

**Don't just
change your oil.
Recycle it.**



BC Used Oil
Management Association

Annual Report 2018

LETTER FROM THE BCUOMA CHAIR

On behalf of the BC Used Oil Management Association, I am pleased to present the 2018 Annual Report.

In the past year, BCUOMA has continued to do the work needed to improve the efficiency and reach of our Return Collection Facility (RCF) program. A comprehensive review of the program in 2018 will be used to guide the implementation of a new three-year strategic plan.

Since the introduction of our increased Infrastructure Grants, I am pleased to report we have approved and processed 25 grants (for equipment, structures or Seacans). In addition, we provided funding support for 8 community round-up events in 2018.

BCUOMA has also reviewed our internal and external communications strategy with a goal of increasing the reach of our brand message with the general public as well as our key program stakeholders. Additionally, our communications and operations team will work closely together to ensure consistent and efficient messaging.

We continue to have our eye on the future and we made great strides in 2018 towards our goal of modernization of our processes and data management.

As Chair of the BCUOMA Board, I am pleased with the steps we have taken in 2018 and the direction the organization is headed. I look forward to 2019 to be another successful year.

Brian Ahearn



Board Chair
BCUOMA

2018 BCUOMA BOARD OF DIRECTORS

Brian Ahearn, Chair
Canadian Fuels Association

Lonnie Cole, Secretary
Filter Industry

Natalie Zigarlick, Treasurer
Public Member

Don Heatherington
Mr. Lube Canada

Dan Higgins
Canadian Tire

Sam DeGuillio
Antifreeze Industry

Vincent Gauthier
Petro-Canada Lubricants Inc.

Gord Klassen
City of Fort St. John

Wayne Marees
Chevron Canada Ltd.

ANNUAL REPORT OVERVIEW

The British Columbia Used Oil Management Association (BCUOMA) is a not-for-profit Society formed under the British Columbia Society Act in 2003. BCUOMA's role is to ensure the responsible management of oil, filters, antifreeze, and containers sold, distributed or imported for commercial use by its members.

BCUOMA is managed by a multi-stakeholder Board of Directors with representatives from various sectors, including manufacturing, retail, local government and the public at large.

BCUOMA provides incentives to recyclers to ensure that oil, filters, antifreeze, and containers throughout BC are collected and managed. The collectors pick up the materials from generators and Return Collection Facilities (RCFs) across the province and deliver the materials to the BCUOMA registered processors, where they are processed to the point that they can be reused or sold as raw material inputs for manufacturing or energy products.



BCUOMA COLLECTOR ZONES

COLLECTION NETWORK PERFORMANCE

BCUOMA is a mature product stewardship program with a vast collection network. Collection occurs through the over 4,000 generators in BC. Many of these generators change oil, filters, and antifreeze commercially and then call the collectors in the BCUOMA program for pick-up.

An estimated 96% of the oil and antifreeze collected through the BCUOMA program was from commercial generators that service vehicles. The remaining 4% is from consumers who choose to change their own oil and antifreeze or small commercial generators who choose to bring their oil and antifreeze to a consumer collection site.

For the small number of citizens that choose to change their own oil and antifreeze, BCUOMA has developed a network of Return Collection Facilities that accept consumer returns at no charge. In 2018 BCUOMA continued to focus on building a robust and resilient province-wide collection network through consolidation, enhanced infrastructure and communication through various channels.

In 2018, 291 Return Collection Facilities (RCFs) collected materials from the public, a decrease from the 314 facilities that provided this service in 2017. Appendix 'A' lists the 291 RCFs by community.

Year	Number of Facilities
2018	291
2017	314
2016	433
2015	475
2014	505
2013	497





In 2018, BCUOMA announced an increase in Community Round-Up Grants and the launch of Infrastructure Grants to help place RCF facilities in targeted areas where the need is high. In 2018, we approved and processed 25 grants (for equipment, structures or Seacans) and provided funding support for 8 community round-up events.

BCUOMA's focus on consolidation and upgrading facility infrastructure has resulted in a decrease in the total number of facilities operating across the province, however, several of the facilities are now much better equipped to handle used materials from the public. BCUOMA continues to work on ensuring there are adequate recycling options for consumers province-wide and lessen the environmental risk of spills or contamination.

PRODUCT COLLECTION

In 2018, absolute collection for oil, oil filters and for oil and antifreeze containers increased while the collection of antifreeze decreased slightly.

Product sales in 2018 increased for antifreeze, filters and oil and antifreeze containers by .48% to 2.22% and decreased by 2.34% for used oil.

PRODUCT COLLECTION				
				
	Used Oil (millions of litres)	Filters (millions of units)	Containers (millions of kg's)	Used Antifreeze (millions of litres)
Sold (2018)	97.3	6.9	2.1	12.7
Consumed in use	(29.3)	n/a	n/a	(9.5)
Repurposed	(14.4)	n/a	n/a	n/a
Available for collection	53.6	6.9	2.1	3.2
Collection	50.6	6.0	1.8	2.5
Capture rate	94%	87%	86%	78%

Only a portion of every litre of oil and antifreeze sold is available for recovery because an estimated 30.1% of the oil and 75% of the antifreeze is consumed during use and an estimated 14.4 million litres of oil is re-purposed each year and is not available for collection.

The collection results by Regional District is provided on Page 5.

YEARS AHEAD – CONTINUOUS IMPROVEMENT

BCUOMA is a stable and longstanding program in BC and intends to continue to make incremental improvements while maintaining its stability. BCUOMA will continue to work with other used oil associations across Canada to harmonize its processes where it makes sense to do so. BCUOMA will also continue to monitor the marketplace trends for new and recycled oil and make program adjustments as necessary.

2018 COLLECTIONS BY REGIONAL DISTRICT

REGIONAL DISTRICT	OIL		FILTERS		CONTAINERS		ANTIFREEZE	
	LITRES	LTR PER CAPITA	UNITS	UNITS PER CAPITA	KG	KG PER CAPITA	LITRES	LTR PER CAPITA
Alberni-Clayoquot	415,988	12.51	54,194	1.63	22,215	0.67	23,706	0.71
Bulkley-Nechako	463,981	11.58	68,669	1.71	35,942	0.90	16,785	0.42
Capital	2,740,235	6.63	367,059	0.89	112,010	0.27	239,347	0.58
Cariboo	985,606	15.09	109,451	1.68	56,562	0.87	37,041	0.57
Central Coast	32,067	9.15	3,192	0.91	1,274	0.36	992	0.28
Central Kootenay	1,465,564	23.39	131,268	2.09	32,817	0.52	30,440	0.49
Central Okanagan	2,463,491	11.80	320,020	1.53	124,002	0.59	116,373	0.56
Columbia-Shuswap	794,051	14.32	91,772	1.65	32,086	0.58	30,043	0.54
Comox	895,210	12.51	116,626	1.63	47,808	0.67	51,015	0.71
Cowichan Valley	599,078	6.63	80,247	0.89	24,488	0.27	52,327	0.58
East Kootenay	1,496,807	23.39	134,066	2.09	33,516	0.52	31,089	0.49
Fraser Valley	2,495,866	7.82	315,569	0.99	72,647	0.23	135,820	0.43
Fraser-Fort George	1,675,233	16.69	179,679	1.79	90,257	0.90	60,381	0.60
Metro Vancouver	20,758,942	7.82	2,624,690	0.99	604,233	0.23	1,129,661	0.43
Kitimat-Stikine	545,784	13.90	72,908	1.86	36,721	0.94	17,294	0.44
Kootenay-Boundary	775,228	23.39	69,436	2.09	17,359	0.52	16,101	0.49
Mount Waddington	145,091	12.51	18,902	1.63	7,748	0.67	8,268	0.71
Nanaimo	1,264,470	7.56	168,156	1.01	55,855	0.33	100,345	0.60
North Okanagan	1,058,495	11.80	137,504	1.53	53,280	0.59	50,002	0.56
Northern Rockies	1,002,979	181.57	56,156	10.17	16,482	2.98	16,061	2.91
Okanagan-Similkameen	1,044,423	11.80	135,676	1.53	52,572	0.59	49,338	0.56
Peace River	3,740,236	56.76	306,812	4.66	114,184	1.73	96,534	1.46
Powell River	195,404	9.15	19,449	0.91	7,766	0.36	6,043	0.28
North Coast	187,012	9.94	28,907	1.54	20,095	1.07	6,719	0.36
Squamish-Lillooet	535,428	11.80	69,555	1.53	26,951	0.59	25,293	0.56
Stikine	130,184	181.57	7,289	10.17	2,139	2.98	2,085	2.91
Strathcona	602,275	12.51	78,463	1.63	32,164	0.67	34,321	0.71
Sunshine Coast	377,181	11.80	48,998	1.53	18,986	0.59	17,818	0.56
Thompson-Nicola	1,678,473	11.80	218,042	1.53	84,487	0.59	79,289	0.56
British Columbia	50,564,781		6,032,755		1,836,645		2,480,531	

