

E. REMOTE NORTHERN COMMUNITIES - PENETRATION

NORTHERN REMOTE COMMUNITIES PENETRATION

First Nations Communities Sustainable Waste Management & Recycling Workshop

MARRC participated in the organization and presentation at the First Nations Communities Recycling Workshop January 17/18, 2017.



**Ron Benson of MARRC
with Michael John Harper & Janet Wood of
St. Theresa Point interacting with the participants**

After MARRC's presentation, the following communities requested more information on the burning unit:

- Mathias Colomb Cree Nation (Pukatawagan) – Keith Castel
- Rolling River First Nation – Brent Wilson
- Mosakahiken Cree Nation (Moose Lake) – Cyril Ballantyne
- Sayisi Dene First Nation Tadoule Lake – Leonard Sanbury
- Swan Lake First Nation – Greg Soldier

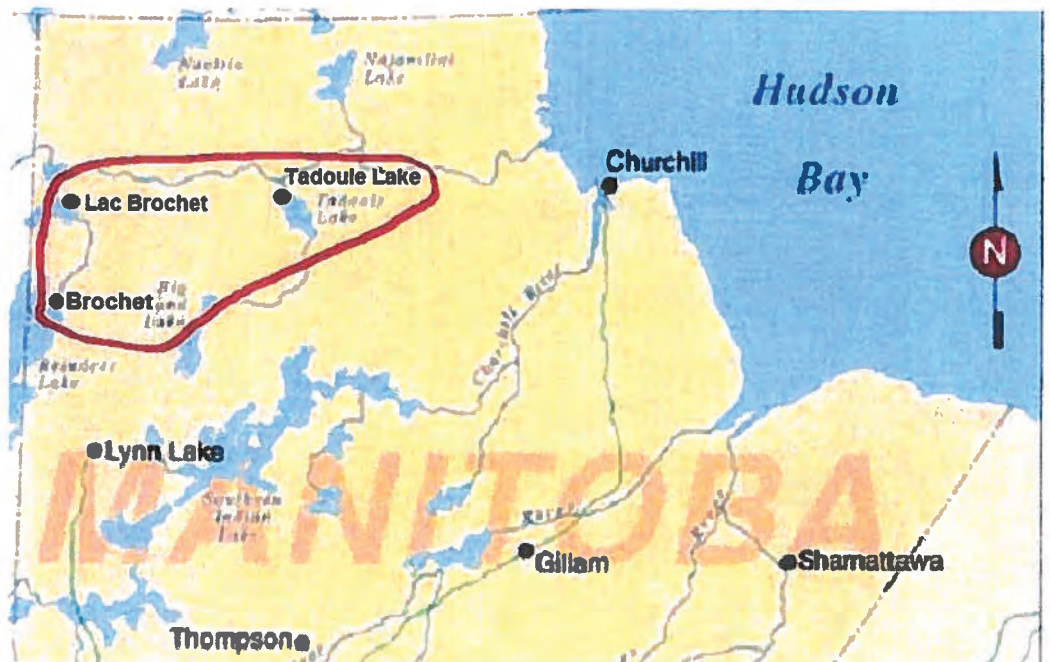
The following communities have been organizing as a cluster for the eventual purchase and delivery of a burning unit for each location, later in the year on the upcoming winter road:

The 3 locations are:

- Brochet
- Lac Brochet
- Tadoule Lake

Certified training would be coordinated with the 3 locations.

Financial support from MARRC for the burning unit would be \$7,500 for each site plus \$2,000 annual operating support



NORTHERN REMOTE COMMUNITIES – PENETRATION

Remote communities, in particular those that are only accessible by winter road, experience over time a significant build-up of derelict vehicles that include used oil, tires and batteries.

The transportation costs to Winnipeg for hauling the derelict vehicles and the hazardous materials is very expensive. Also, the winter road access time is very limited.

MARRC hosted meetings with various PROs to discuss the prospects of assisting these northern remote communities.

St. Theresa Point

St. Theresa Point was selected as the pilot project. Further discussion with the local Chief and Council lead to the licensing, purchasing, transporting and installation of a used oil burner unit at the local fire station.



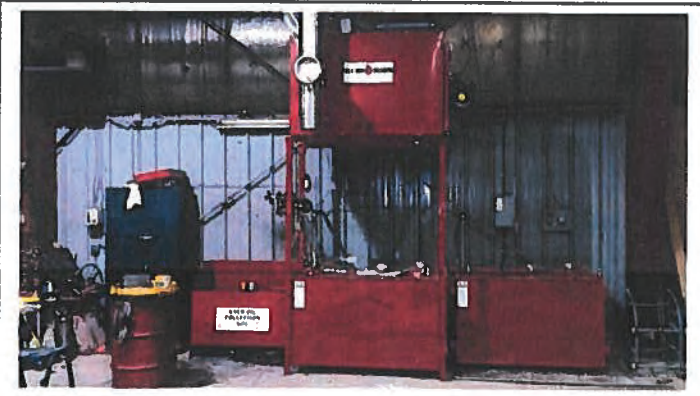
Project Manager
Solomon Mason

and

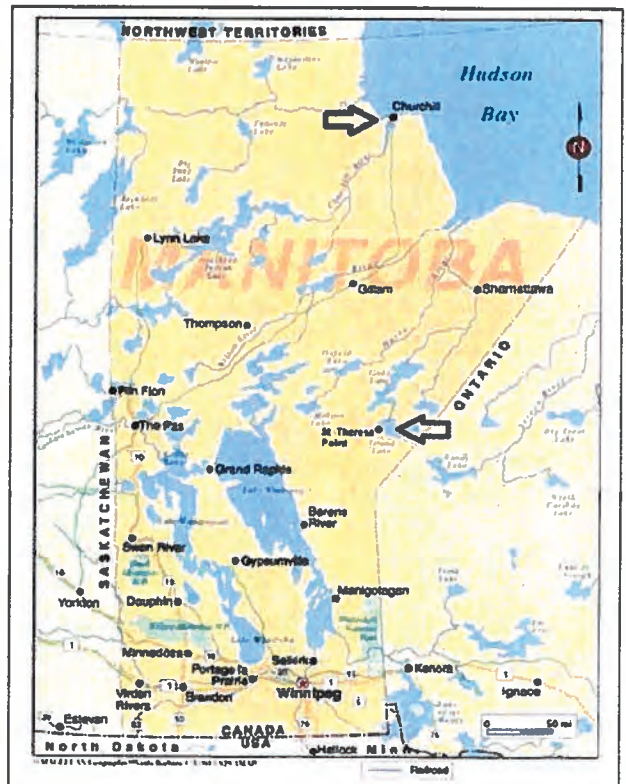
Ron Benson

Churchill

In follow-up a burning unit was also installed in Churchill at the Public Works Garage.



MARRC's financial support for both was \$7,500 for initial capital plus annual operating support of \$2,000 and \$0.08 per litre on the volume throughput.



NORTHERN REMOTE COMMUNITIES – PENETRATION

Meetings on October 6, November 17 and February 8 had taken place with Government personnel, along with representatives from Garden Hill, Wasagamach, Red Sucker Lake and St. Theresa Point to explore economic efficiencies regarding the potential usage of the St. Theresa Point vehicle crushing unit in proximity. Subsequent meetings are continuing to take place, confirming MARRC's burning unit financial support.

(All 4 communities are only accessible by winter road) See map below:



On May 11 – Peguis First Nation – MARRC participated with Randy Webber of Product Care in visiting the Peguis First Nation location to assist them in organizing the landfill site for eventual pick-up by Registered Collectors.

On June 6 – MARRC participated in Thompson at a gathering of First Nations communities to assist them with moving forward in the recycling of various products within their communities.

NORTHERN REMOTE COMMUNITIES – PENETRATION

A fly in with PROs and Government personnel took place with stops at Bloodvein and Berens River. The installation at Bloodvein of two 2,500 litre storage tanks was formalized with MARRC providing financial support in the amount of \$4,000.



Bloodvein



Berens River



Northern Newspapers

- MARRC advertised in 6 editions of the First Nation's Voice Magazine
- Circulation of over 100,000
- MARRC advertised in the Grassroots News which has a readership of 85,000 bi-weekly.



Used Oil & Antifreeze
Recycling:
NORTHERN OPPORTUNITIES!

The Manitoba Association for Resource Recovery Corp. (MARRC) manages the Used Oil & Antifreeze Recycling Programs. **We are very much interested in assisting communities in the north** with recycling their used oil, filters, containers as well as antifreeze and its containers.

Please contact us at 1-888-410-1440 for more information or visit our website at www.usedoilrecycling.com

Mr. Oil Drop

OIL

ANTIFREEZE



NACC Inc.

The Northern Association of Community Councils

MARRC participated for the 8th year in a row in the NACC's 46th Annual Trade Show held in Winnipeg August 16-18

The NACC represents the interests of 52 northern and remote communities under the jurisdiction of aboriginal leaders and northern affairs.

Over 200 delegates from the northern communities federal and provincial affiliates, private sector and non-profit organizations attended

Highlights of 2019

Waste Management Example of Clean-up activities of Used Oil & Antifreeze and other products

