlantic will also review with RNB the percentage of used filters which are discarded by generators (garages, etc.) at their facilities with other scrap metals. These filters, managed in environmentally approved manners, are to this date, not accounted for in reporting. When these studies on “filters available for collection” are completed, they will be shared, discussed, and approved by RNB before their findings are incorporated in the recovery rate calculations.

Plastic Containers

UOMA Atlantic acknowledges that a proportion of plastic containers ends up in New Brunswick

landfills with other trash. This was evidenced by the results of 1) a waste audit study performed in New Brunswick in 2019 to which UOMA Atlantic was one of the sponsors, and 2) by a product survey performed amongst used oil and glycol product generators in the province in 2021-22. This later study was solely funded by UOMA Atlantic.

Efforts are made by UOMA Atlantic to help divert containers and all other designated products from landfills so they can be properly recycled. Continued public education and awareness campaigns, combined with direct communications with garages, other generators, and partners, shall contribute to better handling of the designated products overall. UOMA will continue its partnerships with the collectors to create an environment favorable to an increase in recovery rates. During this Stewardship Plan, UOMA Atlantic will also fund an Infrastructure Program contributing to safe and efficient storage and facilitated collection of the products at strategic locations.

5.6 Program Accessibility and Collection Network

50.16 (d) information on the population and geographic area to be served;
(e) a plan for the provision of service to remote or rural areas, if applicable

UOMA Atlantic RIs for collectors are designed to promote collection in both rural, less populated areas with lower levels of generated designated materials, and urban areas with higher density and higher volumes of designated materials. The RIs are set at a sufficient rate to cover the costs associated with collection and are paid to collectors regardless of distance or volume collected. Any additional costs associated with collecting in rural areas should be sufficiently offset by the RIs paid in areas where distances are low and volumes are high. The goal is a similar level of service province wide. Every populated area of New Brunswick is visited periodically by collectors. It is of the responsibility of each commercial generator and their preferred collectors to agree on a suitable pickup schedule. UOMA Atlantic registered collectors are encouraged to develop “milk runs” to ensure efficient and effective services. In cases that are difficult to service, due to remoteness, UOMA Atlantic will work with a collector and generator to offset any additional costs associated with collection. If collection service issues arise, UOMA Atlantic manages them on a case-by-case basis with the collector and generator.

The service offered to garages and industry (IC&I), the main generators of designated materials, represents almost 90% of the volumes collected. Only a small percentage (about 10%) of the remaining volume comes from the general population.

UOMA Atlantic’s network of registered collection facilities is also an important element of the service offered to Do-it-yourself mechanics and NB households. The objective is to provide locations across the province where designated materials can be dropped off by the public, free of charge, for safe disposal. The network of collection facilities includes:

- garages and commercial vehicle service facilities
- participating retailers
- participating Regional Service Commissions (solid waste management sites)
- one day collection events – in cooperation with participating Regional Service Commissions
- participating harbour authorities

Residents of NB and DIYers can find the drop-off location closest to them by visiting the UOMA

website where an easy-to-use search feature helps locate collection facilities in their area. RNB also offers a drop-off locator tool on its own web site. UOMA Atlantic ensures that its up-to-date data, relating to depot locator, always remain easily accessible for use on the RNB website and in a manner requested by and acceptable to RNB.

Variables which contribute to accessibility include:

- the number and location of collection sites relative to the distribution of population in New Brunswick; in other words, the distance of travel to a drop-off site;
- the hours of operation of collection facilities; and
- the ease of access to program information, including collection site location (accessible on our WEB site).

UOMA Atlantic's guide in the establishment of collection facilities is to offer to at least 80% of the province's rural population a collection facility within a 30-kilometer radius of their main residence, and for the population living in major urban sites (Fredericton, Moncton and St. John), have at least 50% of their households within a 10-kilometer radius of the nearest collection site.

Annual marketing and advertising campaigns, as well as information distributed at trade /consumer shows serves to remind both generators and DIYers of the Used Oil and Glycol Program and ways to access collection services or a drop off location.

5.7 Reuse, Recover for Energy, Recycle

50.16 (f) a plan for the management of the designated material in adherence to the following order of preference:

- (i) reuse;
- (ii) recovery of energy; and
- (iii) disposal in compliance with the Act

The designated materials must not only be recovered but also recycled in accordance with all applicable laws and regulations. The overall objective is for recoverable designated materials to be 100% reclaimed and be given at least a second life.

Oil

- Energy Recovery
- Recycled as re-refined oil

Used oil is either be processed, and the energy content recovered (i.e. burned; currently the main avenue for New Brunswick used oil), or it is re-refined to produce recycled usable oil. Recycling of used oil by energy reclamation is strictly controlled; oil must first be analyzed to ensure it meets the regulatory standards.

Oil Filters

- Recycled for manufacturing

Filters are drained, crushed and/or compressed to extract the remaining oil, and then recycled (via foundries or any other accepted methods in New Brunswick). A second method feeds them into huge

furnaces where the oil assists heating, while the residual material contributes sulfur that otherwise would have to be added. The metal is recovered and reused in manners accepted by regulations.

Oil & Glycol Containers

- Recycled for manufacturing
- Reused

The majority of collected plastic containers are first decontaminated, then recycled and reintroduced into other products such as agricultural or road drains, bins, composite construction materials, etc. Some used containers are reused without prior treatment or transformation.

Glycol

- Recycled as glycols
- Reused

Collected used glycol is reprocessed into recycled glycols (variety of quality based on end-use). Some used glycol is resold or given away by generators and vehicle recyclers to be reused for varying purposes.

Aerosol containers

- Recycled for manufacturing

Aerosol containers are recycled for their metal content after being depressurized.

Contaminated Oil, Glycol and Non-program Materials

If contaminated or non-program materials enter the program, they become the sole responsibility of the collector.

UOMA Atlantic periodically assesses methods that could improve reduction, reuse, and recycling of the designated materials and will adjust RI or apply new incentives to improve collection, where appropriate.

6. Independent Assessment of the Plan

50.16 (j) an assessment of the performance of the brand owner's plan by an independent auditor

An independent auditor assessment of this Stewardship Plan is included in Appendix D

7. Design for Environment and Reduction of Environmental Impacts

50.16 (h) a description of the efforts being made by the brand owner to redesign oil or glycol products to improve reusability and recyclability;

(k) a plan for the elimination or reduction of the environmental impacts of used oil, used oil filters, oil containers, used glycol and glycol containers

The overall program objective is to reduce the environmental impact of the program's designated materials through the application of the pollution prevention hierarchy of reduce/reuse/recycle.

UOMA Atlantic has invested resources towards that mission and will continue to seek product design improvements and the reduction of environmental impacts through several pathways.

The oil and glycol industries are consolidating, and most brand owners manufacture products for a global market. Major factors that influence design for the environment are general market conditions, competition amongst industry players and the amount of EHC imposed on materials (which varies based on recyclability). Product design has evolved considerably in recent years with an emphasis on performance and pollution prevention.

UOMA Atlantic and its members have engaged in several initiatives to promote reduced environmental impacts of designated materials.