* Totals may not add up due to rounding

SUMMARY OF 2018 COLLECTION & CONSUMER RETURNS

REGIONAL DISTRICT	OIL (L)		ANTIFREEZE (L)	
	TOTAL COLLECTED	CONSUMER RETURNS	TOTAL COLLECTED	CONSUMER RETURNS
Alberni – Clayoquot	415,988	44,355	23,706	1,623
Bulkley – Nechako	463,981	35,290	16,785	820
Capital	2,740,235	123,333	239,347	14,113
Cariboo	985,606	221,985	37,041	6,245
Central Coast	32,067	11,654	992	-
Central Kootanay	1,465,564	18,530	30,440	2,460
Central Okanagan	2,463,491	94,440	116,373	3,253
Columbia – Shuswap	794,051	67,515	30,043	2,773
Comox	895,210	21,332	51,015	2,192
Cowichan Valley	599,078	77,329	52,327	7,069
East Kootenay	1,496,807	48,505	31,089	225
Fraser Valley	2,495,866	164,148	135,820	5,418
Fraser – Fort George	1,675,233	102,895	60,381	5,125
Greater Vancouver	20,758,942	362,308	1,129,661	13,412
Kitimat – Stikine	545,784	40,484	17,294	1,435
Kootenay – Boundary	775,228	19,596	16,101	1,192
Mount Waddington	145,091	3,250	8,268	208
Nanaimo	1,264,470	76,848	100,345	5,736
North Okanagan	1,058,495	56,212	50,002	4,431
Northern Rockies	1,002,979	-	16,061	-
Okanagan – Similkameen	1,044,423	55,178	49,338	4,873
Peace River	3,740,236	16,131	96,534	1,882
Powell River	195,404	6,199	6,043	355
Skeena – Queen Charlotte	187,012	73,225	6,719	-
Squamish – Lillooet	535,428	6,750	25,293	-
Stikine	130,184	-	2,085	-
Strathcona	602,275	20,464	34,321	2,178
Sunshine Coast	377,181	27,856	17,818	615
Thompson – Nicola	1,678,473	164,501	79,289	6,120
Total	50,564,781	1,960,313 (4%)	2,480,531	93,752 (4%)

PROGRAM MARKETING & CONSUMER AWARENESS

As part of the overall communications strategy, BCUOMA is committed to ensuring timely and relevant information is available to the public on the website and other digital channels. In addition, BCUOMA will continue to use brochures, municipal recycling calendars, tabletop displays, other visual displays, and relevant public handouts as a means of reaching the public with program messaging. BCUOMA also uses traditional and digital media platforms as a means of communication.

BCUOMA has a dual focus for communications moving forward with emphasis on both general public awareness and RCF partnerships. The general awareness campaign will focus on sharing the message that recycling used oil, antifreeze and related products is free, easy and the responsible thing to do. Increasing communication with our RCF partners will ensure they are sharing the same message directly with the members of the public currently using the infrastructure BCUOMA has put in place in BC.

The most recent Consumer Awareness Benchmark Study for all Stewardship Programs in BC was completed in 2018. The study indicates that 71% of consumers are aware there is a recycling program in the BC for BCUOMA managed products. The study also states that 84% of British Columbians believe that the products collected in the BCUOMA program are being managed in a safe and environmentally responsible manner. As BCUOMA is largely a commercial program, with 96% of the product collected from commercial facilities, we feel that consumer awareness is not as critical a performance measure as a more consumer-oriented product and program.

YEAR	CONSUMER AWARENESS %	CHANGE FROM PREVIOUS
2018	71%	-7%
2016	78%	+8%
2014	70%	-

HOTLINE AND RECYCLING SEARCH LOCATOR

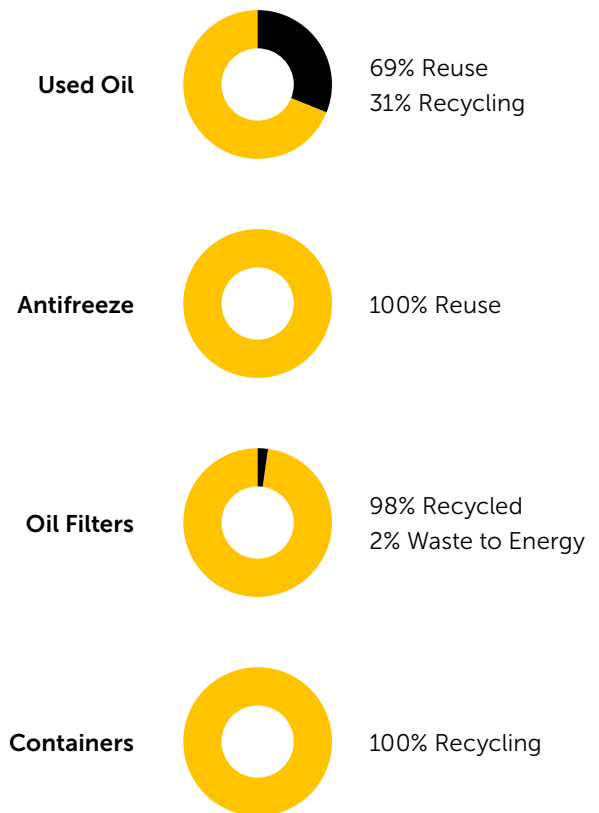
As part of BCUOMA's commitment to ensuring access to key program information at all times, BCUOMA participates with other stewardship programs to fund the Recycling Council of BC's hotline and Recyclopedia database.

Consumers looking to have their recycling questions answered can call the hotline at 1-800-667-4321 or search for a location to recycle at www.bcusedoil.com.

PRODUCT MANAGEMENT

Collected products are managed in accordance with the Pollution Prevention Hierarchy as outlined in the BC Recycling Regulation. Oil and Antifreeze collected and managed through the BCUOMA program are re-refined and reused. Filters, containers, and oil that can't be re-refined are processed and recycled into new products.