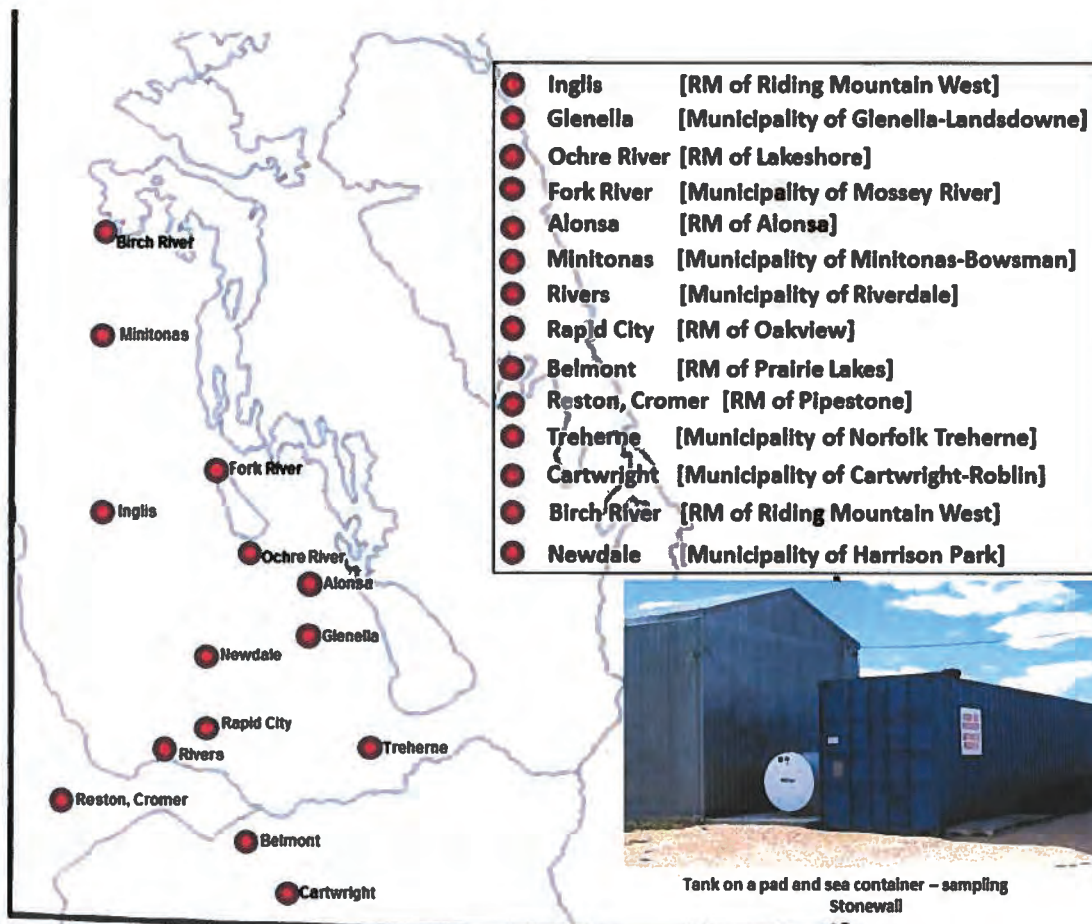


Before



After

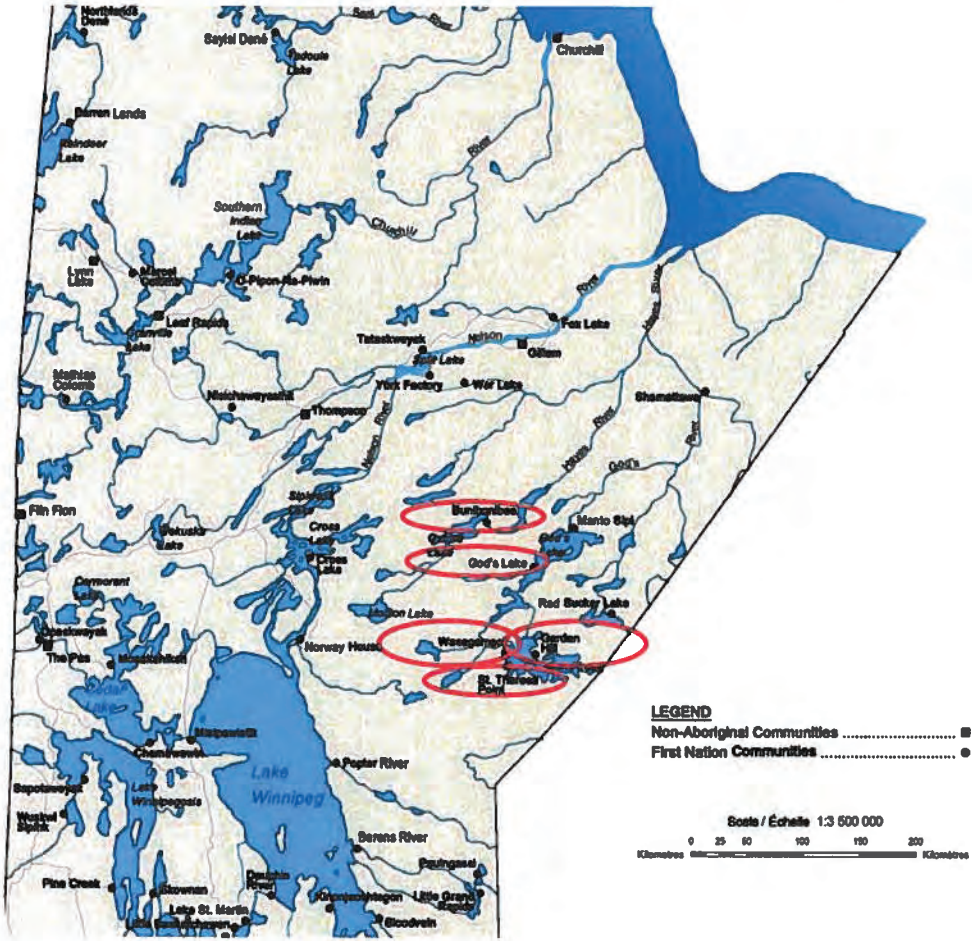
*Further to the Licensed EcoCentre locations shown with the map on page 17,
MARRC will be working with the following
communities to assist them with appropriate compliance.*



Tank on a pad and sea container – sampling
Stonewall

Northern Manitoba Update

1. Winter Road Access – 4 to 6 weeks – 5 Initial Locations



Pallets & Tires shipped to Winnipeg

	Oil	Electronics	Batteries	Tires
St. Theresa Point	1	10	6	1572
Garden Hill	3	0	4	948
Wasagamack	9	1	2	931
God's Lake Narrows	2	0	3	25
Bunibonibee	2	3	1	100
TOTAL	17	14	16	3576

47 Pallets

*Oil Pallets include – 20 litre pails, bags of 4 litre containers & 4 drums
Oil is supplied to the burning unit for heating of the ELV garage*

2. End of Life Vehicles (ELV) Process

Example – St. Theresa Point

– Population 2,900

– EL Vehicles 5,000



– Garage 50' x 60'



Used Oil
Burning Unit
Heating the Garage

- Hoist or Stilts
- For Removing
 - Oil
 - Tires
 - Batteries



– Crushing Unit



– Crushed vehicles for shipment



**Winter Road Project
Related Expenses
MARRC**

2019

September 18 – Perimeter Airlines shipped to St. Theresa Point (STP) 4 drums \$336.57
Purchased from Miller invoiced October 21 \$330.75

September 18 – Ron travelling on Perimeter Airlines to STP \$667.45 re: End of Life Garage
and Burning Unit Inspections

November 6 – Miller Environmental 4 drums \$315.00 to God's Lake Narrows (GLN) by
Perimeter Nov 26 \$361.52.

2020

January 14 Perimeter \$397.67, Miller Environmental 4 drums for GLN \$315.00 along with a
roll of 125 bags + Keller Equipment pump & hose \$496.39

January 14 – Perimeter – Ron travelling to GLN to prepare for winter road shipment to
Winnipeg along with Mark Bilinski of GFL for testing of drums, \$606.88 x 2 = \$1,213.76

January 21 – Dustrial Plastic & Steel 2 bag racks for Bunibonibee and GLN \$283.50, Allied
Pioneer Industries 2 rolls of 125 bags \$305.21 shipped by Perimeter Airlines \$326.84

January 21 – Allied Pioneer invoice for 2 rolls of 125 bags for Wasagamack and Garden Hill
\$318.74

January 30 – Perimeter Airlines to Clayton Harper at Wasagamack and Marvin Little at
Garden Hill a Bag Rack and Roll of 125 Bags \$215.55

February 5 – Miller Environmental 6 drums \$472.50

February 20 – Randy Webber purchased from Acklands Grainger, and reimbursed by MARRC
\$278.66 - 5 heavy duty Bucket Busters for Bunibonibee, GLN, STP, Wasagamack & Garden
Hill, delivered by Randy to Kitpak Fulfillment Centre on Inkster Avenue in Winnipeg for
shipment by Direction North.

February 20 – Miller Environmental 20 drums to Kitpak Fulfillment Centre \$1,627.50 Keller
Equipment Hand Pump and 15' hose for STP \$496.39

March 11 – MEP Brothers – 9 disposable coveralls for STP and 8 pairs to Garden Hill \$288.87

March 12 – Perimeter Airlines – Mike Leullier of Clean Burn Dealer, Inlett Equipment, to STP
for burner units training & Garden Hill for electrical inspection review \$552.81

TOTAL = \$9600.68

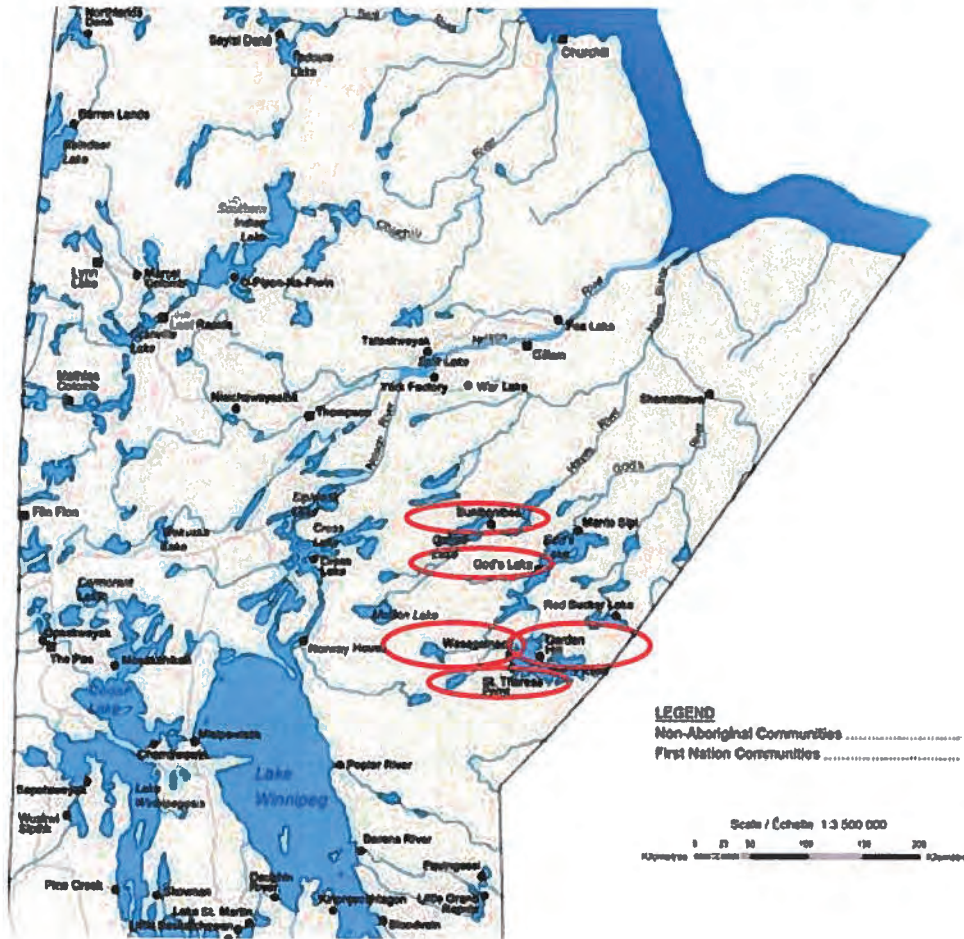
Not included in the above was MARRC's investment portion for the second burning unit in
STP at the ELV garage \$7500.00

MARRC's WINTER ROAD COSTS 2020

	Backhaul	Headhaul	Transport Cost	Cost Recovery	Sub Total	GST	Program Total	Credits
C2R								
CBA								
EPRA								
MARRC	\$ 7,058.48	\$ 4,167.94	\$ 11,226.42	\$ 212.20	\$ 11,438.62	\$ 571.93	\$ 12,010.55	N/A
MMSM								
PC								
Reliable Tire								
TOTAL	\$ 16,960.00	\$ 8,500.00	\$ 25,460.00	\$ 895.35	\$ 26,355.35	\$ 1,317.77	\$ 27,673.12	\$ (940.12)

Northern Manitoba Update

1. Winter Road Access - 4 to 6 weeks - 5 Initial Locations



Shipments to Winnipeg

	Oil (Drums)	Oil Filters (Drums)	Oil Containers Bags	Pails	Electronics (Pallets)	Batteries (Pallets)	Tires
St. Theresa #1							1298
St. Theresa #2							1230
St. Theresa #3	79	2		160			
St. Theresa #4			4		6	6	320
Garden Hill	4					1	100
Wasagamack	10	1	4	160	1	1	568
God's Lake	13		2			2	114
Bunibonibee					1		285
TOTALS	106	3	10	320	8	10	3915

STEWARDSHIP MATERIAL REMOVED FROM NORTHERN AND REMOTE FIRST NATION COMMUNITIES

FEBRUARY – MARCH 2021

	Oil (drums)	Oil Filters (drums)	Oil Containers (bags)	Oil Containers (pails)	Electronics (pallets)	Batteries (pallets)	Tires	HHW (paint)
St. Theresa Point #1	-	-	-	-	-	-	1,298	-
St. Theresa Point #2	-	-	-	-	-	-	1,230	-
St. Theresa Point #3	79	2	-	160	-	-	-	-
St. Theresa Point #4	-	-	4	-	6	6	320	-
Garden Hill	4	-	-	-	-	1	100	-
Wasagamack	10	1	8	160	1	1	568	-
God's Lake	13	-	2	-	-	2	114	-
Bunibonibee	-	-	-	-	1	-	285	177
Totals	106	3	14	320	8	10	3915	177

** Covid prevented significant collection activities for Garden Hill FN in 2020

*** Covid prevented material from being packaged and loaded in God's Lake FN in 2020

**** Used Oil collected in Bunibonibee Cree Nation is being stored for use in Clean Burn Used Oil Burning Unit

Three new communities were added in 2021 for scheduled pick-ups in 2022 as shown in the top left on the map: Barren Lands First Nation (Brochet), North Lands First Nation (Lac Brochet) and Sayisi Dene First Nation (Tadoule Lake).