- UOMA Atlantic has adjusted EHCs based on the reusability and recyclability of the materials our members put on the market to promote total-recyclability (higher EHCs for products that are less recyclable; lower for those that can be recycled). Examples of less environmentally friendly designs which attract higher EHC are non-HDPE or non-metal containers such as the oil pouches, or “Ecobox Bag Bladder” oil containers. Most of the products currently on the market are ABB type polyethylene bags. These are non-recyclable. They are part of UOMA Atlantic designated materials and are being collected by the program and are mixed in with other oil containers. However, once they reach processing plants, they are considered waste and must be discarded. Major oil companies are developing a new bag formulation which is recyclable using pyrolysis/gasification as the way to recover the plastic molecules. These new bladder bags may replace the current bags in the future. However, pyrolysis is a new and emerging technology that is currently not widely available. A future challenge will be to determine the true cost associated with the recycling of these new bags in order that a fair EHC can be applied on these new products.
- In 2020, UOMA Atlantic sponsored a Research & Development project for the commercialization of small blow molding oil plastic containers made from 100% washed flakes. These were obtained from post-consumers oil containers collected by the UOMA Atlantic partners. Work on this project continued in 2021. Findings show that oil containers can be made entirely from plastics of used oil containers, meaning 100% PCR content. This information is being shared with container manufacturers to solicit their participation in developing this potential market.
- The current trend is for oils, filters, and glycol to have longer life spans. One clear example of this is an inheritably biodegradable mineral oil within the Petro Canada Lubricants product line (<https://lubricants.petro-canada.com/en-ca/brand/environ-mv-r>). The oxidation life of the product is 10,000+ hours. Many biodegradable oils are vegetable-based oils. These oils are biodegradable, but only last 500+ hours in some cases; meaning lots of containers and lots of product to recycle. This newer oil product lasts longer and is more environmentally friendly.

Many of the materials included in the UOMA Atlantic program will continue to change over time because of public demand for design that considers the environmental impact of the product.

As per the PRO Emergency Reporting Clause, should UOMA Atlantic discover an environmental emergency, UOMA Atlantic will immediately notify, whether during normal business hours or after hours, Recycle NB and the appropriate location of the New Brunswick Department of the Environment.

8. Communications and Public Awareness

50.16 (i) an education awareness plan for consumers and users of the oil, oil filter and glycol stewardship program, including information on the reasonable and free access to return facilities

Ongoing marketing and communications are important tools for maintaining and improving public and stakeholder awareness about the need to safely dispose of and recycle the designated materials. UOMA Atlantic uses several tactics to disseminate information; including, but not necessarily limited to:

- **Program Website:** The NB oil and glycol website at uoma-atlantic.com provides information to NB residents, in both official languages, on:
 - Drop-off locations (UOMA registered collection facilities) with details on hours of operation and materials accepted
 - Description of materials accepted by the program
 - Details on relevant EHC
 - Annual reports, and
 - Other program information
- **Advertising / Marketing:** A key component in creating awareness of the program and sustaining interest overtime. UOMA Atlantic conducts multimedia campaigns in the spring and fall of each year
- **Social Media:** UOMA Atlantic uses social media channels as part of a mix of tactics to promote the program and engage consumers
- **Earned Media:** Conduct media and public relations to complement paid advertising and marketing efforts
- **UOMA Atlantic hotline:** Bilingual hotline operated by UOMA Atlantic provides information on where to recycle oil and glycol designated material: 1-833-221-8662
- **Community Outreach:** Participate in trade/consumer shows, business events, special events
- **Promotional Materials / Program information:** for use in retail/business, trade/consumer shows, etc.
- **Local Government Partnerships:** Engagement with municipalities, Regional Service Commissions, the Department of Fisheries and Oceans Small Craft Harbours, etc.
- **Other Partnerships:** Collaboration with other NB product stewardship programs (e.g. cooperating where possible on community household hazardous waste day promotions, community outreach events, etc.)
- **Direct Mailings:** Dedicated mailings to targeted groups, such as automotive garages

Each year, by the end of November, the following year's detailed communication plan, including awareness targets, is submitted to RNB for review and for information purposes.

UOMA Atlantic contracted a communications firm to conduct an Awareness Survey in 2021-22 with results of 62% in the general public. Our communications firm provided feedback that 62% was a very good result for public awareness. UOMA Atlantic will be conducting another awareness survey in 2024, upon completion of the new communication plan, which will be rolled out in 2023, and

every 2nd year thereafter. Once this plan has reached the intended audience, our objective is that the awareness level will be at least 65%.

It is important to note that during the 2021-22 Awareness Survey, the generator awareness score was 94% which is a fantastic result. UOMA Atlantic is expecting the generator awareness score to remain 90% or higher.

In the event UOMA Atlantic would undergo significant brand name or website modification, RNB will be notified at least a month in advance so it can plan for the change.

APPENDIX

APPENDIX A List of Members as of March 10, 2023

APPENDIX B List of Collection Facilities as of March 10, 2023

APPENDIX C List of Processors as of March 10, 2023

APPENDIX D Assessment of the performance of the brand owner's plan prepared by an independent auditor

APPENDIX A

<i>Name of company</i>	<i>Address</i>	<i>City</i>	<i>Province</i>	<i>Postal code</i>	<i>Oil</i>	<i>Filters</i>	<i>Containers</i>	<i>Aerosols</i>	<i>Glycol</i>
1439174 Ontario Ltd. dba NLS Products	1, Lakewood Crescent	Bobcaygeon	ON	K0M 1A0				X	
A & I Products Canada Inc.	1400 Commerce Way - Unit C-1	Woodstock	ON	N4V 0A4		X			
ADF Diesel Montréal Inc.	5 Côte St-Paul	St-Stanislas	QC	G0X 3E0		X		X	
Agco Parts Division	1500 North Raddant Road	Batavia	IL	60510	X	X	X		X
AGS Company Automotive Solutions, LLC	2651 Hoyt Street	Muskegon	MI	49444	X	X	X	X	
Amsoil Inc.	925 Tower Avenue	Superior	WI	54880	X	X	X	X	X
April Super Flo Inc.	9, rue Béland	L'Isle-Verte	QC	G0L 1K0	X		X		X
Arlyn Enterprises Ltd. DBA Boss Lubricants	112 - 6303-30th Street SE	Calgary	AB	T2C 1R4	X		X		
Asalco Inc.	44 Ch. Des Ursulines	Stanstead	QC	J0B 3E0	X		X	X	
Atlantic Compressed Air Ltd.	484 Edinburgh Dr.	Moncton	NB	E1E 2L1	X	X	X		
Atlantic Farm Serv. Inc./Serv. Agric. Atlant. Inc.	123 Halifax	Moncton	NB	E1C 8N5	X		X	X	X
Atlas Copco Compressors Canada Inc.	5060 Levy St.	St-Laurent	QC	H4R 2P1	X	X	X		
AutoChoice Parts & Paints Ltd.	475 Windmill Rd	Dartmouth	NS	B3B 1B2	X	X	X	X	X
Automobile Solutions Americas Inc.	7145 West Credit Avenue	Mississauga	ON	L5N 6J7	X		X		
Baldwin Filters Inc.	4400 East Highway 30	Kearney	NE	68847		X	X		
Bass Pro Shops Canada ULC	12 Perry St.	Woodstock	ON	N4S 3C2	X				
Beck Arnley Worldparts Inc.	2375 Midway Lane	Smyrna	TN	37167	X	X	X		X
BestBuy Distributors Ltd.	3355 American Drive	Mississauga	ON	L4V 1Y7	X	X	X	X	X