END FATE FOR PRODUCTS COLLECTED



AMBASSADOR PROGRAM

In 2018, BCUOMA sent a two-person team of brand ambassadors out to travel around BC visiting our partners and RCF locations and gathering feedback from the field. The team drove 17,500 kilometers and visited 238 facilities in 93 communities across the province.





Appendix A:

Return Collection
Facilities

APPENDIX

RETURN COLLECTION FACILITIES

100 MILE HOUSE

Castle Fuels (2008) Inc. (100 Mile House)
Gold Trail Recycling Ltd

150 MILE HOUSE

150 M+S Tire & Service Centre

70 MILE HOUSE

70 Mile House Eco-Depot (TNRD)

ABBOTSFORD

C M Klassen Holdings Inc.
Regional Recycling Abbotsford

AGASSIZ

Modern Tire & Towing Inc.

ALERT BAY

Village of Alert Bay Transfer Station

ARMSTRONG

Arjun Esso

BARRIERE

Louis Creek Eco-Depot (TNRD)

BELLA BELLA

Heiltsuk Environmental Services

BELLA COOLA

Belco Service (1978) Ltd.
OK Tire Store (Bella Coola-Hagensborg)
Thorsen Creek Recycling Center

BLUE RIVER

Blue River Eco-Depot (TNRD)

BOWSER

Bowser Automotive Care

BURNABY

City of Burnaby Eco-Depot
Marc's Import Auto Repair
Mr. Lube #141 (Hasting Burnaby)
Mr. Lube #201 (Kingsway)

BURNS LAKE

Burns Lake Automotive Supply Ltd.
Polar Park Automotive Industrial Supply

CAMPBELL RIVER

Campbell River Waste Management Centre (CVRD)
Great Canadian Oil Change (Campbell River)
Ironwood Auto Technicians
North Island Lube Ltd

CASTLEGAR

Ernie's Used Auto Parts

CHASE

Integra Tire Auto Center

CHETWYND

Chetwynd Recycling Depot
Great Canadian Oil Change (Chetwynd)

CHILLIWACK

Chilliwack Bottle Depot
Chilliwack Ford Sales (1981) Ltd.
Fraser Valley Tireland
Great Canadian Oil Change (Chilliwack) Alexander
Great Canadian Oil Change (Chilliwack) Vedder Rd
Greendale Motors Ltd
Jiffy Lube #1090 (Chilliwack)
Kirkpatrick Auto & Fleet Repair Ltd.
Mertin Pontiac Buick
Midas Auto Service (Chilliwack)
O'Connor Chrysler
OK Tire Store (Chilliwack) Ltd.

CHRISTINA LAKE

Christina Lake Mechanical Ltd.
Laketime Services

CLEARWATER

Clearwater Eco-Depot (TNRD)
Fleetwest Enterprises Ltd.

CLINTON

Clinton Eco-Depot (TNRD)

COBBLE HILL

Chapman Motors Ltd.

COMOX

Comox Valley Harbour Authority

COOMBS

Highway 4 Auto Salvage

COQUITLAM

Mr. Lube #159 (Coquitlam)

CORTES ISLAND

Cortes Island Waste Management Center

COURTENAY

Courtenay Car Centre Ltd.
Courtenay Kia
Finneron Hyundai
Glenn's Import & Domestic Auto Service
Mr. Lube #177 (Courtenay/Comox)
Rice Toyota Courtenay
Seeco Automotive

CRANBROOK

Castle Fuels (2008) Inc. (Cranbrook)
Cranbrook Depot (RDEK)
Denham Ford BC Ltd.
Great Canadian Oil Change (Cranbrook)

CRESTON

Comfort Welding

CROFTON

Crofton Auto Service

CUMBERLAND

Comox Valley Waste Management Centre (Cumberland)

DAWSON CREEK

Great Canadian Oil Change (Dawson Creek)
Peace Country Automotive Ltd.
Peace Country Petroleum Sales Ltd. (Dawson Creek)

DELTA

Shortstop Auto Service / Big O Tire
Vancouver Landfill

DENMAN ISLAND

Denman Island Recycling Depot (CVRD)

DUNCAN

Bings Creek Recycling Centre
Canadian Tire #466 (Duncan)
Great Canadian Oil Change (Duncan)
Island Chevrolet Buick GMC
Island Hose & Hydraulic (1994) Ltd.
Island Tractor & Supply

ELKFORD

District of Elkford

ENDERBY

Rod's Repair Shop
Williamson Automotive

FERNIE

Day Auto Electric
Woz Mechanical Ltd.

FORT NELSON

Wide Sky Disposal

FORT ST. JAMES

Riverside Repairs

FORT ST. JOHN

Canadian Tire #363 (Fort St. John)
Fort City Chrysler
Fort St John Co-op Association - 100 Ave
Fort St John Co-op Association - 91 Ave
GFL Environmental Liquids West
Great Canadian Oil Change (Ft. St. John)
Peace Country Petroleum Sales Ltd. (Fort St John - 91 Ave)
Rapid Lube & Wash
Smith Fuel Services Ltd.

FRASER LAKE

Fraser Lake AutoSense

GABRIOLA ISLAND

Gabriola Island Recycling Organization (GIRO)

GIBSONS

Norris Oil Sales Ltd.

GOLD BRIDGE

Gold Bridge Transfer Station (Squamish-
Lillooet Regional District)

GOLD RIVER

Gold River Auto Services
Gold River Waste Management Center (CVRD)

GOLDEN

Castle Fuels (2008) Inc. (Golden)
Columbia Diesel Ltd.
Golden Landfill (CSRDI)

GRAND FORKS

Alpine Disposal and Recycling (Grand Forks)

APPENDIX

RETURN COLLECTION FACILITIES

GREENWOOD

Greenwood Auto Centre Ltd. (formerly "Race Trac Gas")
Greenwood Saw To Truck Repairs

HEFFLEY CREEK

Heffley Creek Eco-Depot (TNRD)

HOPE

Gardner Chevrolet Oldsmobile Pontiac Buick
Mobil 1 Lube Express - Hope

HORSEFLY

Caron Horsefly Service Ltd

HOUSTON

Four Rivers Co-op (Houston Cardlock)
Sullivan Motor Products

INVERMERE

Canadian Tire #658 (Invermere)
Castle Fuels (2008) Inc. (Invermere)
Walker's Repair Centre Ltd.

KAMLOOPS

Castle Fuels (2008) Inc. (Kamloops)
Dearborn Motors Ltd.
Desert Cardlock Fuel Services Ltd (Kamloops)
Mr. Lube #147 (Kamloops Summit Lubricants)
Mr. Lube #8 (Kamloops Briar Ave Kendall Lube)

KELOWNA

Desert Cardlock Fuel Services Ltd (Kelowna)
Great Canadian Oil Change (Kelowna)
Jiffy Lube #1064 (Kelowna - Sexsmith Rd)
Jiffy Lube #1080 (Kelowna - Harvey Ave)

KITIMAT

Kal Tire (Kitimat)

LADYSMITH

Peerless Road Recycling Centre

LAKE COUNTRY

Great Canadian Oil Change (Winfield - Lake Country)

LAKE COWICHAN

Meade Creek Recycling Centre

LANGFORD

Alpine Recycling (Victoria)

LANGLEY

Fort Horseless Carriage Service Ltd.
Great Canadian Oil Change (Langley)
Jiffy Lube #1086 (Langley)
Mobil 1 Lube Express - Langley 56 Ave
Mobil 1 Lube Express - Langley 64 Ave

LILLOOET

Lillooet Landfill (Squamish-Lillooet Regional District)
Me Too Contracting
Revitup

LOGAN LAKE

Logan Lake Eco-Depot (TNRD)
Wolverine Auto Parts & Service

LYTTON

Lytton Eco-Depot (TNRD)

MACKENZIE

Jepson Petroleum Ltd. (Mackenzie)
Mackenzie Regional Landfill

MADEIRA PARK

Pender Harbour Diesel Co.