31 pallets of supplies were delivered to the 8 communities. Supplies included: drums, shrink wrap, strapping tools and supplies, safety gear (e.g., gloves, eye protection goggles, aprons, splash suits, N95 masks, fire extinguisher, & absorbent for spills).

MARCC partnered with several other PROs (Producer Responsible Organizations) with the goal of removing as much Stewardship material from the north as possible while sharing in transport costs at the same time.

NORTHERN MANITOBA

WINTER ROAD ACCESS - 4 TO 6 WEEKS - 5 INITIAL LOCATIONS



Starting a Recycling Program

A Toolkit for Manitoba First Nations and Northern Communities



Reduce ⇨ Reuse ⇨ Recycle ⇨ Recover

Manitoba's Used Oil & Antifreeze Recycling Program

Who to contact:

Aaron Strub

Telephone: (204) 632-5255 | Toll free: 1-888-410-1440

Fax: (204) 633-9380 | Email: marrc@mvmnts.net

Website: www.UsedOilRecyclingMB.com

Do we need to register to set up a collection depot?

Yes, you need to register your community to become a licenced, approved site for a depot to collect used oil and antifreeze, used oil filters, and used oil and antifreeze containers.

Is there financial assistance available?

Manitoba's Used Oil & Antifreeze Recycling Program will share in the cost of setting up and operating the depot. They will:

- Fund one half (50%) of the capital investment to a maximum of (8000 x 50%) \$4,000. (Total estimated cost for a 2,000 litre tank and used sea container is \$8,000.)
- Provide operating support based on an approved budget to a maximum of \$2,000 for items such as insurance, advertising and supplies.
- Provide a 10% return on the community's initial capital investment each year for 10 years to a maximum of \$400 per year.
- Cover the costs of training which will require 1 day to complete at a central location.
- Provide educational and promotional material for the owner/operator in the form of newsletters and brochures.

For those communities interested in purchasing a Used Oil Burning Unit, Manitoba's Used Oil & Antifreeze Recycling Program will support the capital investment to a maximum of (\$15,000 x 50%) \$7,500. They will also pay \$0.08 per litre on the throughput volume of the used oil annually.

E4.
USED OIL &
ANTIFREEZE,
CONTAINERS
& OIL
FILTERS



Manitoba's Used Oil & Antifreeze Recycling Program

What is the community responsible for?

The depot owner/operator is responsible for:

- Ensuring the site is licenced and approved
- Using a double-walled ULC licenced storage tank (ULC - Underwriters' Laboratories of Canada)
- Placing storage tank on a pad along with some sort of coverage to protect against the weather
- Arranging the storage area to receive filters in a drum and containers in a bag
- Collecting all 4 streams:
 - used oil
 - used antifreeze
 - used oil filters
 - used oil and antifreeze containers
- Staffing the facility
- Record keeping
- Insurance

What special training is required to operate the depot?

The operating licence from Manitoba Conservation requires the depot staff to be effectively trained in procedures regarding the operation of the collection facility. Staff will also need to be certified under the Transportation of Dangerous Goods Regulation.

Other helpful contacts:

Manitoba Sustainable Development - Licensing:

Raj Rathamano

Telephone: (204) 945-7086

Used Oil Tank:

The Tank Shop

Telephone: (506) 727-0955

Website: www.thetankshop.ca

Sea container for indoor storage:

ADM Storage

Telephone: (204) 284-4900

Website: www.admstorage.com

E4.

USED OIL &
ANTIFREEZE,
CONTAINERS
& OIL
FILTERS



Setting up collection and shipping of used oil and antifreeze is important to start as only one litre of used oil is enough to contaminate one million litres of groundwater. Setting up a system to manage used oil in your community is a bit complex, but the **Manitoba Association of Resource Recycling Corp. (MARRC)** is committed to helping you through every step along the way.

MARRC supports collection and recycling of:

- Used oil from any internal combustion engine
- Used oil filters
- Oil containers (1L, 4L, and 20L pails)
- Used antifreeze
- Used antifreeze containers
- Diesel exhaust fluid (DEF) containers

Once you are set to collect and ship all of these items, an approved processor will remove the waste from your community for free and MARRC will pay a rebate for the items removed and some of the labour required to collect the materials. Your community also has the option of working with MARRC to set up a used oil burner to heat a building.

1. REGISTRATION

Once your community decides it wants to collect used oil and antifreeze, you should **contact MARRC and the environment department at Indigenous Services Canada** to get assistance with the registration process. You will have to fill out "Environmental Review - Project Form" with an Environment Officer at Indigenous Services Canada and register as a generator of hazardous waste with the province.

Before starting to collect, store or burn any used oil, there are a number of **important federal and provincial regulations to be sure you are following** to keep yourself and the environment safe.

Collection sites for used oil located on provincial land must meet the Manitoba Regulation 195/2015 Hazardous Waste Regulation: https://web2.gov.mb.ca/laws/regs/current/_pdf-regs.php?reg=195/2015

Used Oil storage tanks must meet the Manitoba Regulation 19/2011 Storage and Handling of Petroleum Products and Allied Products Regulations:
https://web2.gov.mb.ca/laws/regs/current/_pdf-regs.php?reg=188/2001

Sites on provincial land where used oil burning units are installed must comply with the two regulations above as well as applicable Fire/Building Code requirements:
<https://laws-lois.justice.gc.ca/PDF/SOR-2008-197.pdf>

Collection sites that include used oil storage and/or used oil burning units located on First Nations land must meet Federal Storage Tank Systems for Petroleum and Allied Petroleum Products Regulations (SOR/2008-197) and as a best management practice meet MR 195/2015.

2. COLLECTION & TRAINING

Used oil and associated products are not acceptable for “curbside” residential collection and, as a best management practice, should be delivered to a collection site by individuals. Offering a drop-off day at a central location in the community can also work really well for collecting used oil.

On average, a community of 1,000 people will generate:

- 1000L of used oil per year
- 250L of used antifreeze
- 750 - 1000 used oil filters
- Used oil containers (1L: 150-200, 4L: 40-50, 20L: 90)
- 60 4L antifreeze containers
- 16 9L DEF containers

Program specific training is provided by MARRC: “Operator Training – Eco- Centre Procedures”. The training includes basic instruction on managing used oil products during storage and for shipment including required TDG training. You can find a link to MARRC’s manual for collectors here: <https://usedoilrecyclingmb.com/collectors/>

Additional training is available through MARRC when used oil is intended for use in a burning unit. The training includes basic instruction on managing a burning unit including storage of used oil and required TDG training.

3. STORAGE & EQUIPMENT

Used oil must be stored in an approved storage tank system in accordance with regulations and best management practice. Heated storage is not required.

If used oil is intended for use in a burning unit the storage of the used oil and the burning unit must meet applicable regulations. Contact MARRC for detailed requirements.

Used oil filters and used anti-freeze are stored in 205 litre steel drums. Drums must meet MR 195/2015 and TDG requirements. Storage must be weather protected, but does not need to be heated. Drums should be stored on pallets. The operator must supply the drums and pallets. Drums may be purchased at an industrial container supply company such as Great West Containers.

Used oil, anti-freeze and DEF containers should be stored in plastic bags supplied by MARRC. A bag hoop is used to aid filling the bags and is supplied by MARRC. Storage must be weather protected, but does not need to be heated.

Regulation requires the storage area include signage clearly indicating hazardous waste is being stored at the location. In addition, operators should consider signs advertising that used oil and used oil products are being collected at that location.

Other necessary supplies include:

- A pallet jack, forklift or skid steer to move and load pallets onto truck
- A drum dolly where pallets are not used
- Appropriate TDG labels for storage and transport supplied by MARRC
- A spill kit containing absorbent. Spill kits may be purchased at any industrial safety supply company.

4. TRANSPORT & REMOVAL

When you are ready to transport your used oil/antifreeze you can find a list of processors to contact here: <https://usedoilrecyclingmb.com/used-oil-and-antifreeze-processors/>

Contact MARRC if you have any questions about which processors to contact. Two commonly used transporters/processors in Manitoba are Green for Life and Notre Dame Used Oil.

Used oil and used oil filters must be shipped as hazardous waste in accordance with Transportation of Dangerous Goods, the Dangerous Goods Handling and Transportation Act, and MARRC requirements.

Used oil containers, anti-freeze, anti-freeze containers and DEF containers should be shipped in accordance with MARRC requirements.

Operators should contact MARRC to ensure they are meeting all requirements before removing products from a community.

5. RECORD KEEPING

- 1) The operator must inspect the storage area every 30 days and keep inspection records for a minimum of 2 years. (MR 195/2015)
- 2) When hazardous waste is shipped from a community a movement document/manifest must accompany each load. The waste generator is responsible for ensuring the manifest is present during transport. Manifest records should be kept for 2 years. (TDG)
- 3) Oil dispensed into the tank should be tracked, both the delivery date and volume of oil.
- 4) MARRC requires records of used oil diversion amounts. Details are provided during their operator training program.
- 5) MARRC requires a yearly cost summary invoice from the community each year to reimburse for staff time, tools/supplies purchased, insurance, and advertising needed to manage your used oil/antifreeze recycling program.

An excellent summary of Transport Canada's requirements for Transportation of Dangerous Goods (TDG) with shipping documents that you can print if needed can be found here:

https://tc.canada.ca/sites/default/files/2020-07/TDG_BULLETIN_-_SHIPPING_DOCUMENT_-_PDF_EN.pdf

Your community is considered the consignor (shipper) so when you fill out and/or sign a shipping manifest you are certifying the dangerous goods have been properly classified, packaged and labelled with safety marks according to the TDG Regulations.

6. INSURANCE REQUIREMENTS

Used Oil Collection Depots in Manitoba with used oil tanks under 5,000 litres do not have to be licensed thereby also eliminating the requirement for insurance. However, most communities with existing depots already cover the facilities under their blanket General Insurance.

MARRC requires the communities in which they are financially involved to be covered by insurance. They do not need to be named on the certificate of insurance.

Any new Used Oil Collection Depots that come on board are often organized in concert with setting up a Household Hazardous Waste (HHW) collection depot through Product Care at the same site. HHW sites are required to have a license and MARRC can be included on that license as well, which includes insurance requirements.