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Blue Streak Hygrade Motor Products	7680, Tranmere Drive	Mississauga	ON	L5S 1K4	X		X		
Blue Water Agencies Ltd.	40 Topple Drive	Dartmouth	NS	B3B 1L6	X		X		X
Bluewater Lubricants Limited	40, Tople Drive	Darmouth	Nova	B3B 1L6	X		X		X
BMW Canada Inc.	50 Ultimate Drive	Richmond Hill	ON	L4S 0C8	X	X	X		X
Boeing Distribution Canada Ltd.	907 Curé Boivin	Boisbriand	QC	J7G 2S8	X	X	X	X	
Bosch Rexroth Canada Corp.	490 Prince Charles Dr. South	Welland	ON	L3B 5X7		X			
BP Lubricants USA Inc.	240 - 4th Avenue SW	Calgary	AB	T2P 2H8	X		X		
BP Marine Ltd.	240 - 4th Avenue SW	Calgary	AB	T2P 4H4	X				
Brandt Tractor Ltd.	P.O. Box 3856 - Hgwy 1 E.	Regina	SK	S4P 3R8					
BRP Inc.	75 J-A Bombardier	Sherbrooke	QC	J1L 1W3	X	X	X	X	X
Cabela's Retail Canada Inc.	25 Da Baets St.	Winnipeg	MB	R2J 4G5			X	X	
Campbellton Auto Supply	86 Water St.	Campbellton	NB	E3N 1B1	X	X	X	X	X
Canadian General Filters Ltd.	400 Midwest Road	Toronto	ON	M1P 3A9		X			
Canadian Kawasaki Motors Inc.	101 Thermos Road	Toronto	ON	M1L 4W8	X	X	X	X	
Canadian Tire Corporation	2180 Yonge Street	Toronto	ON	M4P 2V8	X	X	X	X	X
Canadian Tire Petroleum	2180 Young Street	Toronto	ON	M4P 2V8	X	X	X	X	X
Canimex Inc.	285, St-Georges	Drummondville	QC	J2C 4H3		X			
CarQuest Canada Ltd.	2635 E. Millbrook Road	Raleigh	NC	27604	X	X	X	X	X

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Carrefour du Camion St-Quentin	328 rue Canada	St-Quentin	NB	E8A 1H7	X	X	X	X	X
Central Tire Service Ltd.	5196 Highway 215	East Noel	NS	B0N 1J0	X		X	X	X
Champion Laboratories Inc.	200 S. 4th St.	Albion	IL	62806		X			
Chevron Canada Ltd.	1200 - 1050 West Pender St.	Vancouver	BC	V6E 3T4	X		X		X
Chicago Pneumatic Tool Company Canada Ltd.	1815 Clubhouse Drive	Rock Hill	SC	29730	X				
Club Car, LLC	4125 Washington Road	Evans	GA	30809	X	X			X
CNH Industrial Canada Ltd.	621 State Street	Racine	WI	53402	X	X	X	X	X
Costco Wholesale Canada Ltd.	415 West Hunt Club Rd	Ottawa	ON	K2E 1C5	X		X	X	
Crestline Coach Ltd.	126 Wheeler St.	Saskatoon	SK	S7P 0A9					
Crevier Lubrifiants Inc.	2025 Lucien-Thimens	St-Laurent	QC	H4R 1K8	X		X		X
Cummins Canada ULC	7200 Route Transcanadienne	Pointe-Claire	QC	H9R 1C2	X	X	X	X	X
Cummins Filtrations Inc.	26, Century Blvd.	Nashville	Tenn	37214		X			
Daimler Trucks Canada Ltd.	4747 N. Channel Avenue	Portland	OR	97217	X	X	X		
DAS Companies, Inc. dba DAS Distributors	724 Lawn Road	Palmyra	PA	17078	X		X	X	
Davanac Inc.	1936 St. Regis	Dorval	QC	H9P 1H6		X			
Echo Power Equipment (Canada)	311 Sovereign Road	London	ON	N6M 1A6	X	X	X		
Emerson Professional Tools LLC (Ridge Tool)	400 Clark Street	Elyria	OH	44035			X		
Énergie Sonic Inc.	9001 de L'Acadie	Montreal QC	QC	H4N 3H7	X		X		X

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Équipement SMS Inc.	17757, rue Lapointe	Mirabel	QC	J7J 1P3	X	X	X	X	X
Fastenal Canada Ltd.	4730 Service Drive	Winona	MN	55987	X	X	X	X	
FCA Canada Inc.	One Riverside Drive W. - PO Box 1621	Windsor	ON	N9A 5K3	X	X	X	X	X
Ford Motor Company of Canada Ltd.	1, The Canadian Road - Box 500	Oakville	ON	L6J 5E4	X	X	X	X	X
Fram Group (Canada) Inc.	2430 Meadowpine Blvd - Unit 107	Mississauga	ON	L5N 6S2		X			
Fuelex Energy Ltd.	3162 Thunderbird Cres	Burnaby	BC	V5A 3G4	X		X		X
G.F. Thompson Company Ltd.	620 Steven Court	Newmarket	ON	L3Y 6Z2			X		
G.K. Industries Ltd.	50 Precidio Court	Brampton	ON	L6S 6E3		X			
Gamma Sales Inc.	100 Hunter Valley Rd.	Orillia	ON	L3V 0Y7	X	X	X	X	X
General Motors of Canada Company	1908 Colonel Sam Drive	Oshawa	ON	L1H 8P7	X	X	X	X	X
Groupe BMR Inc.	1501 rue Ampère, Suite 200	Boucherville	QC	J4B 5Z5	X	X	X	X	X
Groupe Environnemental Labrie Inc.	175, Route Marie-Victorin	Lévis	QC	G7A 2T3	X				
Harley-Davidson Canada L.P.	675 Cochrane Drive	Markham	ON	L3R 0B8	X	X	X	X	X
Harnois Énergies Inc.	80, route 158	St-Thomas	QC	J0K 3L0	X		X		X
Hastings Filters	4400 East Highway 30	Kearney	NE	68847		X			
Henkel Canada Corp.	2515 Meadowpine Blvd.	Mississauga	ON	L5N 6C3				X	
Hino Motors Canada Ltd.	6975, Creditview Rd	Mississauga	ON	L5N 8E9		X	X		X
Home Depot of Canada Inc.	426 Ellesmere Road	Scarborough	ON	M1R 4E7	X	X	X	X	X

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Home Hardware Stores Ltd.	34 Henry Street West	St. Jacobs	ON	N0B 2N0	X	X	X	X	X
Honda Canada Inc.	180 Honda Blvd	Markham	ON	L6C 0H9	X	X	X	X	X
Husqvarna Canada Corp.	850 Matheson Blvd. W., Unit 1	Mississauga	ON	L5V 0B4	X				
Hyundai Auto Canada Corp.	75, Frontenac Drive	Markham	ON	L3R 6H2	X	X	X	X	X
Imperial Oil	237 4th Avenue S.W.	Calgary	AB	T2P 3M9	X		X		X
Importations Thibault Ltée	165, rue Sauvé	Sherbrooke	QC	J1L 1L6	X	X	X	X	X
Integrated Distribution Systems LP DBA Wajax Power	485 Venture drive	Moncton	NB	E1H 2P4		X			X
Irving Blending & Packaging	555, Courtenay Bay Causeway	Saint John	NB	E2L 4E6	X		X		X
Isuzu Commercial Truck of Canada Inc.	6205-B Airport Rd	Mississauga	ON	L4V 1E3	X	X	X		X
ITW Permatex Canada	35, Brownridge Rd. - Unit 1	Halton Hills	ON	L7G 1C6	X				
Jacques Larochelle Inc.	722, rue Principale	Pohénégamook	QC	G0L 1J0	X		X		X
John Deere Canada ULC	295 Hunter Road	Grimsby	ON	L3M 4H5	X	X	X		X
Kadex Aero Supply Ltd.	925 - 211A Airport Road	Peterborough	ON	K9J 0E7	X		X		
Kaeser Compressors Canada Inc.	3760, la Vérendrye	Boisbriand	QC	J7A 3R8	X	X	X		
Kalmar USA Inc	415 East Dundee St	Ottawa	kans	660067	X	X			
Keystone Automotive Operations of Canada Inc.	44 Tunkhannock Avenue	Exeter	PA	18643	X	X	X	X	
Kia Canada Inc.	180 Foster Crescent	Mississauga	ON	L5R 3Y9	X	X	X	X	X
Kimpex Inc.	5355 St-Roch	Drummondville	QC	J2E 0B4	X	X	X		X