MAPLE RIDGE

Jiffy Lube (Maple Ridge)
Ridge Meadows Recycling Society

MASSET

TLC Automotive Services Ltd.

MCBRIDE

JNR Auto Services
McBride Regional Transfer Station

MERRITT

Lower Nicola Eco-Depot (TNRD)

MISSION

Mission Recycling Depot

NANAIMO

Canadian Tire #362 (Nanaimo)
Gold Automotive Ltd.
Great Canadian Oil Change (Nanaimo)
Harris Kia
Harris Mazda
Mr. Lube #93 (Nanaimo)
Regional Recycling Nanaimo - Hayes Rd
Regional Recycling Nanaimo - Old Victoria Road
Top-Lite Car Service Ltd.

NORTH SAANICH

Gurton's Garage Ltd.

OKANAGAN FALLS

G & R Auto

OLIVER

Curt's Automotive & Cycle
Oliver Brake & Muffler Ltd.
Oliver Landfill

OSOYOOS

Town of Osoyoos Sanitary Landfill

PARKSVILLE

Parksville Bottle and Recycling Depot
Parksville Petro Canada
Surfside Automotive

PEACHLAND

Lakeside Autocare

PEMBERTON

Pemberton Transfer Station (Squamish-Lillooet Regional District)

PENTICTON

Campbell Mountain Landfill
Jiffy Lube #1015 (Penticton)

PORT ALBERNI

Ace Automotive
Alberni Chrysler Ltd.
Alberni District Co-operative Association
Alberni Valley Landfill
Canadian Tire #488 (Port Alberni)
Pacific Chevrolet
Port Alberni Marine Fuels and Services
Sherwood's Auto Parts

PORT ALICE

Village of Port Alice Recycling Facility

PORT HARDY

Dave Landon Motors Ltd.
E.J. Klassen GM Motorcade
NAPA Auto Parts

PORT MCNEILL

7 Mile Landfill and Recycling Center
Furney Distributing Limited
Hilts Automotive
V-Echo Restorations

POWELL RIVER

Sunshine Disposal and Recycling

PRESPATOU

Fort St John Co-op Association - Prespatou

PRINCE GEORGE

A-Star Automotive Recycling Ltd.
Canadian Tire 360 (Prince George)
Foothills Boulevard Regional Landfill
Four Rivers Co-op (Prince George)
Great Canadian Oil Change (Prince George - 15 Avenue)
Great Canadian Oil Change (Prince George - Austin Rd)
Jepson Petroleum Ltd. (Prince George)
Mr. Quick Lube & Oil - George Street PG
Mr. Quick Lube & Oil - Hart Hwy PG
OK Tire Store (Prince George)
Prince George Auto Wrecking Ltd.
Prince George Truck & Equipment
Quinn Street Regional Recycle Depot
Vanway Regional Transfer Station

PRINCE RUPERT

Entire Automotive Services Ltd.
Frank's Auto Repair
Kal Tire (Prince Rupert)
MacCarthy Motors Ltd
Petro Canada (Prince Rupert - Marina)
Rainbow Chrysler Dodge Jeep Ltd.

PRINCETON

Princeton Landfill

PRITCHARD

South Thompson Eco-Depot (TNRD)

QUESNEL

Four Rivers Co-op (Quesnel)
Jepson Petroleum Ltd. (Quesnel)
Motherlode Quicklube

RADIUM HOT SPRINGS

Radium Hot Springs Esso

APPENDIX

RETURN COLLECTION FACILITIES

REVELSTOKE

Jacobson Ford Sales Ltd (Revelstoke)
Revelstoke Refuse Disposal Facility (CSRD)

RICHMOND

Jiffy Lube #1088 (Richmond)
Mobil 1 Lube Express - Richmond
Regional Recycling Richmond

SAANICHTON

Brentwood Auto & Metal Recyclers

SALMON ARM

Castle Fuels (2008) Inc. (Salmon Arm)
Great Canadian Oil Change (Salmon Arm)
Jacobson Ford Sales Ltd (Salmon Arm)
Salmon Arm Landfill (CSRD)

SALT SPRING ISLAND

Beddis Road Garage
Salt Spring Auto Parts

SAVONA

Dawn's Service
Savona Eco-Depot (TNRD)

SAYWARD

Sayward Public Works (CVRD)

SECHELT

Columbia Fuels (Sechelt)

SIDNEY

Clair Downey Service
Quality Brake & Muffler 2005 Ltd.

SLOCAN PARK

Slocan Park Repair

SMITHERS

Canadian Tire 631 (Smithers)
Glacier Toyota
Petro Canada (Smithers)

SPENCES BRIDGE

Spences Bridge Eco-Depot (TNRD)

SQUAMISH

Triton Automotive and Industrial Ltd

STEWART

Petro Canada - Stewart

SUMMERLAND

District of Summerland Landfill

SURREY

Hallmark Ford Sales Ltd.
Regional Recycling Cloverdale
Semiahmoo Bottle Depot

TAHSIS

Tahsis Waste Management Center (CVRD)

TERRACE

Four Rivers Co-op (Terrace Cardlock)
OK Tire & Auto Service (Terrace)
Petro Canada (Terrace)
Terrace Motors Ltd

TOFINO

Method Marine Supply Co. Ltd
Tofino Harbour Authority

TRAIL

OK Tire (Trail)

UCLUELET

Columbia Fuels (Ucluelet) / Eagle Marine

VALEMOUNT

K.P. Abernathy Ltd.
Valemount Regional Transfer Station

VANCOUVER

Regional Recycling Vancouver

VANDERHOOF

Four Rivers Co-op (Vanderhoof Gas Bar)
Four Rivers Co-op (Vanderhoof)
P & H Supplies Ltd.

VERNON

Great Canadian Oil Change (Vernon Anderson Way)
Great Canadian Oil Change (Vernon) 27th Street
Interior Freight & Bottle Depot Ltd.

VICTORIA

Advance Auto Centre Ltd.
Auto Services
Cunningham's Enterprise Ltd.
Derick's Automotive Services
EZ Lube Auto Ltd. Victoria (Jacklin)
Gartside Marine Engines Ltd
Great Canadian Oil Change (Victoria) Douglas St
Great Canadian Oil Change (Victoria) Langford Pky
Hartland Landfill
Jade Auto Service Ltd.
Jenner Chevrolet Buick GMC Ltd.
Jiffy Lube #1075 (Victoria)
Mr. Lube #6 Victoria Lubricants Douglas St
Race Rocks Automotive

WEST KELOWNA

Great Canadian Oil Change (West Kelowna)
Jiffy Lube #1043 (West Kelowna)
Mr. Lube #236 (West Kelowna)

WESTWOLD

Westwold Eco-Depot (TNRD)

WHISTLER

Local Automotive Co. Ltd.
S M D Automotive Ltd.