7. CONTACT INFORMATION

Manitoba Association for Resource Recovery Corp. (MARRC)

Telephone: 204-632-5255 | 1-888-410-1440

Fax: 204-633-9380

Email: marrc@mts.net

USED OIL, ANTIFREEZE & CONTAINERS - ST. THERESA POINT FIRST NATION

In 2020, St. Theresa Point First Nation partnered with MARRC to install their second used oil burner in the community in the vehicle recycling and repair garage. (The first burner is in the building housing the fire truck.)

This used oil will be used to heat the building, eliminating the need to transport it out of the community.



Used Oil & Antifreeze Recycling:

NORTHERN OPPORTUNITIES!



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Summary of Back Haul Project – March 2021

Head Haul and Back Haul

See the attached table for summary of head haul and back haul activities for the full 2020/21 Project. In brief summary, a total 6 loads of material were removed from 3 communities as part of the formal back haul project. In addition, several tote bags of residential recycling was removed from Northlands and / or Barren Lands. Confirmation of the amount and source community is pending as this work was completed by others.

A few photos are included below to illustrate the loading and unloading.



Unloading Bags of Oil Jugs with
Electronics Pallet in background



BBQ Cylinders



Used Oil Drums (photo credit
Jean Dizengremel)



Loading at St. Theresa Point
(photo credit Delphus Harper)



Unloading Truck
(photo credit Eric Lavolette)



Loading in Wasagamack
(photo credit Clayton Harper)

Supplies were sent to 6 of 8 communities via winter road. Unfortunately supplies to 2 communities could not be delivered by truck. Arrangement has been made through the MARRC program to deliver remaining supplies via air.



Supplies were packed into boxes and as many as possible further packed into open head drums for delivery

Diversion during Construction/Renovation/Demolition Projects

In communication with Indigenous Services Canada this past month, a list of stewardship products that might be found during the construction, renovation or demolition of buildings in First Nation Communities has been provided (see attached). ISC is looking to revise their process and information requirements, which involve these activities. The list will be provided to the ISC Capital Services Unit for inclusion in their funding processing and the environmental review process.

Key programs affected by this are HRAI, Call2Recycle and PCA. The intent is to ensure any contractor working on construction, renovation or demolition projects in First Nation Communities is responsible for proper management of any stewardship material generated during their activities. Because a significant portion of capital projects are contracted through ISC, this is an opportunity to capture these material streams and ensure they are diverted from landfill disposal and are properly managed. Effected PRO's are encouraged to review the list and reach out to ISC with any comments.

Communication

Communication with various stakeholders including: the Community contacts, Direction North, Tervita, Indigenous Services Canada, consultants engaged in infrastructure development in the Community's and the PRO's remains good. It cannot be overstated how important frequent and effective communication was to this years project, particularly the lead up and operation of the winter roads.

Training

An initiative related to backhaul involves delivery of pilot hazard awareness training to the 8 communities involved in the Back Haul Project. Called Safety First, the training covers some basic hazard awareness and safety training for workers involved in 4R Facility and End of Life Vehicle operations. Content has been developed by Bart Taylor of HAZ Matters Emergency Management and funded through the Manitoba Environmental Industry Association with in kind support from ISC. The training material will be delivered remotely and consists of a

series of presentations on portable media, as well as supplemental printed material, and sent to each community by Canada Post. Follow up meetings to obtain feedback will inform necessary edits and next steps.

Next Steps

Several key lessons can be offered from this years project:

- Communication and trust remain key components of project delivery
- Head haul and back haul need to be better coordinated and organized
- Storage in communities is key to safe and timely loading of material. Building loads just before trucks arrive is unsafe and inefficient
- Preparation of head haul supplies and receipt of back haul loads at a central location improves efficiency

It is recommended a series of debriefings take place to evaluate the 2020/21 Back Haul Project. With continuous improvement goals in mind all stakeholders should be queried for what worked/did not work over the past year.

Prepared
April 7, 2021
Randy Webber

**Stewardship Material Removed from Northern and Remote First Nation Communities
And Supplies Provided
February – March 2021**

	Oil (drums)	Oil Filters (drums)	Oil/DEF Containers	Electronics (pallets)	Lead Acid Batteries (pallets)	Tires	HHW (paint)	Fluorescent Lights (boxes)	Residential Recycling (bags)	Household Batteries
St. Theresa Point #1	0	0	0	0	0	1,298		0	0	
St. Theresa Point #2	0	0	0	0	0	1,230		0	0	
St. Theresa Point #3	79	2	160 20 litre pails			0				
St. Theresa Point #4	0	0	4 bags of 4 litre jugs	6	6	320		0*	4 bags + 4 bags non stewardship plastic containers	
Garden Hill	**	0	0	0	1	100		0	0	
Wasagamack	10	1	4 super bags of 4 litre jugs 160 20 litre pails	1	1	568		0	0	
God's Lake	***	***	***	0	***	***		0	***	***
Bunibonibee	****	0	0	****	0	123 ****	177 20 litre pails	0	0	
Totals	89 drums	3 drums	10 bags of 4 litre jugs + 320 20 litre pails	7 pallets	8 pallets	3639 tires	177 pails	0	4*****	0

* 4 boxes of fluorescent bulbs were collected but not shipped due to concerns for breakage during transport

** Covid prevented significant collection activities for Garden Hill FN in 2020

*** Covid prevented material from being packaged and loaded in God's Lake FN in 2020. Inventory of collected material include: 1 box of household batteries, 2 tote bags of residential recycling, 2 bags or used oil containers, 1 pallet of used oil pails, 13 drums of used oil, 2 pallets of lead acid batteries and approximately 115 scrap tires.

**** Used Oil collected in Bunibonibee Cree Nation is being stored for use in Clean Burn Used Oil Burning Unit. One pallet of electronics and over 100 scrap tires could not be removed due to limitations in loading time.

***** total does not include tote bags removed by others from Barren Lands and / or Northlands FN's. Three new communities were added in 2020: Barren Lands First Nation (Brochet), North Lands First Nation (Lac Brochet) and Sayisi Dene First Nation (Tadoule Lake).

26 Pallets of supplies were delivered to the 6 communities via winter road. An additional 5 pallets could not be scheduled for road delivery and have been staged for shipment by air. Supplies included: drums, shrink wrap, strapping tools and supplies, safety gear (e.g., gloves, eye protection) and spill clean up supplies.

Non-Stewardship Cooperation

In a cooperative gesture, 3 pallets of non-stewardship supplies were picked up in Winnipeg and delivered to Wasagamack First Nation. Direction North billed Wasagamack directly.

In a cooperative gesture, 16 scrap washing machines were removed from BCN. The scrap value was deducted from the share of back haul costs charged to the Community.

	Used Oil	Used Oil Filters	Used Oil Containers	Electronics	Lead Acid Batteries	Scrap Tires	HHW	Fluorescent Lights	Residential Recycling	Household Batteries	Non Stewardship Appliances and White Goods	Non Stewardship Compressed Gas Cylinders	Non Stewardship Plastic
Barren Lands	N/A 2021	N/A 2021	N/A 2021	N/A 2021	N/A 2021	53 Stockpiled in community	N/A 2021	N/A 2021	1 tote bag + stockpile in community	N/A 2021	Stockpile in community	N/A 2021	N/A 2021
Bunibonibee	0	0	0	1	0	123	231, 20 litre paint pails	0	0	0	16 washing machines + stockpile in community	0	0
Garden Hill	4 stockpiled in community	0	0	0	1	100 stockpiled in community	0	0	0	0	0	0	0
God's Lake	13 stockpiled in community	0	35 bags stockpiled in community	0	2	115 stockpiled in community	0	0	2 tote bags stockpiled in community	1 box stockpiled in community	Stockpile in community	0	0
Northlands	N/A 2021	Some stockpiled in community	Some stockpiled in community	2-3 pallets stockpiled in community	1 pallet stockpiled in community	110 Stockpiled in community	Some HHW stockpiled in community	N/A 2021	1 tote bag + stockpile in community	N/A 2021	N/A 2021	N/A 2021	N/A 2021
Sayisi Dene	N/A 2021	N/A 2021	N/A 2021	N/A 2021	N/A 2021	N/A 2021	N/A 2021	N/A 2021	Stockpile in community	N/A 2021	N/A 2021	N/A 2021	N/A 2021
St. Theresa Point (4 truck loads)	79 drums	2 drums	160 pails + 4 bags of 4 litre jugs	6	6	2848	1 drum camp stove propane	4 boxes	1 tote bag	0	0	96 BBQ and 36, 4 foot Cylinders	3 tote bags of plastic jugs (road dust chemical)
Wasagamack	10	1 drum	4 super bags of 4 litre jugs and 160, 20 litre pails	1	1	568	1 drum aerosol containers	0	0	0	0	0	0
Totals of Material Removed in 2021	89 drums	3 drums	10 bags of 4 litre jugs + 320, 20 litre pails	7 pallets	8 pallets	3639 tires	231, 20 litre pails	0	3 tote bags	0	16 washing machines	132 cylinders	3 tote bags

Boxes highlighted in Yellow indicate material that is stockpiled in the community but was not removed during the 2021 back haul.

Reasons for material not being removed include: New to Back Haul Program (Barrenland, North Land, Sayisi), Covid Restrictions (God's Lake), insufficient material to justify a truck (Garden Hill), not enough time to load the truck (Bunibonibee) and not enough room on the truck to take all stockpiled material (St. Theresa Point and Wasagamack)

The Backhaul Project
Summary Report for the Removal of Stewardship and Non-Stewardship
Material from Northern Manitoba Remote First Nation Communities

August 2022



2022 Mixed Load Backhaul Truck

Producer Responsibility Organization (PRO) Group:

- Canadian Battery Association
- Call2Recycle
- Electronic Products Recycling Association
- Heating Refrigeration and Air Conditioning Institute of Canada
- Health Products Stewardship Association
- Manitoba Association for Resource Recovery Corp.
- Multi-Material Stewardship Manitoba Inc.
- Product Care Association of Canada
- Recycle My Cell
- Tire Stewardship Manitoba

Acknowledgements

The author would like to thank the First Nation Communities Barren Lands First Nation, Bunibonibee Cree Nation, Northlands Denesuline First Nation, Sayisi Dene First Nation, St. Theresa Point First Nation, and Wasagamack First Nation and in particular the front-line community waste diversion staff without whose hard work and dedication the backhaul could not have happened.

The author would also like to acknowledge key assistance provided by staff at Indigenous Services Canada for important feedback throughout the project.

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Disclaimer

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Executive Summary

From May 2021 to April 2022 Producer Responsibility Organizations (PRO's) operating in Manitoba continued to sponsor the Backhaul Project aimed at removing stewardship material from participating remote First Nation Communities. The communities involved in the 2021/22 project included: Barren Lands First Nation, Bunibonibee Cree Nation, Nation, Northlands Denesuline First Nation, Sayisi Dene First Nation, St. Theresa Point First Nation, and Wasagamack First Nation. God's Lake First Nation and Garden Hill First Nation did not participate in the 2021/22 backhaul. Contact was established with Manto Sipi Cree Nation and Pauingassi First Nation as these communities are in the process of upgrading waste management/diversion infrastructure.

PRO's included: Canadian Battery Association, Call2Recycle, Electronic Products Recycling Association, Heating Refrigeration and Air Conditioning Institute of Canada, Health Products Stewardship Association, Manitoba Association for Resource Recovery Corp., Multi-Material Stewardship Manitoba Inc., Product Care Association of Canada, Recycle My Cell and Tire Stewardship Manitoba.

Staff in the communities worked to collect, sort, pack, and stage for transport stewardship material. In addition, some non-stewardship materials (non-ODS/GHG containing scrap appliances, tire rims and non-stewardship cardboard) were also collected, sorted, packed, and staged.