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King-O-Matic Industries Ltd.	939 Pantera Drive	Mississauga	ON	L4W 2R9		X	X		
Kleen-Flo Tumbler Industries Ltd.	75 Advance Blvd.	Brampton	ON	L6T 4N1	X		X	X	
Klondike Lubricants Corporation	3078 - 275th Street	Aldergrove	BC	V4W 3L4	X		X		
Krown Corporate	35, Magnum Drive	Schomberg	ON	L0G 1T0			X	X	
KTM Canada Inc.	1375-1 Marie-Victorin	St-Bruno	QC	J3B 6V7	X				
Kubota Canada Ltd.	5900 14th Avenue	Markham	ON	L3S 4K4	X	X	X		
Les Pièces d'Auto Transbec Inc. (Les)	5505, Ernest-Cormier	Laval	QC	H7C 0A1	X	X	X	X	
Liebherr Canada Ltd.	10, Lynds Avenue	Moncton	NB	E1H 3K2	X	X			
Loblaws Inc,	1 president's choice Circle	Brampton	Ontar	L6Y 5S5	X		X		
Lubri-Lab Inc.	1540 rue de Coulomb	Boucherville	QC	J4B 8A3	X		X	X	
Lucas Oil Products (Canada) Company	302 N. Sheridan St.	Corona	CA	92880	X		X		
Mack Trucks Can. and Volvo Trucks Can. Div. Volvo	2100 Derry Rd West	Mississauga	ON	L5N 1B3		X			
Mahle Aftermarket Inc.	7670, Hacks Cross Rd	Olive Branch	MS	38654		X			
Mann+Hummel Filtration Technology US LLC	1 Wix Way	Gastonia	NC	28054		X			
Mann+Hummel Purolator Filters LLC	3200 Natal Street	Fayetteville	NC	28306		X			
Marindustrial Inc.	80 Harrisville Blvd	Moncton	NB	E1H 3N4		X			
Matech BTA Inc.	1570 boul. St-Charles	Drummondville	QC	J2C 4Z5	X	X	X		

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Mazda Canada Inc.	55 Vogell Road	Richmond Hill	ON	L4B 3K5	X	X			X
Mercedes-Benz Canada Inc.	98 Vanderhoof Avenue	Toronto	ON	M4G 4C9	X	X	X		X
MFTA Canada Inc.	2015 Center Square Road	Logan Township	NJ	08085	X	X	X	X	
Michaud Petroleum Inc.	866 Everard H. Daigle	Grand-Falls	NB	E3Z 3E8	X		X		X
Milacron Canada Corp.	1175 Appleby Line - Unit B1	Burlington	ON	L7L 5H9	X		X	X	
Mitsubishi Motor Sales of Canada Inc.	2090 Matheson Blvd East	Mississauga	ON	L4W 5P8	X	X	X		X
Modern Sales Co-Op	87, Caplan Avenue	Barrie	ON	L4N 9J3	X	X	X	X	
Motion Industries (Canada) Inc.	1605 Alton Road	Birmingham	AL	35201	X	X	X		X
Motovan Inc.	1391 Gay-Lussac	Boucherville	QC	J4B 7K1	X	X	X	X	X
MRG Canada Inc.	410, Rang de L'Anse	Berthierville	QC	J0K 1A0		X			
MSC Industrial Supply Co.	525 Harbour Place Dr.	Davidson	NC	28036	X		X	X	X
MTD Products Limited	10655 Henri-Bourassa Ouest	Ville Saint-Laurent	QC	H4S 1A1	X	X	X		
National Energy Equipment Inc.	489 Adelard-Savoie	Dieppe	NB	E1A 7E7	X	X	X		
Navistar Canada ULC	P.O. Box 536	Binbrook	ON	L0R 1C0	X	X	X		
NCH Canada Inc.	247 Orenda Road	Brampton	ON	L6T 1E6	X		X	X	X
Nissan Canada Inc.	5290 Orbitor Drive	Mississauga	ON	L4W 4Z2	X	X	X	X	X
Orgill Canada Hardlines ULC	3232 White Oak Rd	London	ON	N6E 1L8	X	X	X	X	
Paccar of Canada Ltd. (Parts division)	750 Houser Way North	Renton	WA	98055	X	X	X	X	X

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Parker Hannifin Canada	160 Chisholm Drive	Milton	ON	L9T 3G9		X			
Parkland Corporation	30 Oland Court	Dartmouth	NS	B3B 1V2	X		X		
Parts Canada Development Co.	2916 - 21st Street NE	Calgary	AB	T2E 6Z2	X	X	X	X	X
Parts for Trucks Inc.	P.O. Box 8238	Halifax	NS	B3K 5L9	X	X	X	X	X
Petro-Canada Lubricants Inc.	2310 Lakeshore Road West	Mississauga	ON	L5J 1K2	X		X	X	X
Philippe Gosselin & Associés Limitée	1133, boul. Vachon Nord	Ste-Marie	QC	G6E 1M9	X	X	X	X	X
Pièces d'Auto Transit Inc. (Les)	1100, Jean-Marchand	Lévis	QC	G6V 9G8	X	X	X		
Pièces de Transmission Unitrans Ltée (Les)	3795, rue Georges Corbeil	Terrebonne	QC	J6X 4J5		X			
Polaris Industries Ltd.	50 Prairie way	Winnipeg	MB	R2J 3J8	X	X	X	X	X
Prestone Canada	33 MacIntosh Blvd.	Concord	ON	L4K 4L5			X		X
Prévost, une division de Groupe Volvo Canada Inc.	35, Boul. Gagnon	Ste-Claire	QC	G0R 2V0	X	X			
Princess Auto Ltd.	475 Panet Rd	Winnipeg	MA	R2C 2Z1		X	X	X	X
Pro Form Products Ltd.	604 McGeachie Drive	Milton	ON	L9T 3Y5	X				
Produits Lubri-Delta Inc.	2215, Boul. Industriel	Laval	QC	H7S 1P8			X		
Prolab Technolub Inc.	4531, rue Industrielle	Thetford Mines	QC	G6H 2J1	X			X	
PTI Transformers Inc.	1155 Park Street	Regina	SK	S4N 4Y8	X				
Recochem Inc.	850 Montée de Liesse	Ville St-Laurent	QC	H4T 1P4	X		X		X
Robco Inc.	7200 St-Patrick	LaSalle	QC	H8N 2W7	X		X	X	