WILLIAMS LAKE

Canadian Tire #438 (Williams Lake)
Chap's Auto Body (Brent Graham Ltd.)
Chuck's Auto Supply
Desert Cardlock Fuel Services Ltd (Williams Lake)
Gary Young Agencies
Jepson Petroleum Ltd. (Williams Lake)
Lake City Ford Sales Ltd.
Likely Landfill



Appendix B:

Financial Report
& Independent
Auditors Report



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INDEPENDENT AUDITORS' REPORT

To the Members of British Columbia Used Oil Management Association

Opinion

We have audited the financial statements of British Columbia Used Oil Management Association (the Association), which comprise:

- the statement of financial position as at December 31, 2018
- the statement of operations for the year then ended
- the statement of changes net assets for the year then ended
- the statement of cash flows for the year then ended
- and notes to the financial statements, including a summary of significant accounting policies

(Hereinafter referred to as the "financial statements").

In our opinion, the accompanying financial statements, present fairly, in all material respects, the financial position of the Association as at December 31, 2018, and its results of operations and its cash flows for the year then ended in accordance with Canadian Accounting standards for not-for-profit organizations.

Basis for Opinion

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the "*Auditors' Responsibilities for the Audit of the Financial Statements*" section of our auditors' report.

We are independent of the Association in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada and we have fulfilled our other ethical responsibilities in accordance with these requirements

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.



Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian accounting standards for not-for-profit organizations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Entity's ability to continue as a going concern, disclosing as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Association or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Entity's financial reporting process.

Auditors' Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion.

Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists.

Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of the financial statements.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit.

We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion.

The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Association's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.



- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Association's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Association to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

KPMG LLP

Chartered Professional Accountants

Edmonton, Canada

April 26, 2019

British Columbia Used Oil Management Association


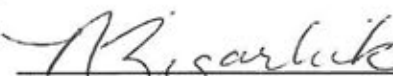
Statement of Financial Position

As at December 31, 2018

	2018 \$	2017 \$
Assets		
Current assets		
Cash	2,989,439	3,046,209
Accounts receivable (note 3)	4,093,642	4,128,521
Short-term investments (note 4)	7,513,439	6,799,395
Prepaid expenses	7,381	5,989
	<u>14,603,901</u>	<u>13,980,114</u>
Property and equipment (note 5)	1,105	2,849
Long-term investments (note 4)	<u>2,304,122</u>	<u>2,991,061</u>
	<u>16,909,128</u>	<u>16,974,024</u>
Liabilities		
Current liabilities		
Return incentives and return collection facilities incentives payable	1,578,640	1,674,008
Accounts payable and accrued liabilities (note 6)	<u>234,294</u>	<u>171,203</u>
	<u>1,812,934</u>	<u>1,845,211</u>
Net Assets		
Unrestricted	5,237,575	5,334,459
Internally restricted (note 7)	9,857,514	9,791,505
Invested in property and equipment	<u>1,105</u>	<u>2,849</u>
	<u>15,096,194</u>	<u>15,128,813</u>
	<u>16,909,128</u>	<u>16,974,024</u>

Commitments (note 8)

Approved by the Board of Directors

 Director  Director
The accompanying notes are an integral part of these financial statements.

British Columbia Used Oil Management Association

Statement of Changes in Net Assets

For the year ended December 31, 2018

	Unrestricted \$	Internally restricted \$	Invested in property and equipment \$	Total \$
Balance – December 31, 2016	7,818,266	6,644,738	5,385	14,468,389
Excess of revenue over expenditures for the year	662,960	-	(2,536)	660,424
Fund transfer (note 7)	(3,146,767)	3,146,767	-	-
Balance – December 31, 2017	5,334,459	9,791,505	2,849	15,128,813
Deficiency of revenue over expenditures for the year	(30,875)	-	(1,744)	(32,619)
Fund transfer (note 7)	(66,009)	66,009	-	-
Balance – December 31, 2018	<u>5,237,575</u>	<u>9,857,514</u>	<u>1,105</u>	<u>15,096,194</u>

The accompanying notes are an integral part of these financial statements.

British Columbia Used Oil Management Association

Statement of Operations

For the year ended December 31, 2018

	2018 \$	2017 \$
Revenue		
Environmental handling charges	15,462,958	15,123,056
Investment income (note 4)	66,009	146,767
Interest and other income	69,230	60,214
Registration fees	1,000	1,610
	<u>15,599,197</u>	<u>15,331,647</u>
Expenditures		
Program costs		
Return incentives and return collection facilities incentives (note 9)	13,433,253	12,709,907
Communications and public relations	624,053	501,811
Depot infrastructure	434,304	176,088
Consulting	120,638	88,060
Legal fees (note 10)	112,711	161,273
Management and administration contracts (note 10)	98,967	113,779
Technology support and investment	69,736	-
Compliance reviews	65,698	28,709
Bad debt expense (recovery)	-	300
	<u>14,959,360</u>	<u>13,779,927</u>
Administrative costs		
Management and administration contracts (note 10)	360,324	455,115
Office and general expenses	108,149	90,991
Rent	80,450	45,033
Financial audit fees	57,282	58,969
Board expenses	36,307	89,983
Legal fees (note 10)	28,200	148,669
Amortization	1,744	2,536
	<u>672,456</u>	<u>891,296</u>
	<u>15,631,816</u>	<u>14,671,223</u>
(Deficiency) excess of expenditures over revenue for the year	<u>(32,619)</u>	<u>660,424</u>

The accompanying notes are an integral part of these financial statements.

British Columbia Used Oil Management Association

Statement of Cash Flows

For the year ended December 31, 2018

	2018 \$	2017 \$
Cash provided by operating activities		
(Deficiency) excess of expenditures over revenue	(32,619)	660,424
Items not involving cash		
Amortization of tangible assets	1,744	2,536
Unrealized loss on investments	76,934	13,476
Accrued interest on investments	(22,357)	(40,041)
	<u>23,702</u>	<u>636,395</u>
Changes in non-cash operating working capital		
Decrease (increase) in accounts receivable	34,879	(338,807)
(Increase) in prepaid expenses	(1,392)	(11)
Increase in accounts payable and accrued liabilities	63,091	74,163
(Decrease) increase in return incentives payable	(95,368)	447,203
	<u>24,912</u>	<u>818,943</u>
Cash used in investing activities		
Proceeds on maturity of investments	6,106,242	2,171,263
Purchases of investments	(6,187,924)	(6,050,909)
	<u>(81,682)</u>	<u>(3,879,646)</u>
Change in cash	(56,770)	(3,060,703)
Opening cash – Beginning of year	<u>3,046,209</u>	<u>6,106,912</u>
Cash – End of year	<u>2,989,439</u>	<u>3,046,209</u>

The accompanying notes are an integral part of these financial statements.

British Columbia Used Oil Management Association

Notes to Financial Statements

December 31, 2018

1 Authority and purpose

The British Columbia Used Oil Management Association ("the Association") was incorporated under the Society Act of the Province of British Columbia on March 18, 2003 and commenced active operations effective July 1, 2003. It was formed to establish and administer a waste minimization and recycling program under the Post-Consumer Residual Stewardship Program Regulation, B.C. Reg. 111/97. In 2004, the Post-Consumer Residual Stewardship Program Regulation, B.C. Reg. 111/97 was repealed and replaced by the Recycling Regulation, B.C. Reg. 449/2004. As a not-for-profit organization, no provision for corporate income taxes has been provided in these financial statements, pursuant to Section 149(1)(l) of the Income Tax Act (Canada).