In total, 14 semi-trailer loads of material were removed from 4 communities comprising approximately 92,350 kg of non-stewardship and stewardship material representing material from 6 of the 10 PRO groups. Staged material in 2 community's was not removed due to COVID, weather or lack of appropriate backhaul trucks to transport the material.

Supplies to enhance material packing and storage capabilities were delivered to the six communities. Through 2021/22 three additional used oil burning units were installed (Wasagamack is fully certified with Bunibonibee and Garden Hill having units installed but not certified). Work continued to have burning units installed in 3 communities (Barren Lands, Northlands and Sayisi). COVID travel bans and locating certified installers and electricians proved to be a considerable challenge.

Cold weather and heavy snow accumulation hampered access to staged materials for removal. In several cases material was not accessible due to it being buried in snow reducing the amount of material to load on the truck. Cold weather created challenges with operating equipment. Lack of equipment (e.g., lights to safely load at night or access to loading equipment) hampered loading and reduced the amount of material that could be loaded on some trucks.

COVID continued to present challenges at every step of the backhaul process. Every community experienced one or more lock down and/or had travel restrictions. Many

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community contacts or family members had COVID limiting ability to work at key times.

Important lessons learned by all stakeholders will help enhance material diversion and removal efforts in the future.

Key Outcomes

- A program delivery model that considers the full cycle of new products being procured and transported into communities, backhaul of diverted material out of communities on the same trucks and receiving and processing the material in Winnipeg has been defined.
- The detailed costs for the delivery model have been identified and areas for efficiencies continue to be refined.
- The need to support community waste diversion worker's, including training, proper equipment to safely do their jobs, and supplies to safely pack the material has been reinforced. Ideally this would involve periodic community visits to advise and train workers as well as provision of proper equipment and supplies.
- The need for communities to have adequate budgets to support worker wages, training, consumable supplies and costs for transport and handling of non-stewardship material has been reinforced.
- The cost/benefit of including all diverted material including stewardship and non-stewardship in backhaul transport trucks has been defined.
- There is a need for infrastructure and equipment to store diverted material and safely load it onto backhaul trucks including weather protected areas for material storage, loading equipment, for example, loaders with forks, skid steer with forks, pallet jacks, lights for loading at night.
- Collaboration among all stakeholders is essential.



Tote Bags with Loose Packed Aluminum and Plastic Beverage Containers

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The Backhaul Project
Summary Report for the Removal of Stewardship and Non-Stewardship
Material from Northern Manitoba Remote First Nation Communities

OVERVIEW

From May 2021 to April 2022 the Backhaul Project (the project) worked with six Northern Manitoba Remote First Nation Communities (communities) for the Removal of Stewardship and Non-Stewardship Material (material). The material had been diverted from landfill disposal or collected during community clean-up projects including projects to address accumulations of derelict vehicles or scrap appliances.

The communities that participated in the Project in 2021/22 are: Barren Lands First Nation, Bunibonibee Cree Nation, Northlands Denesuline First Nation, Sayisi Dene First Nation, St. Theresa Point First Nation, and Wasagamack First Nation. Several communities including Manto Sipi Cree Nation, God's Lake First Nation, Garden Hill First Nation, and Pauingassi First Nation were in contact with the project coordinator but did not participate in the backhaul this year.

In Manitoba, Producer Responsibility Organizations (PRO's) have been established to operate programs that manage designated material that is diverted from landfill disposal. Ten PRO's took part in the project: Canadian Battery Association, Call2Recycle, Electronic Products Recycling Association, Health Products Stewardship Association, Heating Refrigeration and Air Conditioning Institute of Canada, Manitoba Association for Resource Recovery Corp., Multi-Materials Stewardship Manitoba Inc., Recycle My Cell, Product Care Recycling and Tire Stewardship Manitoba.

The 2021/22 project represents the 3rd full year of backhauling material from remote communities. The project continues to be learning process for all stakeholders. Key to any success is a collaborative approach to safely collect, package, store, stage and remove material from the communities and transport it to processing facilities in Winnipeg.

The overarching goal of the project is to develop a model to efficiently remove stewardship and non-stewardship material from remote communities during the winter road season. To accomplish the goal, the project coordinator worked with communities deemed most ready due to local efforts to divert recyclable material from landfill disposal or work on reducing End of Life Vehicle (ELV) stockpiles.

Material Removal

Material was removed from 4 communities in 2022 – Bunibonibee Cree Nation, Wasagamack First Nation, St. Theresa Point First Nation, and Barren Lands First Nation. Challenges in finding proper backhaul trucks prevented staged material

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from being removed from Sayisi Dene First Nation and Northlands Denesuline First Nation.

With expansion of Backhaul to the three new north-west communities (North Lands, Barrenlands, and Sayisi) a new transporter was engaged in 2022, Dubra Transport. Direction North continued to support backhaul and serviced the north-east communities (Bunibonibee, St. Theresa Point and Wasagamack). Key to engaging Dubra facilitating approval for a Hazardous Waste Transporter License and ensuring communicating the load plans. A third transporter, G&C Payne, was hired to remove the commercial cardboard from Bunibonibee.

The project entered a more formal arrangement with Secure to act as the receiving facility for all mixed loads. One load of 100% tires and one load of 100% commercial cardboard were sent directly to processors but all other loads were mixed and were unloaded at the Secure facility where material was sorted and either transported to processors or collected by processors.

Significant data on handling costs and logistics was compiled by Secure. These data will help the project identify future efficiencies and handling procedures.

Fourteen semi-trailer loads of material totaling approximately 92,350 kilograms were removed during the 2022 winter road season. Stewardship materials included scrap tires, electronics, waste paint, residential cardboard, aluminum and plastic beverage containers, lead acid batteries, fluorescent lights, used oil, used oil filters, empty oil containers, and aerosol containers. Non-stewardship material included commercial cardboard, steel tire rims, scrap appliances (stoves, driers, washers, hot water tanks), and aluminum. Details of the material and contents of each load are illustrated in Table 1.



Waste Latex Paint Pallet



Electronics Pallet

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Pallets of Lead Acid Batteries and Used Oil Drums (Photo Eric Lavolette)



Baled Household Cardboard, Aluminum and Plastic Beverage Containers (Photo Eric Lavolette)



Fluorescent Light Boxes (Photo Eric Lavolette)

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The community of Oxford House (Bunibonibee Cree Nation) began accepting commercial cardboard from the local Northern Store in 2021. This material was collected and loosely stored in large tote bags prior to being baled in the community's new recycling building. Working in cooperation the project, BCN operators and Northern Store arranged to have 29 bales of cardboard removed to a processing facility in Winnipeg. In addition, BCN operators working in collaboration with Thompson Recycling Centre, removed a quantity of loose packed totes of cardboard to Thompson. This collaboration marks an important milestone and could lead to future collaboration with Northern Store's across all northern communities.



Baled Cardboard and Plastic in Bunibonibee (Photo Tommy Weenusk)

Work continued to have burning units installed in 3 communities (Barren Lands, Northlands and Sayisi). COVID travel bans and locating certified installers and electricians proved to be a considerable challenge. Units in Bunibonibee, Garden Hill and Wasagamack are now installed but only Wasagamack has been fully certified. Operator training is also required in these communities.



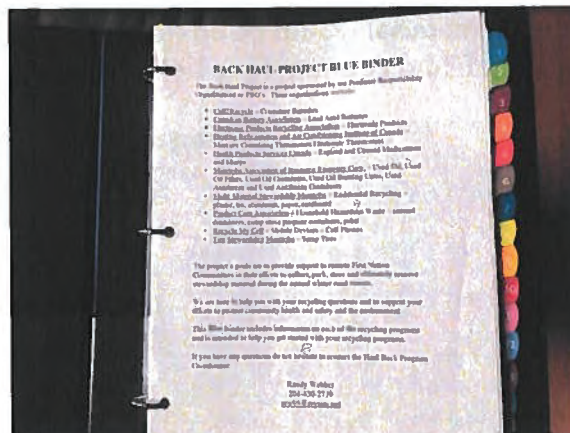
Oil Burning Unit Installation in Bunibonibee (Photo Tommy Weenusk)

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The project was unable to accommodate removal of material from all PRO programs for several reasons:

- For Health Products, there is a separate system in place to manage material designated under this program. Specific information on Health Products was provided to aid in the proper management of this material in the communities.
- For Call2Recycle and Recycle My Cell, the intent was to set up collection in schools and band offices. This was not possible due to COVID where schools and band offices were closed through much of 2021/22.
- For the thermostat collection program and non-stewardship HHW, Indigenous Services Canada has now included specific language in construction, renovation, and demolition contracts to place onus on contractors to manage this material generated in all Manitoba First Nation communities.

Information on all programs was made available to community contacts through the “Blue Binder”. Specific requests to the Coordinator regarding various recycling/waste diversion issues were fielded throughout the year. Efforts to build on project successes will increase the capacity for communities to include all programs in the future.

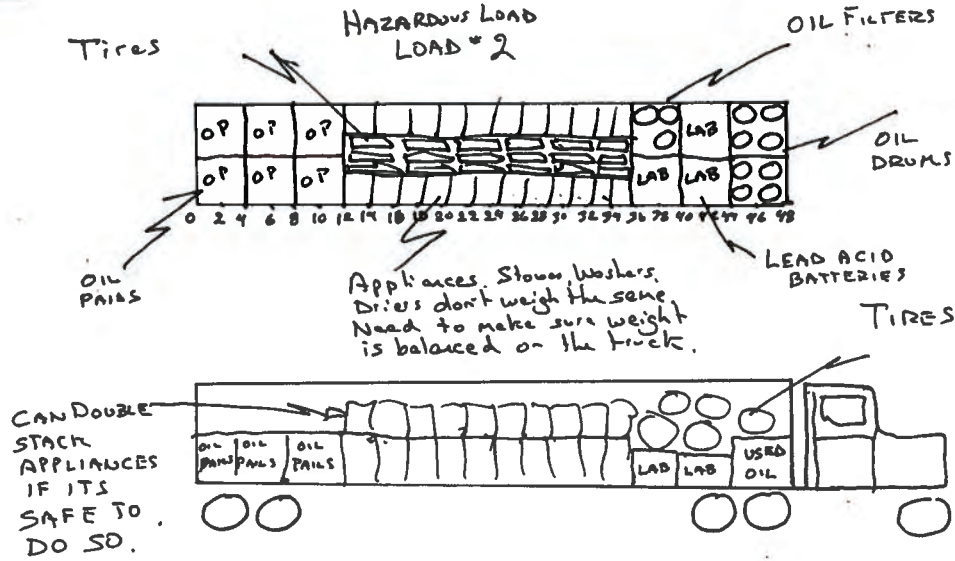


Blue Binder

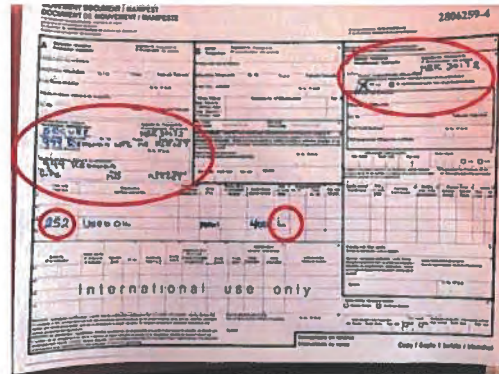
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Load Plans and Shipping Documents

A key community support component is preparing load plans and assisting with documentation.



Load plans help ensure community workers pack Trucks as full as possible and are the Basis for Shipping Document Preparation. The load plans were shared with the truckers so they knew what material would be on their vehicles and were used by Secure to plan for proper staff and equipment to handle material during unloading.