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Robert Bosch Inc.	PO BOX 100765	FORT LAUDERDALE	FL	33310-0765		X			
Robert K. Buzzell Ltd.	254 Horsman Rd	Moncton	NB	E1E 0E8		X	X	X	
Rona Inc.	220, Chemin du Tremblay	Boucherville	QC	J4B 8H7	X	X	X	X	X
Safety-Kleen Canada Inc.	300 Woolwich St.	Breslau	ON	N0B 1M0	X	X	X	X	X
SC CLS Holdings ULC	74 Shorting Road	Scarborough	ON	M1S 3S4	X	X	X		
Services Maintech / Maintech Services (Les)	321, Cambria Road	Lakefield	QC	J0V 1K0		X			
Shell Canada Products Ltd.	400 4th Avenue SW	Calgary	AB	T2P 2H5	X	X	X		X
Sherwin-Williams Canada Inc.	101 Prospect Avenue NW	Cleveland	OH	44115	X		X	X	
Shoreline Lube Distribution Inc.	55 Raymel Road	Grand Barachois	NB	E4P 7M7	X		X		X
Sinto Racing Inc.	3750, 14e Avenue Ouest	Saint-Georges de	QC	G5Y 8E3	X		X		
Skyjack Inc.	201, Woodlawn Rd.	Guelph	Ontar	N1H 1B9					
Small Town Lubes	76 Tribe Road	Lower Knoxford	NB	E7K 2H4	X		X	X	X
Southwestern Petroleum Canada Ltd.	534 North Main	Fort Worth	TX	76164	X		X	X	
Southwestern Petroleum Lubricants LLC	3401 Quorum Dr. - Suite 360	Fort Worth	Texas	76137	X		X	X	
Spécialités Hipertech Inc.	2200, Léon-Harmel - Suite 6	Québec	QC	G1N 4L2	X		X	X	
State Industrial Products DBA State Chemical Ltd.	5915 Landerbrook Drive	Mayfield Heights	OH	44124	X			X	
STIHL Ltd.	1515 Sise Rd. - Box 5666	London	ON	N6A 4L6			X		
Strongco Limited Partnership	55, Isnor Drive	Dartmouth	NS	E1E 1E1	X	X	X	X	X

<i>Name of company</i>	Address	City	Province	Postal code	Oil	Filters	Containers	Aerosols	Glycol
Subaru Canada Inc.	560 Suffolk Court	Mississauga	ON	L5R 4J7	X	X	X		X
Superline Fuels	3451 Barrington Street	Halifax	NS	B3K 2X8					
Suzuki Canada Inc.	360 Saunders Road	Barrie	ON	L4N 9Y2	X	X	X	X	X
Teklub Canada Ltée	9 rue Béland	L'Isle-Verte	QC	G0L 1K0	X		X	X	X
Texas Refinery Corp. of Canada Ltd.	840 North Main Street	Fort Worth	TX	76106	X		X	X	
Textron Off Road (Arctic Cat Sales Inc.)	601 Brooks Avenue South	Thief River Falls	MN	56701	X	X	X		X
Toromont Cat	175 Akerley Blvd.	Dartmouth	NS	B2Y 3Z6	X	X	X	X	X
TotalEnergies Marketing Canada Inc.	220 rue Lafleur	LaSalle	QC	H8R 4C9	X		X		X
Toyota Canada Inc.	One Toyota Place	Toronto	ON	M1H 1H9	X	X	X	X	X
Triumph Motorcycles America	100 Hartsfield Center	Atlanta	GA	30354		X	X	X	X
UAP Inc.	7025, rue Ontario Est	Montréal	QC	H1N 2B3	X	X	X	X	X
Ultra Clear Engine Fluids	850, Montée de Liesse	Montréal	Québ.	H4T 1P4					X
Uni-Select Canada Inc.	80, Rooney Crescent	Moncton	NB	E1E 4M3	X	X	X	X	X
Univar Canada Ltd.	9800 Van Horne Way	Richmond	BC	V6X 1W5	X		X	X	X
Valvoline Canada Ltd.	100 Valvoline Way	Lexington	KY	40509	X		X	X	X
Vast-Auto Distribution Atlantic Ltd.	50 Whiting Road	Fredericton	NB	E3B 5V5	X	X	X	X	X
Verco International Inc.	9, rue Béland	L'Isle-Verte	QC	G0L 1K0	X		X		X
Vermeer Canada Inc.	423-1100 South Service Rd.	Stoney Creek	ON	L8E 0C5		X	X		

<i>Name of company</i>	<i>Address</i>	<i>City</i>	<i>Province</i>	<i>Postal code</i>	<i>Oil</i>	<i>Filters</i>	<i>Containers</i>	<i>Aerosols</i>	<i>Glycol</i>
Volkswagen Group Canada Inc.	777 Bayly St West	Ajax	ON	L1S 7G7	X	X	X	X	X
Volvo Car Canada Limited	9130 Leslie Street	Richmond Hill	ON	L4B 0B9	X				X
Wainbee Ltd.	5789 Coopers Ave	Mississauga	ON	L4Z 3S6	X	X			
Wajax Industrial Components Ltd.	2200 52nd Avenue	Lachine	QC	H8T 2Y3	X	X	X	X	X
Wakefield Canada Inc.	3620 Lakeshore Blvd West	Toronto	ON	M8W 1P2	X		X		
Walmart Canada Corp.	1940 Argentia Road	Mississauga	ON	L5N 1P9	X	X	X	X	X
Walter Surface Technologies Inc.	5977 Route Transcanadienne	Pointe-Claire	QC	H9R 1C1	X		X	X	
WD-40 Company (Canada) Ltd.	P.O. Box 220	Etobicoke	ON	M9C 4V3			X	X	
Westpier Marine & Industrial Supply Inc.	577 Elm St.	Port Colborne	ON	L3K 4P5	X		X		X
Worldpac Canada Inc.	1-4300 Wellington Road South, P.O. Box 50	London	ON	N6E 2E7	X	X	X		
Wurth Canada Limited	345 Hanlon Creek Blvd.	Guelph	ON	N1C 0A1	X		X	X	
Yamaha Motor Canada Ltd.	480 Gordon Baker Road	Toronto	ON	M2H 3B4	X	X	X	X	

Number of members as of March 10, 2023 :



191

City	Company or organism name
Allardville	Commission de services régionaux Chaleur
Atholville	Central Garage Ltd
Atholville	Canadian Tire - Atholville
Aulac	Haylock Contract and Repair Services Ltd
Back Bay	Leeman's Truck and Auto Service Ltd
Bains Corner	Billys Premium Auto Service
Balmoral	Mecanik SJP
Bas-Caraquet	Gestion Provinciale Ltée
Bathurst	Canadian Tire
Bathurst	Clovis Septic Tank Ltd
Bathurst	École Seconodaire Népisiguit
Bathurst	Curt's Auto Repair
Berry Mills	Southeast Regional Service Commission
Bertrand	A.Frigault Pièces et réparations Ltee
Bethel	D. Harris Auto Repair And Salvage
Blackville	Keenan's Auto
Bouctouche	École Clément-Cormier
Campbellton	Mundle's Service Ltd
Campbellton	Plaza Chevrolet Buick GMC
Campbellton	Luc & Benny Muffler Shop 2008 Inc.
Cap-Pelé	Autorité Portuaire du Quai Aboiteau (1990) Inc.
Caraquet	Le Comité du Port de Caraquet Inc.
Caraquet	Ville de Caraquet
Centreville	Centreville Equipment Ltd
Chipman	Vernon Bishop Towing
Chipman	G. Saulnier Trucking Inc
Chipman	Thompsons Tire
Clair	Garage Don
Coal Creek	A. Bonnell Excavating
Cocagne	Adrien Goguen & Fils Ltée
Cocagne	Cocagne Tire Inc.
Cormierville	Harbour Authority of Cormierville
Dalhousie	Dayview Motors
Dalhousie	GM - Lounsbury Automotive
Dieppe	CDN Tire - Gestion Guy L'Heureux
Dieppe	Mr. Lube
Dieppe	Tracker Marine Boat Center "Bass Pro"
Dieppe	École Mathieu Martin - Atelier Mécanique
Doaktown	Stewarts Service Station
Edmundston	GM - Chevrolet Buick GMC Cadillac Ltd