2 Summary of significant accounting policies

These financial statements have been prepared by management in accordance with Canadian accounting standards for not-for-profit organizations in Part III of the CPA Handbook. The Association's significant accounting policies are as follows:

a) Revenue recognition

The Association recognizes environmental handling charges ("EHC") in its unrestricted fund. EHC revenue is due when the lubricating oil, oil filters and oil containers are first sold by a registrant. EHC revenue is recognized when there is reasonable assurance of collection. Included in EHC revenue are amounts owed to the Association for unremitted EHC fees identified by the Association's compliance review process. Amounts identified by the compliance review are recognized as revenue in the year in which the compliance review is conducted.

The Association has internally restricted funds in investments to maintain sufficient cash resources for operational needs (note 7). Investment income earned on these funds is recognized as revenue in the year it is earned.

b) Return incentives and return collection facilities incentives

Return incentives ("RI") and return collection facilities incentives ("RCF") are recognized in the year when the lubricating oil and antifreeze materials are delivered to a registered processor's facility by a registered collector and completed claim forms are received and accepted by the Association.

British Columbia Used Oil Management Association

Notes to Financial Statements

December 31, 2018

c) Property and equipment

Property and equipment are recorded at cost, less accumulated amortization. Amortization is provided on a straight-line basis at the following annual rates:

Furniture and fixtures	5 years
Computer equipment	3 years

d) Financial instruments

The fair value of a financial instrument on initial recognition is normally the transaction price, which is the fair value of the consideration given or received. Subsequent to initial recognition, the fair values of financial instruments that are quoted in active markets are based on bid prices for financial assets. Transaction costs on financial instruments are expensed when incurred.

The Association's financial assets include cash, accounts receivable and investments. Cash and accounts receivable are initially recorded at fair value and subsequently accounted for at amortized cost using the effective interest rate method. Investments in guaranteed investment certificates are recorded at amortized cost and other investments are recorded at fair value. Unrealized gains and losses, dividends and interest income are included as investment income in the statement of operations.

The Association's financial liabilities include RI and RCF incentives payable and accounts payable and accrued liabilities. All financial liabilities are initially measured at fair value, and subsequently accounted for at amortized cost using the effective interest rate method.

All derivative instruments, including embedded derivatives, are recorded at fair value unless exempted from derivative treatment as a normal purchase and sale. The Association has determined that it does not have any derivatives and has not entered into any hedge transactions.

e) Use of Estimates

The preparation of financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenditures during the year. Significant items subject to estimates and assumptions include the estimated useful lives of property and equipment, collectability of accounts receivable, return incentives and return collection facilities incentives paid for ineligible containers (note 9), and accruals for EHC fees not submitted to the Association by the registrant until the following year. Actual results could differ from these estimates.

British Columbia Used Oil Management Association

Notes to Financial Statements

December 31, 2018

f) Allocated expenses

Expenses relating to management and administration contracts and legal fees are allocated between program costs and administrative costs as noted below unless specifically related to a program or administrative activity. The Association allocates these expenses by determining management's best estimate of resources spent on program activities and administration activities each year.

	2018 %	2017 %
Management and administration contracts		
Executive director contract		
Program costs	20	20
Administrative costs	80	80
Other contract staff		
Program costs	20	20
Administrative costs	80	80
Legal fees		
Program costs	20	20
Administrative costs	80	80

3 Accounts Receivable

	2018 \$	2017 \$
EHC accruals	3,412,017	3,844,341
Other accounts receivable	607,329	89,660
GST receivable	75,632	195,856
Allowance for doubtful accounts	(1,336)	(1,336)
Total	<u>4,093,642</u>	<u>4,128,521</u>

British Columbia Used Oil Management Association

Notes to Financial Statements

December 31, 2018

4 Investments

Short-Term Investments

The Association has funds invested in Canadian and International equities and guaranteed short-term investment certificates (GIC) with fixed interest rates maturing as follows:

Maturity date	Interest rate %	2018 \$	2017 \$
April 22, 2019	1.92	751,012	-
October 22, 2019	2.95	1,071,284	-
February 28, 2018	1.10	-	767,513
April 23, 2018	1.81	-	708,748
October 20, 2018	2.25	-	3,013,315
December 11, 2018	2.50	-	786,295
		<u>1,822,296</u>	<u>5,275,871</u>
Fidelity Canadian Large Cap Fund (Cost - \$1,231,180)		1,243,530	730,656
Fidelity Global Intrinsic Value Fund (Cost - \$550,000)		-	547,678
Fidelity Insights Fund (Cost - \$250,000)		-	245,190
Fidelity Global Asset Allocation Fund (Cost - \$1,131,488)		1,091,702	-
Dynamic Energy Income Fund (Cost - \$150,000)		135,160	-
Dynamic Preferred Yield Class Sr Fund (Cost - \$651,284)		594,363	-
RBC Core Plus Bond Pool Fund (Cost - \$453,740)		453,537	-
Fidelity Asset Allocation Private Pool (Cost - \$1,005,888)		1,003,978	-
Fidelity Global Growth & Value Fund (Cost - \$1,230,000)		1,168,873	-
		<u>5,691,143</u>	<u>1,523,524</u>
		<u>7,513,439</u>	<u>6,799,395</u>

Long-Term Investments

The Association also has funds invested in guaranteed long-term investment certificates maturing as follows:

Maturity date	Interest rate %	2018 \$	2017 \$
April 22, 2019	1.92	-	736,863
April 21, 2020	2.10	755,929	740,381
December 23, 2020	2.35	797,139	778,836
April 26, 2021	2.22	751,054	734,981
		<u>2,304,122</u>	<u>2,991,061</u>

British Columbia Used Oil Management Association

Notes to Financial Statements

December 31, 2018

4 Investments (continued)

Investment income is comprised of the following:

	2018 \$	2017 \$
Interest income	148,692	160,243
Gain on equity investments	14,594	-
Unrealized loss on equity investments	(97,277)	(13,476)
	<u>66,009</u>	<u>146,767</u>

5 Property and equipment

	2018		2017	
	Cost \$	Accumulated amortization \$	Net book value \$	Net book value \$
Furniture and fixtures	15,642	14,537	1,105	1,885
Computer equipment	12,618	12,618	-	964
	<u>28,260</u>	<u>27,155</u>	<u>1,105</u>	<u>2,849</u>

6 Accounts payable

Included in accounts payable are government payroll remittances payable of \$nil (2017 – \$124) related to goods and services tax and payroll remittances on Director's fees.

7 Internally restricted net assets

The Board of Directors has established a reserve fund. The purpose of the reserve fund is to cover the costs of the following: winding up the Association's programs; ensuring there are sufficient cash resources to meet operational needs; ensuring there are sufficient cash resources to fund any unanticipated changes to the Association's programs and mandate; and to cover the cost of any unforeseen claims or events.

Excess revenue over expenditures not required to cover the cost of ongoing programs may be allocated to the reserve fund as determined by the Board of Directors. In addition, the Board of Directors has stipulated that the

British Columbia Used Oil Management Association

Notes to Financial Statements

December 31, 2018

reserve fund be maintained at an amount equivalent to 12 months of the Association's expenses and contractual commitments.

8 Commitments

Under the terms of a financial services and use agreement expiring August 2020, the Association is charged a fee for provision of financial administration services of various staff. Under the terms of a service agreement expiring December 2019, the Association is charged a monthly rate for provision of professional and technical services. The Association has a lease agreement for its current office location in Edmonton until June 2020 and in Victoria until August 2020. The estimated minimum annual payments required under these agreements are as follows:

	Contract services \$	Facilities \$	Total \$
2019	453,600	54,849	508,449
2020	200,400	44,705	245,105
	<u>654,000</u>	<u>99,554</u>	<u>753,554</u>

9 Ineligible containers

The RI paid for used oil containers may include payments for ineligible containers from related products such as windshield washer fluid and fuel or oil additives. Containers for these products are currently excluded from the Association's program.