Draft Shipping Documents Were Prepared in Community and Texted to the Coordinator for Review and Comment

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Safety Marks and Generic Shipping Documents Were Prepared by the Coordinator and Mailed to Each Community

Regulatory Liaison

Ensuring communities and transporters are compliant with regulatory requirements for hazardous waste is ongoing. Key activities in 2022 included helping to register new communities as Hazardous Waste Generators and working with the Dubra to become fully licensed as a Hazardous Waste Transporter. Assistance was also provided to liaise with Manitoba Environment, Climate and Parks and Direction North to obtain permission to park a vehicle laden with Hazardous Waste at their compound when Secure was closed, a requirement of their transport license.

Manitoba 
Environment, Climate and Parks
Environmental Compliance & Enforcement Branch
Hazardous Waste Program
1007 Century St
Winnipeg MB R3H 0W4
T 204-945-7086 F 204-948-2338

February 07, 2022

Dear hazardous waste generator:

Re: Acknowledgement of Receipt of Hazardous Waste Generator Registration Form

This document will acknowledge receipt of the hazardous waste generator registration form submitted to Manitoba Environment, Climate and Parks by the following waste consignor (generator):

Supplies

Supplies were sent to the 6 communities on the 2022 winter road. Supplies included steel 205 litre drums for packing used oil, used oil filters, aerosol containers and camp stove propane containers, tote bags for household recycling, packing supplies for lead acid batteries and electronics and safety supplies.

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Supplies – Drums for Used Oil, Oil Filters, Aerosol and Camp Stove Propane Containers and Tote Bags for Household Recycling

In-community collection, storage, staging challenges

Challenges in the collection storage and staging of material exist in every community. Issues include lack of collection equipment, lack of secure storage space and loading equipment.

Cold and snow also contributed to challenges in having material staged for the backhaul trucks. In some cases, material was buried in deep snow and inaccessible. Cold weather contributed to equipment breakdown.

COVID continued to impact the collection, storage and staging of material. Throughout this year's project, every community experienced one or more lockdown, including some that had staff who contracted the virus.

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Staged Material in Barren Lands First Nation (Photo Armand Halkatt)

Key Outcomes

Beyond the actual removal of material, key outcomes include:

- **A program delivery model that considers the transportation cycle of products being procured and transported into the communities, backhaul of diverted material out of the communities on these trucks and receiving and processing the material in Winnipeg has been defined. Coordinating trucks delivering supplies with trucks backhauling material will be increasingly important to maximize efficiencies and effectiveness of backhaul.**
- **The costs for the backhaul portion of the delivery model have been identified and areas for efficiencies continue to be refined.**
- **There is a continued need to support community waste diversion worker's, including training, proper equipment to safely do their jobs, and supplies to safely pack the material. Ideally this would involve periodic community visits to advise and train workers.**
- **There is a need for communities to have adequate budgets to support worker wages, training, consumable supplies and costs for transport and handling of non-stewardship material.**
- **The cost/benefit of including all diverted material including stewardship and non-stewardship in backhaul transport trucks can now be better defined.**
- **There is a need for infrastructure and equipment to store diverted material and safely load it onto backhaul trucks including weather protected areas for material storage, and loading equipment (for example, loaders with forks, skid steer with forks, pallet jacks, lights for loading at night).**

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Conclusion

In the 2022 backhaul a total of 14 semi-trailer loads of material were removed from 4 communities comprising approximately 92,350 kg of stewardship and non-stewardship material representing material from 6 of the 10 PRO groups. Staged material in 2 community's was not removed due to COVID, weather or lack of appropriate backhaul trucks to transport the material.

For the first time significant amounts of non-stewardship material was included in the backhaul trucks contributing to community priorities to remove this legacy material. Another first was a collaboration with Northern Store where 29 bales of commercial cardboard was removed from Bunibonibee Cree Nation and delivered to a processor in Winnipeg.

The success of the project in 2021/22 is in large part due to a continued collaborative process with the PRO's, community operators, transporters, and processors.

Table 2
Key Metrics

Number of Trucks	14
Total Cost for 2021/22	\$114,000
Estimated KG Removed	92,350 KG
Average KG per Truck	6,596 KG
Cost per KG Removed	\$1.23 KG

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2023 Winter Road Northern Communities Collections

Backhaul Material Stockpiles - the material in the table below includes material on hand as reported from Barren Lands FN, Northlands FN, Wasagamack FN, St. Theresa Point FN, God's Lake FN and Bunibonibee Cree Nation. If the count has a "+" next to it, it either means the community is continuing to collect that material or the counts provided were estimates with a likelihood that more will be added to the totals.

It is estimated this material will fill 12 trucks with a community breakdown as:

Barren Lands FN - 1 truck

Northlands FN - 2 trucks

Wasagamack FN - 2 trucks

St. Theresa Point FN - 3 trucks

God's Lake FN - 1 truck

Bunibonibee Cree Nation - 3 trucks

Stewardship Material	Count
Scrap Tires	2300
Electronics (pallets)	15 + pallets
Aerosol/Propane (drums)	7 drums
Paint (pails on pallet)	2 pallets
Lead Acid Batteries (pallets)	9 pallets
Fluorescent Lights (boxes)	4 + boxes
Used Oil	Up to 32 drums - need to confirm
Oil Containers	35 bags or totes
Oil Filters (drums)	4 drums
Oil Pails	500 + pails
Recycling (totes/bales)	11 tote bags co-mingled +
	6 plastic beverage container bales +
	9 plastic beverage container totes+
	2 other plastic bales
	4 cardboard bales*
	2 cardboard totes+
	2 aluminum beverage bales +
	7 aluminum beverage totes+
	1 tin bale+
Non-Stewardship	
Appliances (stoves, washers, driers, water tanks, furnaces)	1,000 +
Dirty Gas (drums)	2 drums
Antifreeze (drums)	1 drum
Propane Cylinders	20 + tanks
ODS Cylinders	4 cylinders

- * this cardboard is collected from residents. BCN is also collecting and baling cardboard from Northern Store. It is estimated 100 bales will be in storage by February. BCN will be dealing directly with Northern Store to negotiate management of this material. Backhaul may be asked to assist with logistics.

F. CONSULTATION PROCESS

MARRC'S CONSULTATION PROCESS AS PER THE HOUSEHOLD MATERIAL AND PRESCRIBED MATERIAL AND PACKAGING & PRINTED PAPER REGULATION

MARRC participates in a significant amount of discussion and consultation with key stakeholders related to its overall Used Oil and Antifreeze Products Stewardship Programs

A summary of those stakeholders is listed below, with specific details of each sector following on separate pages:

REGISTERED MEMBERS

National Survey – with resulting action taking place.

One Window EHC Online Reporting System – surveys were conducted on Used Oil Management Association's Membership across Canada and asked if a one national website window for stewards to file their EHCs would be recommended? 95% of respondents advised they would like to see this happen.

Website – In discussion with MARRC, the website is the main sourcing for background information and documents required for all Members, as per the Membership Agreement, including the MARRC and national EHC Rates along with the EHC Applicable Products Listing. As such, MARRC completely overhauled our website in 2021.

It is now mobile-friendly, featuring a responsive design that adapts the website's layout to your device size. It's also much easier to navigate from a user's current location to a nearby drop-off location with an improved search function

Compliance Reviews – conducted on a cyclical basis on all Members every 3 years with follow-up action where deemed necessary.

Annual General Meetings – notice of invitation including Agenda and Director election material.

MARRC MEMBERS

49 North Lubricants Ltd.	Cabela's Retail Canada Inc.	GEA Farm Technologies Canada Inc.
10046880 Manitoba Ltd. (Oil Source)	Carberry Oil & Parts Inc.	GFL Environmental Corp.
12317541 Canada Inc. (Catalys Lubricants West)	CanAgro Exports Inc.	Gamma Sales Inc.
A & I Products Canada Inc.	Canadian Kawasaki Motors Inc.	Gates Canada Inc.
ABB Inc. Power Grids (Binome-Quebec)	Canadian Pacific Railway	General Motors of Canada Limited
ADP Distributors Inc.	Canadian Tire Corporation, Limited	Harley-Davidson Canada L.P.
AGCO Corporation	Canadian Tire Petroleum	Hastings Filters
AGS Company Automotive Solutions	Cervus Equipment Corporation	Henkel Canada Corporation
AMSOIL Inc.	Champion Laboratories, Inc.	Hino Motors Canada Ltd.
Acklands-Grainger Inc.	Chevron Canada Limited	Home Depot of Canada Inc.
Agricity Crop & Nutrition Ltd.	Cleanair Filter Service	Home Hardware Stores Limited
Altrom Auto Group Ltd.	Club Car LLC - Ingersoll Rand	Honda Canada Inc.
Applied Industrial Technologies Lp	Comairco Ltd.	Husky Energy Inc.
Atlas Copco Compressors Canada	Costco Wholesale Canada Ltd.	Husqvarna Canada Corp.
Aviall Canada Ltd.	Cummins Western Canada	Hyundai Auto Canada Corp.
BASF Canada Inc.	DAS Distributors Inc.	ITW Permatex Canada
BMW Canada Inc.	Daimler Trucks Canada Ltd.	Imperial Oil Ltd.
BOSS Lubricants	Daleco Systems Inc.	Importations Thibault Ltée
BP Lubricants USA Inc.	Davanac Inc.	Industrial Truck Service Ltd.
Baldwin Filters, Inc.	Dubois Chemicals Canada Inc.	Irving Blending & Packaging
Beck/Arnley Worldparts, Inc.	Echo Power Equipment (Canada)	Isuzu Commercial Truck of Canada Inc.
BestBuy Distributors Limited	Eskimo Point Lumber	Jaguar Land Rover Group Canada Inc.
Blue Streak - Hygrade Motor Products	Excel Energy	John Deere Canada ULC
Blue Water West Limited	FCA Canada Inc.	KLONDIKE Lubricants Corporation
Bombardier Recreational Products Inc.	FRAM Group Canada Inc.	KTM Canada Inc.
Bosch Rexroth Canada Corp.	Fastenal Canada Ltd.	Kadex Aero Supply Ltd.
Brandt Tractor Ltd.	Federated Co-operatives Limited	Kaesar Compressors Canada Inc.
Bridgeview Fluid Solutions Inc.	Ford Motor Company of Canada Ltd.	Kia Canada Inc.
Buhler Versatile Inc.	Fort Garry Industries Ltd.	Kimpex Inc.
CG Power Systems Canada Inc.	Fuchs Lubricants Canada Ltd.	King-O-Matic Industries Limited
CLAAS of America Inc.	Fuelex Energy Ltd.	Kleen-Flo Tumbler Industries Limited
CNH Industrial Canada Ltd.	Full-Bore Marketing Ltd.	Kubota Canada Ltd.
CORE-MARK International Inc.	G.F. Thompson Company Limited	LCT Lubricants Inc.
CPT Canada Power Technology Limited	G.K. Industries Ltd.	Larry Penner Enterprises Inc.