City	Company or organism name
Edmundston	Garage Roy Collin et Body Shop
Edmundston	Rendez-Vous Chrysler
Edmundston	Canadian Tire - Edmunston
Edmundston	G.C. Mekanik
Elsipogtog	Elsipogtog Marine Facility
Escuminac	Port Authority of Escuminac Inc.
Fairfield	J.E. March Trucking Ltd.
Florenceville-Bristol	County Tractors & Machinery Ltd
Florenceville-Bristol	Bridge Front Auto
Fredericton	Fox Chevrolet Cadillac
Fredericton	Fredericton Volkswagen
Fredericton	Fredericton Mazda
Fredericton	Trius Inc
Fredericton	Swift's 15 Minute Oil Change Ltd
Fredericton	Swift's 15 Minute Oil Change Ltd
Fredericton	Cedar Holdings Inc.
Grand Falls	Ok Tire & Auto Service
Grand Falls	F. McClure & Sons Ltd
Grand Falls	Canadian Tire - Grand Falls
Grand Falls	Auto & Truck Centre
Grand Falls	Violette Ford 2016 inc
Grand Falls	Grand Falls Hyundai
Grand Falls	D & N Metals Co Ltd
Grand Manan	Route 776 Tire and Auto
Grand Manan	688925 NB Inc. & Island Waste & Recycling
Grand Manan	Grand Manan Harbour Authority (North Head)
Grand Manan	Grand Manan Harbour Authority (Ingall's Head)
Grand Manan	Grand Manan Harbour Authority (Seal Cove)
Grand Manan	Island Truck Repair
Grand-Sault	Rendez-Vous Chrysler
Hartfield	Hartfield Service Center
Hartland	Valley Car Care and Tire Ltd
Hillsborough	Hillsborough Recycling Depot
Hillsborough	Hillsborough Service Center
Indian Island	Indian Island Marine Services Inc.
Indian Mountain	Hogans Auto Services
Irishtown	Never Enuf Chrome & Detailing Ltd
Irishtown	Phil Gaudreau Auto Services
Jacksonville	Parts-R-U's
Jolicure	Granat Construction Ltd.

City	Company or organism name
Kedgwick	Garage Gaetan St-Laurent inc
Lakeville	Ron's Repair Shop Ltd
Lawrence Station	Southwest New Brunswick Service Commission
Le Goulet	Administration Portuaire Le Goulet
Lower Coverdale	Darren Phillips Auto Repair Ltd
Madawaska Maliseet First Nation	Maliseet Auto
McAdam	Mackay's Garage Ltd
McAdam	McAdam Auto Repair
Meductic	Cummings Bros & Son
Miramichi	GM - Lounsbury Automative Ltd
Miramichi	Towne Chrysler Dodge Jeep Ram Ltd.
Miramichi	Trevors Hyundai
Miramichi	Greater Miramichi Regional Service Commission
Miramichi	Envirem Organics Inc.
Miramichi	École Carrefour Beausoleil
Moncton	Take 5 Oil Change
Moncton	Mr. Lube
Moncton	Precision Auto Clinic
Murray Corner	Harbour Authority of Botsford
Neguac	H & C Allain Ltée
Neguac	Administration Portuaire du Quai de Néguac Inc.
Oak Bay	Olde Carr Ltd
Oak Bay	Ok Tire
Old Ridge	Randy's Towing
Old Ridge	Border Transmission Ltd
Old Ridge	R.E.M. Transport Ltd
Paquetville	L.A. Thériault and Fils Ltée
Pembroke	Sharpes Towing & Auto Salvage
Penobsquis	Bruce Cripps Automotive
Perth-Andover	RTC Auto Sales and Service
Perth-Andover	Grants Service Centre
Perth-Andover	Carquest Perth-Andover
Petite-Lamèque	Garage Petite-Lamèque
Petit-Rocher	Le Breton Auto Services
Piercemont	Edward Pickard Ltd
Pointe des Robichaud	Steven f garage
Quispamsis	Ultimate Auto Ltd
Richibucto	Richibucto Port Authority
Richibucto-Village	D & M Service Station Ltd
Richibucto-Village	Administration Portuaire de Cap-Lumière Ltd.

City	Company or organism name
Riverview	Riverview Muffler Centre
Riviere-Verte	P. Babineau Entreprises Inc
Riviere-Verte	Commission de Services Régionaux # 1 Nord-Ouest
Rogersville	Route 126 Auto Parts
Rothesay	KV Auto & Truck Center
Rothesay	Canadian Tire
Sackville	Gary Estabrooks Auto Service
Saint Andrews	Armstrong's Auto Repair
Saint Andrews	Ghost Road Auto Ltd
Saint John	Take 5 Oil Change
Saint John	Henderson Auto Service Ltd
Saint John	MK Auto Recyclers
Saint John	Canadian Tire - Saint John
Saint John	Hunter's Hi-Teck Auto
Saint John	Renforth AutoPro
Saint John	Ok Tire
Saint John	Millidgeville Service Center
Saint John	Aberdeen Motors
Saint John	Dobson Chrysler Dodge
Saint John	Fairweather Tire & Automative
Saint John	Checkered Flag Auto Service Ltd
Saint John	Ray Roach Service Center
Saint John	Stackhouse Automotive
Saint John	EW Auto Sales & Repairs Ltd
Saint-André	FJ Lafrance Ltd
Saint-André	M & L Ouellette Garage
Saint-Antoine	Donald Cormier Garage & Fils inc
Saint-Antoine	Saint-Antoine Farm Equipment Ltd
Saint-Antoine	Goguen Mag Wheels & Tires inc.
Saint-Basile	Garage Daniel Bois Autopro
Saint-Basile	Garage Danny Beaulieu
Sainte-Rose	D.S.K. Entreprise Ltée
Saint-François-de-Madawaska	Mich Trucking
Saint-François-de-Madawaska	Garage Éric Nadeau
Saint-Jacques	Garage Dionne Ltée
Saint-Louis-de-Kent	École Mrg-Marcel-François-Richard
Saint-Quentin	Garage Serge Valcourt
Shediac	GM - Seaside Chevrolet Limited
Shediac	École Louis J. Robichaud
Shediac Bridge	Tony's Vehicle Repair & Service Inc

City	Company or organism name
Shediac Cape	Waite's Garage Ltd
Shediac River	Bastarache Auto Salvage
Shippagan	Centre de Service Maritime aux Pêcheurs
Somerville	R L Auto Service Ltd
Somerville	Lawrence's Service Centre
St. Jacques	Garage Side Track's
St. Louis de Kent	Administration Portuaire du Cap St-Louis
St. Stephen	Canadian Tire - St Stephen
St. Stephen	Milltown Garage
Ste-Marie St-Raphael	Administration portuaire Ste-Marie St-Raphael
Sussex	Sussex Preferred Auto Services
Sussex	Main Street Auto Service Ltd
Sussex Corner	Quality Auto Parts Service & Sales
Tobique First Nation	Neqotkuk Diversion Center
Tracadie-Sheila	CSRPA
Tracadie-Sheila	GM - Toner GMC Chevrolet Buick Ltée
Tracadie-Sheila	Garage Centreville Tracadie-Sheila Ltée
Tracyville	Manfred's Auto And Truck Repair Ltd
Turtle Creek	Shs Auto
Upper L'Etang	CCM Enterprises Ltd
Upper Rexton	Upper Rexton Auto Service Ltd
Weaver	I.R. MacDonald & Sons
Weldon	Frank L. Steeves Ltd
Willow Grove	Willow Grove Auto Repair
Wilson's Beach	Harbour Authority of Campobello
Woodstock	Corey Ford Limited
Woodstock	Woodstock Toyota
Woodstock	Corey Hyundai
Woodstock	Canadian Tire - Woodstock
Woodstock	OK Tire Ltd

Number of Collection facilities as of March 10, 2023:



190

NAME	CITY	PRO	TELEPHONE	Oil	Glycol	Filters	Containers	Aerosols
Construction DJL Inc.	Boucherville	QC	450-641-8000	X				
GFL (DB) Environmental Services Inc.	Debert	NS	902-662-3358	X				
GFL (MO) Environmental Services Inc.	Moncton	NB	506-859-1598	X		X		X
GFL (SX) Environmental Services Inc.	Sussex	NB	506-432-9500	X	X	X		X
Napierville Refineries inc.	Napierville	QC	(514) 341-3274		X			
Plastiques VPC inc.	Saint- Henri	QC	418 882-0564				X	
RPM Eco	Blainville	QC	1 877 535-0777				X	
Safety-Kleen Canada inc.	Debert	NS	514-475-8934	X		X		
Sintra Inc.	Lévis	QC	418-862-0000	X				
Veolia ES Canada Services Industriels inc.	Montréal	QC	1-800-563-9535	X	X	X		

Number of processors by product:

Oil	7
Glycol	3
Filters	4
Containers	2
Aerosols	2



Report

UOMA Atlantic's New Brunswick Oil and Glycol Product 2023-2027
Stewardship Plan Assessment

March 9, 2023

Presented to:



Raymond Chabot
Grant Thornton



March 9, 2023

**Raymond Chabot
Grant Thornton & Co L.L.P.**
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Montréal, Quebec
H3B 4L8

T 514-878-2691

Mr. Mike Jennex
Chairman of the Board of Directors
UOMA NB
214-1101 Brassard Blvd.
Chambly, Quebec J3L 5R4

Mr. Frank LeBlanc
Chief Executive Officer
Recycle NB
P.O. Box 308, Station A
Fredericton, New Brunswick E3B 4Y9

Dear Sirs:

Subject: Report – UOMA Atlantic’s New Brunswick Oil and Glycol Product 2023-2027 Stewardship Plan Assessment

We are pleased to submit you our report on UOMA Atlantic’s New Brunswick Oil and Glycol Product 2023-2027 Stewardship Plan Assessment.

This report has been prepared to present the results of our independent assessment and to recommend, when deemed necessary, improvements relating to the plan. It is meant to be used by management of the Atlantic Used Oil Management Association Inc. (hereinafter “UOMA NB”) and by Recycle NB and should thus not be distributed to any purpose other than the one we agreed on. A prior authorization from Raymond Chabot Grant Thornton & Co L.L.P. (hereinafter “RCGT”) is required for any other use.

We would like to point out the excellent cooperation of all people met during the assignment.

We thank you for your trust and remain at your disposal to provide you with any additional assistance or to help you pursue other objectives.

For more information, please feel free to contact the undersigned at 514-390-4176.

Yours truly,



Mathieu Lendick, CPA, CISA, QSA
Partner – Management Consulting

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1. UOMA Atlantic's New Brunswick Oil and Glycol Stewardship Program

1.1. UOMA NB

Founded in 2014, UOMA NB is a non-profit organization recognized by Recycle NB as an agent empowered to act on behalf of brand owners to deploy and manage an integrated recovery and reclamation program for regulated products. UOMA NB's mission is to manage an economically, environmentally, and socially efficient and responsible collection, processing, and user awareness program for used oils, used glycol, used oil and glycol containers with a capacity of 50 liters or less (including used lubricant aerosols and brake cleaner containers) and used filters, on behalf of the members.

1.2. THE PROGRAM

UOMA NB's recovery and reclamation program for regulated products is funded by the brand owners who are Members of UOMA NB. They fund the program by paying an environmental handling charge (EHC) for each regulated product marketed in New Brunswick.

When the regulated products are consumed and reach the end of their life cycle, they can be sent to collection facilities by the generators of these used products, or Collectors can pick up the used products directly from the generators.

Generators are mainly garages, dealers, companies from the commercial, industrial, municipal, forestry, agriculture and transportation sectors or individuals.

The Collectors, which are registered with UOMA NB, will then collect from registered collection facilities or from generators, the used regulated products and receive incentives (subsidies) from UOMA NB. Collectors, which often also act as Processors in the program cycle, will give a second life to the products or if they do not act as such, will send them to the registered Processors.

1.3. NEW BRUNSWICK OIL AND GLYCOL STEWARDSHIP PLAN

UOMA NB's latest stewardship plan for 2023-2027 was submitted to Recycle NB in accordance with the requirements of section 50.13 of the Designated Materials Regulation – Clean Environment Act (hereinafter the "Regulation") in March 2023, for approval by the Board of Directors of Recycle NB.

Further, this stewardship plan must be assessed by an independent external party in accordance with the requirement of section 50.16 (j) of the Regulation, "*an assessment of the performance of the brand owner's plan by an independent auditor*".

2. Scope and Approach

2.1. SCOPE

To assess the stewardship plan, we have considered the following requirements from section 50.16 of the Regulation which must be included in the content of the oil and glycol stewardship plan and to which UOMA NB must comply:

- (a) A plan for the collection, storage and transportation of used oil, used oil filters, oil containers, used glycol and glycol containers in the Province, including the materials of other brand owners.
- (b) Information on the number of units of oil, oil filters and glycol sold on the market, and the methods of collection, storage, transportation, consolidation, and recycling facilities to be used.
- (c) The estimated number of units to be collected, reused, recycled and recovered, as well as associated costs.
- (d) Information on the population and geographic area to be served.
- (e) A plan for the provision of service to remote or rural areas, if applicable.
- (f) A plan for the management of the designated material in adherence to the following order of preference: reuse; recovery of energy; and disposal in compliance with the Act.
- (g) A description of the methodology to be used by the brand owner to determine the amounts used to calculate the consumed in use rate.
- (h) A description of the efforts being made by the brand owner to redesign oil or glycol products to improve reusability and recyclability.
- (i) An education awareness plan for consumers and users of the oil, oil filter and glycol stewardship program, including information on the reasonable and free access to return facilities.
- (j) An assessment of the performance of the brand owner's plan by an independent auditor.
- (k) A plan for the elimination or reduction of the environmental impacts of used oil, used oil filters, oil containers, used glycol and glycol containers.
- (l) Information with respect to the way the oil and glycol stewardship plan will achieve the recovery rates set out in sections 50.21 and 50.22.

2.2. APPROACH

Operations to reach the goals of this engagement have been carried out from December 5, 2022 to March 9, 2023. Here is a summary of the main activities carried out:

- Discussions with the management of UOMA NB;
- Gaining an understanding and reviewing documents which supported our assessment of the stewardship plan.

Limits

It is important to point out that this report regarding the performance assessment of the stewardship plan does not constitute an audit, and, therefore, we express no assurance thereon.

3. Stewardship Plan Performance Assessment

(a) A plan for the collection, storage, and transportation of used oil, used oil filters, oil containers, used glycol and glycol containers in the Province, including the materials of other brand owners

Our assessment

UOMA NB meets this requirement, but minor improvements could be brought to the plan.

The organization was created to manage the collection, storage, and transportation of used oil, used oil filters, oil containers, used glycol and glycol containers for their members, through a recovery and reclamation system based on Return incentives (Ri) paid to the collectors and processors. This system is well defined and detailed in UOMA NB's stewardship plan.

Further, the collection, storage and transportation of designated materials are managed by service providers (collectors) which must be accountable to UOMA NB and about their contractual commitments.

Also, based on our experience as independent auditors for UOMA NB since the creation of the program, the organization is always seeking new ways to improve their recovery and reclamation system by reaching for more remote locations, looking for partnerships with key stakeholders and reviewing incentives paid to increase collection of oil and glycol products.