Since the containers are generally made of the same plastic as used oil containers, there is limited economic or environmental benefit in separating these containers from the used oil containers waste stream. There are also additional costs related to segregating these materials. On account of these factors, the Association has elected not to strictly enforce the removal of these containers in RI payments.

Based on studies performed by independent consultants, the Association has determined that the percentage of ineligible containers is approximately 10% (2017 – 10%) by weight. This percentage is used to estimate the amount spent on ineligible plastics. The estimated amount is \$325,000 for the year ended December 31, 2018 (2017– \$293,000).

British Columbia Used Oil Management Association

Notes to Financial Statements

December 31, 2018

10 Allocated expenses

For the years ended December 31, 2018 and 2017, total expenses allocated between program costs and administrative costs were as follows:

	2018 \$	2017 \$
Management and administration contracts	459,291	568,894
Legal fees	140,911	309,942

11 Financial risk management

Credit risk

Credit risk refers to the risk that a counterparty may default on its contractual obligations, resulting in a financial loss. The Association is exposed to credit risk with respect to accounts receivable and investments. However, the Association is not exposed to any significant concentration of credit risk due to its large registrant base. Management monitors its accounts receivable regularly and provides for any amounts that are not collectible in the allowance for doubtful accounts (note 3). The Association manages credit risk for its investments by maintaining them with Chartered Schedule I banking institutions.

There has been no change to the risk exposure from the prior year.

Liquidity risk

Liquidity risk is the risk an entity will encounter difficulty in meeting its obligations. The Association manages its liquidity by monitoring its expenses, working capital and overall capital expenditures. The Association primarily meets its liquidity requirements through the environmental handling charges and registration fees it earns. Investments and investment income are internally restricted to cover the cost of unforeseen claims and events. The Association expects to continue to meet future requirements through these sources.

There has been no change to the risk exposure from the prior year.

British Columbia Used Oil Management Association

Notes to Financial Statements

December 31, 2018

Market risk

Market risk refers to the risk that the fair value or future cash flow of the Association's financial instruments will fluctuate because of changes in market prices. The Association is exposed to market risk with respect to its investments. Accordingly, the value of these financial instruments will fluctuate as a result of changes in market prices, market conditions, or factors affecting the net asset values of the underlying investments. Should the value of the financial instruments decrease significantly, the Association could incur material losses upon disposal of the instruments. This risk is mitigated by diversification of portfolio holdings amongst different asset classes and by holding investments with varying maturity dates and a variety of issuers.

The risk exposure has increased from the prior year with the addition of equity investments to the investment portfolio.

12 Comparative information

Certain comparative information has been reclassified, where applicable, to conform to the financial statement presentation adopted for the current year.



Appendix C:

Independent
Reasonable Assurance
Report

BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION

**INDEPENDENT REASONABLE ASSURANCE REPORT ON SELECTED NON-FINANCIAL INFORMATION
INCLUDED IN THE BRITISH COLUMBIA USED OIL MANAGEMENT ASSOCIATION 2018 ANNUAL REPORT**

**To the Directors of
British Columbia Used Oil Management Association**

We have been engaged by the management of British Columbia Used Oil Management Association (“BCUOMA”) to undertake a reasonable assurance engagement in respect of the following disclosures within BCUOMA’s Annual Report for the year ended December 31, 2018 (together the “Subject Matter”):

- Location of collection facilities, and any changes in the number and location of collection facilities from the previous report in accordance with Section 8(2)(b) of BC Regulation 449/2004 (the Recycling Regulation);
- The description of how the recovered product was managed in accordance with the pollution prevention hierarchy in accordance with Section 8(2)(d) of the Recycling Regulation; and,
- The total amount of the producer’s product sold and collected and, if applicable, the producer’s recovery rate in accordance with Section 8(2)(e) of the Recycling Regulation.

RESPONSIBILITIES

The Subject Matter is the responsibility of BCUOMA’s management, who have prepared the Subject Matter in accordance with the evaluation criteria, which are an integral part of the Subject Matter. Our responsibility in relation to the Subject Matter is to perform a reasonable assurance engagement and to express a conclusion based on the work performed. Our audit does not constitute a legal determination on BCUOMA’s compliance with the Recycling Regulation.

EVALUATION CRITERIA

The suitability of the evaluation criteria is the responsibility of management. The evaluation criteria presented in Appendix A are an integral part of the Subject Matter and address the relevance, completeness, reliability, neutrality and understandability of the Subject Matter.

SCOPE OF THE AUDIT

We carried out our reasonable assurance engagement in accordance with the International Standard on Assurance Engagements 3000 (ISAE 3000) published by the International Federation of Accountants (“IFAC”). This Standard requires, amongst other things, that the assurance team possesses the specific knowledge, skills and professional competencies needed to understand and audit the information included within the Subject Matter, and that they comply with the independence and other ethical requirements of the IFAC Code of Ethics for Professional Accountants.

A reasonable assurance engagement includes examining, on a test basis, evidence supporting the amounts and disclosures within the Subject Matter. A reasonable assurance engagement also includes assessing the evaluation criteria used and significant estimates made by management, as well as evaluating the overall presentation of the Subject Matter. The main elements of our work were:

- Understanding and evaluating the design of the key processes and controls for managing and reporting the Subject Matter information used by management in preparing the Annual Report Subject Matter;
- Assessing the risks that the Subject Matter may be materially misstated;
- Responding to assessed risks through testing, on a test basis, the Subject Matter information used by management in preparing the Annual Report Subject Matter;
- Procedures such as inquiring, inspecting, observing, vouching to independent sources, recalculating and re-performing procedures were performed to obtain corroborating evidence to address assessed risks linked to the Annual Report Subject Matter; and
- Evaluating the sufficiency and appropriateness of the evidence obtained.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our qualified audit opinion.

INHERENT LIMITATIONS

Non-financial performance information is subject to more inherent limitations than financial information, given the characteristics of the Subject Matter and the methods used for determining and calculating such information. Qualitative interpretations of relevance, materiality and the accuracy of data are subject to individual assumptions and judgements. Furthermore, the nature and methods used to determine such information, as well the evaluation criteria and the precision thereof, may change over time. It is important to read our report in the context of evaluation criteria.

BASIS FOR QUALIFIED OPINION

As described under Product Sold and Collected in Appendix A, the Consumed in Use amount for antifreeze is calculated by multiplying products sold by 75%, and impacts the reported antifreeze recovery rate. This rate was determined using the Manitoba Association for Resource Recover Corp.’s 2018 survey result of 80%, adjusted down to 75% based on input from industry expert estimates. BCUOMA believes it is using the best available rate and that there is sufficient information indicating

that the rate obtained from the 2012 independent report is no longer accurate or representative of the Consumed in Use rate for antifreeze.

A comprehensive study is currently underway with an expected completion later in 2019 but sufficient appropriate audit evidence was not available at the time of audit to confirm the antifreeze Consumed in Use rate. Consequently, we cannot provide a reasonable assurance opinion on the antifreeze recovery rate.