Loblaw Inc.	Oil Depot Limited	Spectrum Brands Canada Inc.
Lubricon Industries Canada Limited	Oil Mart Limited	Stihl Limited
Lucas Oil Products (Canada) Company	Orgill Canada Hardlines ULC	Subaru Canada Inc.
MANN & HUMMEL Filtration Technology US ULC	OBR Oil and Marine Inc.	Suzuki Canada Inc.
MANN & HUMMEL Purolator Filters LLC	PACCAR of Canada, Ltd. Parts Division	TVH Canada Ltd.
MFTA Canada Inc.	PSC-Power Source Canada Ltd.	Texas Refinery Corp. of Canada Limited
Macdon Industries Ltd.	Parker Hannifin Canada	Textron
Machinerie R. Gagnon Inc.	Parkland Corporation (Bluewave Energy)	The North West Company Inc.
Mahle Aftermarket Inc.	Partner Technologies Inc.	Toromont Industries Ltd.
Manitoba Hydro	Parts Canada	Total Energies Marketing Canada Inc.
Maryn international Ltd.	PartsSource Inc.	Toyota Canada Inc.
Maxim Transportation Services Inc.	Peavey Industries Limited	Transt Warehouse Distribution
Mazda Canada Inc.	Peerless Engineering Sales Ltd.	UAP Inc.
Mercedes-Benz Canada Inc.	Petro-Canada Lubricants Inc.	United Chemical Services
Mid-Canada Filtration Solutions	Phillips 66 Canada Ltd.	United Farmers of Alberta Co-op Ltd.
Midwest Sales	Polaris Industries Inc.	Univar Canada Ltd.
Miller Supply Ltd.	Porsche Cars Canada Inc.	Vallen Canada Inc.
Mitsubishi Motor Sales of Canada, Inc.	Prestone Canada	Valvoline Canada Ltd.
Modern Sales Co-op	Prévost, a Division of Volvo Group Canada Inc.	Vermeer Canada Inc.
Mopac Auto Supply (Alberta) Ltd.	Princess Auto Ltd.	Viscosity Oil Company
Mopac Auto Supply Ltd.	RONA Inc.	Volkswagen Canada Inc.
Motion Industries (Canada) Inc.	Radiator Specialty Company of Canada Ltd.	Volvo Cars of Canada Corp.
Motor Coach Industries Limited	Recochem Inc.	Volvo Group Canada Inc.
Motosel Industrial Group Inc.	Revolution ORS LP (DBA Terrapure)	Wainbee
Motovan Corporation	Robco Inc.	Wajax Equipment
Motovan Inc.	Robert Bosch Inc.	Wajax Industrial Components
NCH Canada Inc.	SC CLS Holding ULC	Wakefield Canada Inc.
NLS Products	SMS Equipment Inc.	Wal-Mart Canada Corp.
National Energy Equipment Inc.	Safety-Kleen Canada Inc.	Wallace & Carey Ltd.
Navistar Canada Inc.	7-11 Canada	Westcon Equipment & Rentals Ltd.
NemCo Resources Ltd.	Shell Canada Products Ltd.	Western Turbo & Fuel Injection Ltd.
New Flyer Industries Ltd.	Sherwin Williams Canada Inc.	Westpower Equipment Ltd.
Nissan Canada Inc.	Southwestern Petroleum Canada Ltd.	Worldpac Canada Inc.
Noco Lubricants LP	Southwestern Petroleum Lubricants LLC	Wurth Canada Limited
Norcan Fluid Power Ltd.		Yamaha Motor Canada Ltd.
Nynas Inc.		Yetman's Ltd.

EHC ONLINE REPORTING SYSTEM

In a Used Oil Management Associations (UOMAs) combined survey conducted within its Membership across Canada, questions regarding greater efficiencies and harmonization were asked including the following:

One potential area of future harmonization that could be considered is the creation of “a one national website window” for stewards to file EHCs. Would you recommend this initiative to the UOMAs?

95% of respondents advised that they would like to see this.

Acting on this, the UOMAs collaborated on constructing an electronic reporting and payment system called “EHC OneWindow” that enables greater ease of reporting for Members, eliminates all paper based processes and also allows remittances to be combined into one payment for all products.

Responses from the UOMA members have been extremely positive and the site continues to evolve in order to meet the needs of our Membership.



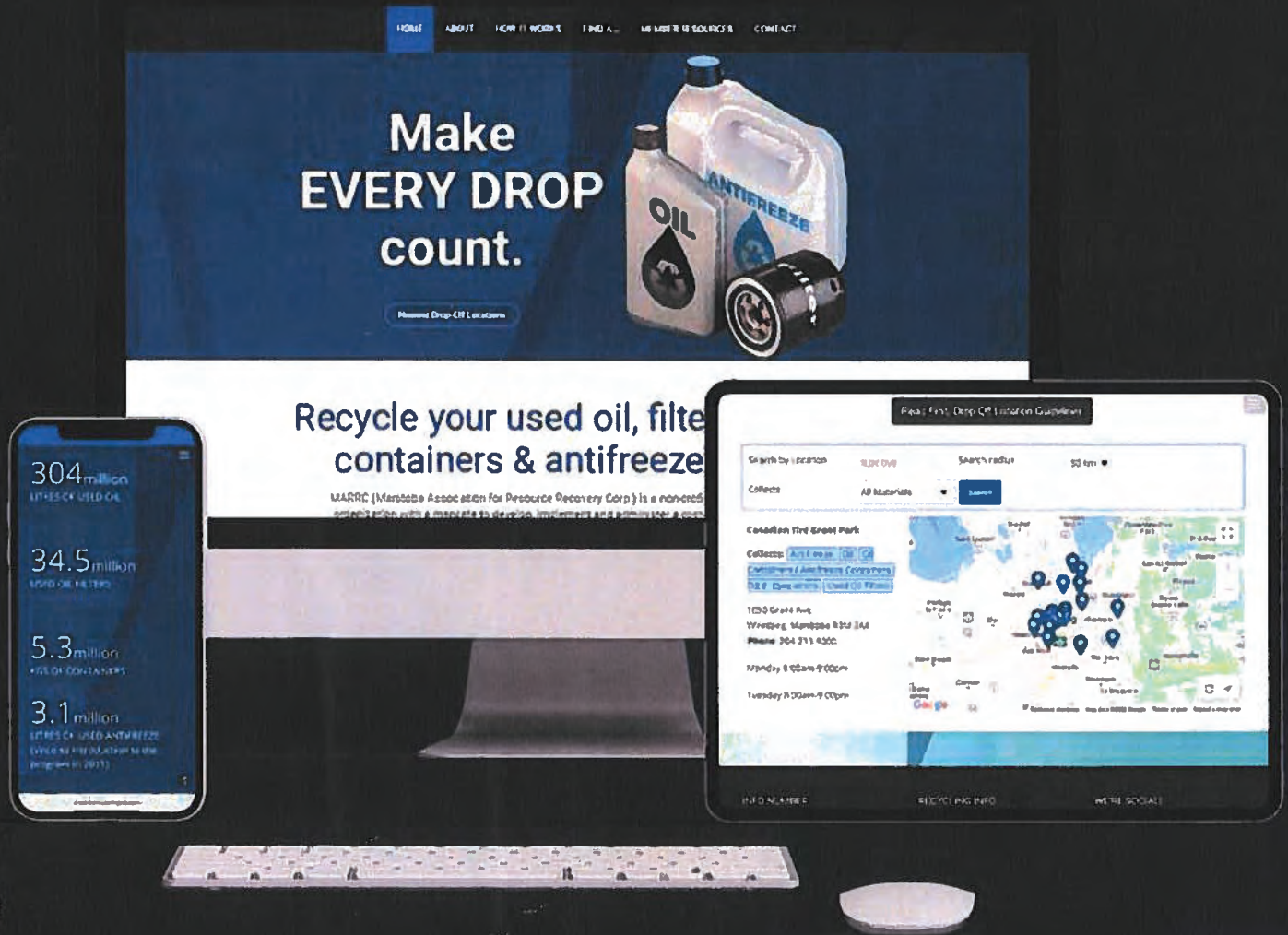
WEBSITE REDESIGN

USED OIL RECYCLING M.B. COM

We completely overhauled our website in late 2021.

Our new website is now mobile-friendly, featuring a responsive design that adapts the website's layout to your device size. As a result, whether you view it on your phone, tablet, or desktop computer, the website is designed for usability and satisfaction.

It's now much easier to navigate from a user's current location to a nearby drop-off location with an improved search function.



REGISTERED LICENSED COLLECTORS

- On-site visits taking place
- Return Incentives (RI) claims reviewed
- Annual market share reports provided
- Return Incentive (RI) rates reviewed
- Electronic Processing – samples for testing taking place
- Collector Manual – provided for reference

REGISTERED LICENSED PROCESSORS

- XPotential Products Inc. fire in October 2011 – leading to closure
- Reliable Tire Recycling taking over and then ceasing operation in October 2016
- RPM in Quebec, Merlin Plastics in BC – accepting Manitoba plastics at great cost to MARRC.

Plastic container processing – a made in Manitoba solution is now present as of March 2020.

- The ROC (Rapid Organic Converter) at Tritec Concrete in St. Eustache, MB is licensed by Manitoba Conservation and converts all MARRC plastic to energy (heat, electricity). This also saves MARRC 656 tons in Greenhouse Gas Emissions each year.

Used oil processing – a made in Manitoba solution is now present as of December 2020.

- Enerpure, located in Letellier Manitoba, is Registered as a MARRC Licensed Processor while used oil is now being delivered there for processing. On top of Greenhouse gasses saved by not having to transport the used oil to asphalt manufacturers in the US, having a made in Manitoba processor that converts the used oil into a diesel (marine distillate) fuel promotes a circular economy.

Used antifreeze processing – a made in Manitoba solution is now present as of December 2017.

- Emission Impossible, located in St. Andrews, MB, uses a filtration and then distillation process to convert used antifreeze into new antifreeze.
- United Chemical Services in Selkirk, also converts used antifreeze to new antifreeze using their patented distillation process.

REGISTERED ECOCENTRES – RURAL

- Annual on-site inspections conducted
- Operational review with management
- Formal inspection report provided, with action items detailed
- Financial support ongoing
- Certified training annually provided - operational manual provided as reference



MARRC Plastic Container Processing

Background and Good News

In 2011, MARRC's main plastic container processor, XPotential, terminated operation following a fire at their location in Winnipeg.

MARRC proceeded to search out various options ending up with sites in Quebec and BC being the designated alternatives. Given the expensive freight component, MARRC's primary objective remained and that was to have a plastic processing facility located within the Province of Manitoba.

A Manitoba company, Innovative NRG, located in St. Eustache, Manitoba (30 minutes from Winnipeg) invented, developed and manufactured a revolutionary Waste to Energy (WtE) Solution, the Rapid Organic Converter – ROC, that vaporizes all Carbon- based/organic waste material.

The patented and proprietary ROC employs radiant energy vaporization to accelerate the decomposition process of all carbon-based/organic waste material on hand in the market, within mere seconds.

The ROC captures the energy released in the conversion process delivering clean thermal energy to heat buildings, heat water for industrial processes or create steam to generate electricity.

The ROC – How it Works

Waste materials feedstock is conveyed into the conversion chamber

Rapid Decomposition occurs using radiant energy to vaporize feedstock

- Plastics decomposition/conversion takes place in less than 10 seconds
- NOT Incineration
- Hot gases are drawn into the flameless oxidation chamber where ambient air is added
- Hot gases are then drawn into the retention chamber
- With high heat at 850C or higher, the gases stay in chamber for 2 seconds with chemical destruction of harmful particulate

Retention chamber gases are drawn through.....

The high heat exchanger to create steam for electricity generation

The lower heat exchanger for site and district heating

Gas stream is drawn through a fan.....