Finally, the plan includes a process, through collection facilities, to ensure geographic areas being serviced are well covered to maximize collection. As of September 30, 2022, UOMA NB had over 200 collection facilities in place.

Comments

- The plan could explain how collectors are accountable to UOMA NB to maximize collection of designated materials and ensure that collectors follow industry standards and various regulations to which they must adhere to.

(b) Information on the number of units of oil, oil filters and glycol sold on the market, and the methods of collection, storage, transportation, consolidation, and recycling facilities to be used

Our assessment

UOMA NB meets this requirement as the plan provides information on how the number of units of oil, oil filters and glycol sold on the market can be made available and on the methods of collection, storage, transportation, consolidation, and recycling facilities to be used.

The number of units sold is easily accessible as the organization's program is financed by their members who must declare designated products sold on a monthly or quarterly basis. The information is therefore available on a timely basis and the accuracy and completeness of units declared is ensured by assigning an independent firm to perform review engagements.

As for the methods of collection, storage, transportation, consolidation, and recycling facilities to be used, the plan details the recovery and reclamation system, based on Return incentives (Ri) paid to collectors and processors, ensuring collection services across New Brunswick, regardless of location or size of operation.

(c) The estimated number of units to be collected, reused, recycled, and recovered, as well as associated costs

Our assessment

UOMA NB meets this requirement, but minor improvements could be brought to the plan.

UOMA NB's plan provides information on the number of products to be collected from 2023 to 2027 and associated costs for the collection and processing of each designated product individually. Amounts of designated materials anticipated to be collected and the associated cost are based on approved budgets using a conservative approach.

Comments

- The plan could include more detailed assumptions, considering the impact of the various initiatives described in the plan as well as market conditions for the following years to estimate the number of units and their associated costs.

(d) Information on the population and geographic area to be served

Our assessment

UOMA NB meets this requirement, but minor improvements could be brought to the plan.

The plan provides information on the population and geographic area to be served. The plan provides a list of the collection facilities registered with UOMA NB and provides information on how the network of collection facilities is maintained, taking into consideration population density and provincial coverage.

The plan also addresses where designated materials can be returned by the public, free of charge: garages and commercial service facilities; participating retailers; participating Regional Service Commissions; one day collection events; and participating port authorities.

Comments

- The plan could address the process in place to monitor and ensure that population and geographic areas are well-served in terms of collection facilities and in terms of collection frequency.
- The plan could also address how collectors' performance is monitored since the responsibility of determining the frequency of collections is theirs.

(e) A plan for the provision of service to remote or rural areas, if applicable

Our assessment

UOMA NB meets this requirement as the plan provides information for the provision of service to remote or rural areas.

As described in the previous requirement, the plan provides information on how the network of collection facilities is maintained, taking into consideration population density and provincial coverage. Further, to ensure coverage to remote areas, the plan includes that UOMA NB will pay incentives to collectors based on local population densities and geographic issues to assure that all New Brunswick residents receive services.

(f) A plan for the management of the designated material in adherence to the following order of preference: reuse; recovery of energy; and disposal in compliance with the Act

Our assessment

UOMA NB meets this requirement, but minor improvements could be brought to the plan.

The plan provides information how each type of materials applicable to the program (oils, oil filters, aerosol cans, oil and glycol containers and glycols) are either reused, recovered for energy, or recycled.

As it is accepted in New Brunswick to burn used oil, energy recovery remains the primary mean of management for used oil as UOMA NB is seeking to increase the portion of used oils to be recycled and reused. For oil filters, aerosol cans and oil & glycol containers, the plan is to recycle the materials to be reused for manufacturing purposes and for glycols, the objective is to recycle it in order to be reused.

Comments

- The plan indicates that UOMA NB is periodically assessing methods that could improve reduction, reuse, and recycling of the designated materials. However, the plan could explain what action will be taken to achieve these improvements in designated products management.

(g) A description of the methodology to be used by the brand owner to determine the amounts used to calculate the consumed in use rate

Our assessment

UOMA NB meets this requirement, but minor improvements could be brought to the plan.

The plan provides information on how UOMA NB determines amounts used to calculate the consumed in used rate. UOMA NB will continue to base the “consumed in use” rate for oils and glycols on studies performed by external parties specifically for New Brunswick or other available studies that could help improve accuracy of the data used to determine recovery rates. UAOMA NB is seeking to obtain their own benchmarks to ensure that they are well in line with the reality of the market in New Brunswick.

Comments

- The plan could provide more information on the studies that are expected to be launched during the 2023-2027 period to improve the quality of assumptions used in the recovery rates calculation.

(h) A description of the efforts being made by the brand owner to redesign oil or glycol products to improve reusability and recyclability

(k) A plan for the elimination or reduction of the environmental impacts of used oil, used oil filters, oil containers, used glycol and glycol containers

Our assessment

UOMA NB meets this requirement, but minor improvements could be brought to the plan.

The plan describes the initiatives that UOMA NB and stewards of the program have engaged in to promote reduced environmental impacts of oil and glycol materials, such as:

- Adjustment of EHCs based on the reusability and recyclability of the materials marketed by stewards.
- Act as a sponsor in a Research & Development project to create oil containers made entirely from plastic of used oil containers.
- The production by brand owners of more eco-friendly products with a longer life span.

Comments

- The plan could provide information on action that will be undertaken by UOMA NB during the 2023-2027 period to promote the design of products with improved reusability and recyclability, to create new initiatives and to assist brand owners in such initiatives.

(i) An education awareness plan for consumers and users of the oil, oil filter and glycol stewardship program, including information on the reasonable and free access to return facilities

Our assessment

UOMA NB meets this requirement as the plan clearly indicates what is being done in terms of education awareness for consumers and users of oil related products and that UOMA NB will maintain its efforts to improve communication and awareness for consumers and different stakeholders to the program.

Relevant information on the program and education awareness is provided through various medias such as UOMA NB's website, social medias, mailings and promotional materials, commercial campaigns, etc. Further, these initiatives aim at targeting the general consumers as well as specific groups.

(j) An assessment of the performance of the brand owner's plan by an independent auditor

Our assessment

UOMA NB meets this requirement as the performance of the program's plan is assessed through this report.

(l) information with respect to the way the oil and glycol stewardship plan will achieve the recovery rates set out in sections 50.21 and 50.22

Our assessment

UOMA NB meets this requirement, but minor improvements could be brought to the plan.

According to the Regulation, UOMA NB will need to meet a 75% recovery rate for each type of materials applicable to the program (oils, oil filters, aerosol cans, oil and glycol containers and glycols).

For the year 2021, UOMA NB met the targeted recovery rate for oil, which includes a percentage of used oil burned for energy recovery in small commercial or private oil furnaces, considering that there is no legislation in place to prohibit this practice.

Further, regarding containers and oil filters, the challenge is that large quantities are disposed in sanitary landfill sites. For glycol, all programs across the country have encountered the same issue regarding recovery rates.

The plan indicates, for each product type, how UOMA NB will improve the quality of the information available to improve the accuracy of recovery rates and track performance.

Comments

- The plan should provide information on action that will be undertaken by UOMA NB during the 2023-2027 period to improve the recovery rates, in addition to how it will improve the quality of information. The plan should describe initiatives that will be put in place to increase product collection, address issues specific to some product categories, etc.

CONCLUSION

Overall stewardship plan performance assessment

Based on our assessment detailed in section 3 of this report, we can conclude that globally, UOMA NB's stewardship plan addresses how the regulatory requirements of section 50.16 of the Regulation will be managed by UOMA NB. However, we believe that some minor improvements could be brought to the plan to put more emphasis on initiatives that will be undertaken during the stewardship plan period, from 2023 to 2027.



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Raymond Chabot
Grant Thornton

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