QUALIFIED OPINION

In our opinion, except for the effects of the matter described in the Basis for Qualified Opinion paragraph, the Subject Matter for the year ended December 31, 2018 presents fairly, in all material respects, based on the evaluation criteria listed in Appendix A:

- The location of collection facilities, and any changes in the number and location of collection facilities from the previous report in accordance with Section 8(2)(b) of the Recycling Regulation;
- The description of how the recovered product was managed in accordance with the pollution prevention hierarchy in accordance with Section 8(2)(d) of the Recycling Regulation; and,
- The total amounts of the producer's product sold and collected and, if applicable, the producer's recovery rate calculated in accordance with Section 8(2)(e) of the Recycling Regulation.

EMPHASIS OF MATTER

Without qualifying our opinion, we draw your attention to Appendix B which describes why certain items required by the Assurance Requirements to be included in Appendix A have been excluded.

OTHER MATTERS

Our report has been prepared solely for the purposes of BCUOMA's compliance with the reporting requirements relating to Sections 8(2)(b), (d), (e) and (g) of the Recycling Regulation and is not intended to be and should not be used for any other purpose. Our duties in relation to this report are owed solely to BCUOMA, and accordingly, we do not accept any responsibility for loss incurred to any other party acting or refraining from acting based on this report.

Green Horwood & Co LLP

GREEN HORWOOD & CO LLP
CHARTERED PROFESSIONAL ACCOUNTANTS

Victoria, BC, Canada
June 5, 2019

Appendix A to the Independent Reasonable Assurance Report

COLLECTION FACILITIES

Section 8(2)(b) the location of its collection facilities, and any changes in the number and location of collection facilities from the previous report, including the contents of the Appendix - Return Collection Facilities.

Specific Disclosures in the 2018 annual report for which evaluation criteria were developed	
Claim in the Report	Reference
In 2018, 291 Return Collection Facilities (RCFs) collected materials from the public, a decrease from the 314 facilities that provided this service in 2017. Appendix 'A' lists the 291 RCFs by Community.	<i>Collection Network Performance</i> on page 3

The following definitions were applied to the assessment of the location of collection facilities, and any changes in the number and location of collection facilities from the previous report:

Collection Facility refers to locations that are owned by Program Participants (“Members”), registered collectors, local governments and not-for-profit organizations where:

- The collection facility operator(s) have a signed contract or registration form or verbal agreement with BCUOMA for the collection and redemption of Program Products.
- The location(s) is recorded by BCUOMA in a website database.

Collection Facilities include the following types of centres:

- Registered collection facilities (“RCF”) collect used oil and antifreeze materials from the do-it-yourself customer at no charge. These facilities may make a semi-annual claim to BCUOMA for payment for collecting used oil and/or antifreeze materials.
- Facilities that have entered into verbal agreement with BCUOMA and collect used oil and antifreeze materials. These facilities do not submit a RCF registration form.

Evaluation Criteria

- Reporting Period: January 1st to December 31st.
- The number of Collection Facilities and the location of each facility are documented in a data base maintained by BCUOMA. Collection Facilities are entered into the database as of the date of registration.
- The total number of Collection Facilities is obtained by adding the total number of registered collection facilities and facilities with verbal agreements listed in the website database as of December 31st of the reporting year.

- The changes in number and location of Collection Facilities are determined by adding the total number of Collection Facilities added in the reporting year less the total number of Collection Facilities removed during the reporting year. Locations that have moved during the reporting year (i.e., an operator that closed a location to move it to a new location) are captured in the total number of collection facilities added and removed throughout the year.
- The Ambassador Program verifies the existence of the collection facilities on a yearly basis. The results of the Ambassador Program are compared to the database of the collection facilities and the final list of facilities is posted on the website. A description of the Ambassador Program is described on page 8 of the 2018 Annual Report.
- A summary reconciliation is completed at year-end identifying the Collection Facilities at the beginning of the year, changes during the year and the number of facilities at the end of the year.

PRODUCT MANAGEMENT

Section 8(2)(d) the description of how the recovered product was managed in accordance with the pollution prevention hierarchy.

Specific Disclosures in the 2018 annual report for which evaluation criteria were developed	
Claim in the Report	Reference
Oil and Antifreeze collected and managed through the BCUOMA program are re-refined and reused. Filters, containers, and oil that can't be re-refined are processed and recycled into new products.	<i>Product Management</i> on page 7

Note: The percentage allocation between products collected that were reused and recycled on page 7 has not been reported on as the process to determine the allocation was not verifiable.

The following definitions were applied to the assessment of how the recovered product was managed:

Oil – The amount of uncontaminated used oil recovered, less the water content, that is received at a used oil processing facility is reported as either reused or recycled.

Antifreeze – The amount of used antifreeze that is received at a used antifreeze processing facility is reported as reuse.

Filters – The amount of metal filters processed and received at a steel recycler will be reported as recycled.

Containers – The amount of containers received at a facility that manufactures plastic resin (pellets) or a steel recycler will be reported as recycled.

Evaluation Criteria

- Products collected are shipped to registered processors that are waste management companies or recyclers

PRODUCT SOLD AND COLLECTED

Section 8(2)(e) the total amount of the producers' product sold and collected and the producer's recovery rate.

Specific Disclosures in the 2018 annual report for which evaluation criteria were developed					
Claim in the Report					Reference
	Used Oil (millions of litres)	Filters (millions of units)	Containers (millions of kg's)	Used Antifreeze (millions of litres)	
Sold (2018)	97.3	6.9	2.1	12.7	<i>Product Collection on page 4, 2018 Collections by Regional District on page 5, and Summary of 2018 Collection & Consumer Returns on page 6</i>
Consumed in use	(29.3)	n/a	n/a	(9.5)	
Repurposed	(14.4)	n/a	n/a	n/a	
Available for collection	53.6	6.9	2.1	3.2	
Collection	50.6	6.0	1.8	2.5	
Capture rate	94%	87%	86%	78%	

Evaluation Criteria

Products sold

- Total products sold volumes are based on EHC remittance forms submitted by registrants on either a monthly, quarterly, or annual basis in unit sales.
- The reported sold volumes are subject to compliance reviews which are completed for all registrants on a three to four year rotational basis.
- The product sold is reconciled to the numbers published in the Annual Report.

Product recovered

- Total product recovered volumes are based on return incentive claims (RI claims) submitted by registrants.
- The reported recovered volumes are subject to Desk Review to ensure that RI claims contain required supporting documentation as per the Manual for Registered Processors and Collectors.
- The Consumed in Use amount for oil is calculated by multiplying products sold by the rate obtained from a 2005 independent report commissioned by BCUOMA. The Repurposed amount was obtained from a 2011 independent report commissioned by BCUOMA.
- The Consumed in Use amount for antifreeze is calculated by multiplying products sold by 75%. This rate was determined using the Manitoba Association for Resource Recover Corp.'s 2018 survey result of 80%, adjusted down to 75% based on input from industry expert estimates. This estimate was not subject to sufficient audit verification.
- The Available for Collection amount is calculated by subtracting the Consumed in Use and Repurposed amounts, if applicable, from products sold.
- The recovery rate is presented as Capture Rate and is calculated by dividing actual collections by the amount determined to be available for collection.
- The product recovered is reconciled to the numbers published in the Annual Report.

Appendix B to the Independent Reasonable Assurance Report

BCUOMA has not reported the performance for the year in relation to approved targets under 8(2)(g) of the Recycling Regulation for the year ended December 31, 2018 as the Stewardship Plan is currently under review by the Ministry of Environment.

Consequently, we have not been engaged for the year ended December 31, 2018 to issue an assurance report on the above.



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