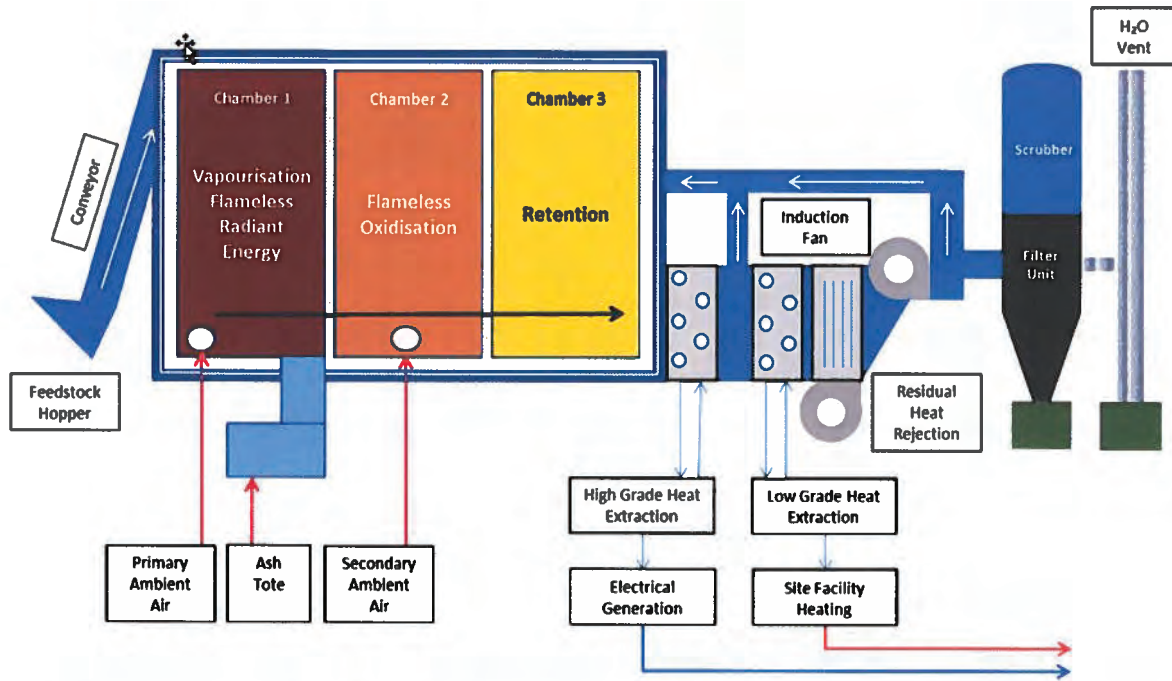
The residual heat is recirculated to the ROC

The filtration then takes place in either the baghouse or water scrubber for particulate removal

The clean gas stream then goes up the stack, meets cooler air with water vapour, then into the atmosphere

Design and Operation

- One step process – waste feedstock directly to clean Thermal Energy
- Runs by itself – no fossil fuels to operate – uses energy from feedstocks
- Quiet operation
- Efficient single pass process
- Profitable use of renewal energy from waste to offset natural gas cost
- Lower GHG emissions than alternatives - incineration



Stairways to stack platform



Receiving & preparation building - front & side



Collector Delivery Process



Truck Unloading



Grinder Addition



Containers in Bags Received



Containers in Bags Grinded
for Feedstock to the ROC

Manitoba Sustainable Development (MSD)

This ROC site is Licensed by Manitoba Sustainable Development (MSD) to process biomass waste materials on a continuous basis and has a Pilot License from MSD to pilot test alternative waste streams, including MARRC oil, antifreeze and DEF containers.

With constructive direction, support and collaboration with MSD regional and local staff, they embarked on an extensive set of manufacturing projects, equipment acquisitions and facility upgrades to the site to ensure compliance with all MSD requirements to receive, handle and process the MARRC containers efficiently, profitably and safely with a focus on triple level containment of liquids at all stages of their conversion to energy.

MARRC Recycle to Energy vs Recycle to plastic raw materials

MARRC Plastics Stewardship Waste HDPE Plastic

GHG Emissions Analysis

	GHG Tonne Per Annum <u>CO2e</u>	Tonne Per Annum <u>Landfill</u>
<u>Recycling Waste Plastic to plastics raw materials</u>		
Transportation to Processor -Quebec	370	
Recycling plastics to plastics raw materials	-270	39
Total GHG Emissions/Landfill Recycling to plastics	100	39
<u>Recycling Waste Plastics to Energy - ROC pilot Project</u>		
Transportation to Processor St. Eustache Manitoba	4	
Recycle to Energy - Natural Gas Emissions reduction	-560	
Total GHG Emissions/Landfill Recycling to Energy	-556	
Total Reduction GHG Emissions/Landfill	656	39



The Future of Fuel - Now.



ABOUT ENERPURE

EnerPure's proprietary used oil regeneration micro-technology transforms this globally pervasive pollutant into a clean high-density distillate fuel that offers a more sustainably-formulated energy source to marine transporters, offsetting the need for conventional distillate fuels while tackling the global issue of hazardous used oil disposal. EnerPure currently operates Manitoba's only used oil recycling facility.

A MADE-IN-MANITOBA SOLUTION

EnerPure has processed over 1.6 million litres of used oil at its Southern Manitoba facility since commencing operations in late 2020. The high-quality marine fuel produced has been sold Maersk, the largest shipping company in the world via EnerPure's off-take agreement with Parkland Fuels. The processing of this used oil has already generated a total reduction in GHG emissions of approximately 1,000 metric tonnes.

EnerPure's Southern Manitoba facility has been operating at 1/20th of the annual output capacity of the facility as the Company completed a series of operational runs to commission and evaluate the technology. EnerPure intends to increase the processing capacity of its Letellier facility in 2023 to full commercial capacity so that it can process 12 million litres of used oil annually. When the planned modifications are completed, GHG emission reductions of 6,750 metric tonnes annually will be generated by the facility.


GLOBAL APPLICATION

With the successful operation of its Southern Manitoba facility, EnerPure is currently working on additional opportunities to deploy its propriety technology. EnerPure has received strong interest from around the world for this ground-breaking technology and will be working with private industry and government organizations to undertake the commercial rollout of its proprietary used oil regeneration micro-technology. The Company will begin deploying units in other North American locations in 2024.

**Annual GHG
Emission
Reductions**
13,500 metric
tonnes per
regeneration unit

**Targeted
North America
Deployments**
40 Regeneration
Units



 enerpure.tech
204-944-1901

▶ OUR TECH

Solving the waste oil problem.

EnerPure's regenerated distillate product combines purity with performance.

EnerPure's micro-regeneration technology recovers the value of waste lubricating oil by distilling one of society's most pervasive pollutants into an end-consumer product with widespread use across the global transportation industry.

[Learn More](#)



Preparation

Waste motor oil is generally contaminated with solids, particulates, chemicals and metals. Before regeneration, the feedstock supply is filtered to remove contaminants and dehydrated.



Regeneration

Dehydrated feedstock is regenerated via EnerPure's patent-protected thermal cracking reactor design, breaking down the waste oil compounds into smaller hydrocarbon molecules.



Distillation

EnerPure's distillation system separates cracked materials into lighter and heavier raw diesel fuel streams to meet the specifications for sale as commercial diesel fuels.



Filtration

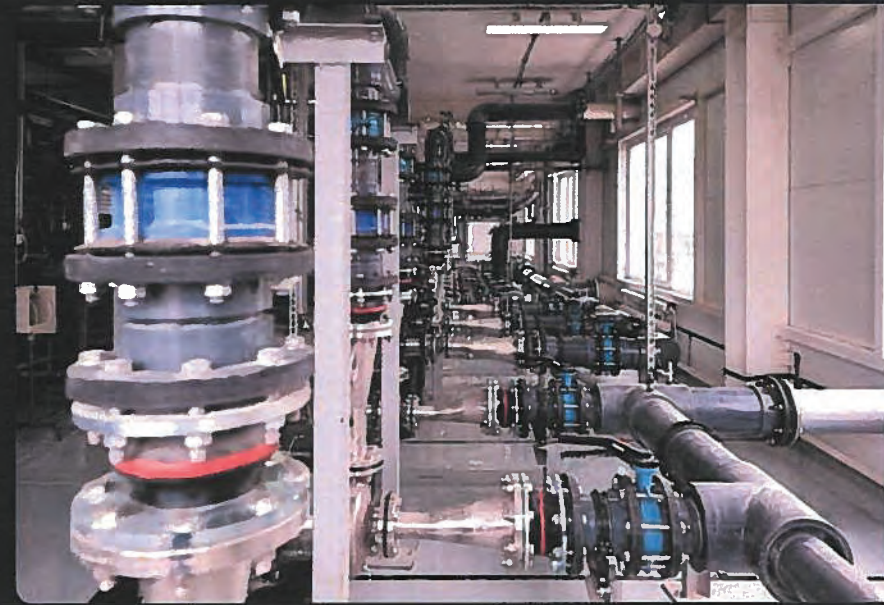
EnerPure's filtration system utilizes a unique process that recycles finishing clay by incinerating the contaminant substances which have been removed from the diesel.



A truly sustainable energy system

Our proprietary waste oil regeneration micro-technology distills this globally pervasive pollutant into a high-density distillate fuel that offers a more sustainably-formulated energy source to marine transporters, offsetting the need for conventional distillate fuels while tackling the global issue of hazardous waste oil disposal.

Thanks to EnerPure's twelve years of passionate dedication to research and development, society has the revolutionary technology it needs to start building a truly sustainable energy system within our generation, while preserving the global economy.



United Chemical Services Inc.

Contact

Products



Services

Glossary

Recycling



Home / Products / Automotive

Summary

- Waste paint removal.
- Water oil base.
- Various gunwashes to suit your needs.
- Antifreeze meeting all major automotive standards.
- Windshield washer fluid.
- Waste antifreeze removal.
- Waste oil and oil filter collection.
- Prekleen.
- Tire shine.



Share your views concerning three stewardship program plans

.....

The Manitoba government is reviewing three proposed new plans for the recycling and collection of designated products.

Under the Waste Reduction and Prevention Act regulations, Producer Responsibility Organizations have submitted three product stewardship plans for recycling and safe disposal of designated materials.

We Want to Hear from You

Manitoba Sustainable Development wants to hear what you have to say about the stewardship plans for the following programs:

- Recycle Everywhere (empty beverage containers recycling program)
- Used Oil and Antifreeze Products Stewardship Program ←
- Recycle My Cell (cellular phones recycling program)

You can review the plans at: www.manitoba.ca/sd/wastewise/stewardship-plans.html or www.manitoba.ca/sd/eal/registries/index.html. You may request printed copies by calling 204-945-0331 or sending a fax to 204-945-4552.

The deadline for providing comments on the plans is January 20, 2018.

Please provide feedback via email to stewardship-plans@gov.mb.ca, or in writing to:

Stewardship Plans Feedback
Attention: Barbara Isaacs
Manitoba Sustainable Development
Box 38, 200 Saulteaux Crescent
Winnipeg, MB R3J 3W3



From: MARRC

Sent: Wednesday, November 22, 2017 1:40 PM

To: Paul Linchuang ; Lutz Ehrentraut ; Richard B Waller ; Joe Casciano ; Manny Micklash ; Keith Penner

Subject: MARRC Used Oil & Antifreeze Stewardship Plan Renewal Application

As part of MARRC's Stewardship Plan Renewal Submission in August 2017, the Government placed a specific requirement for a Consultation Process to take place with the public and the various stakeholders of MARRC.

In the email below you will see a sample of the process we have undertaken with the entire listing of MARRC Members.

A similar letter is also being distributed to the MARRC Registered Collectors and EcoCentres throughout the Province.

The "Share Your Views" Notice attached was circulated in various newspapers throughout Manitoba this past weekend.

It records the link for access to our Stewardship Plan application including the Appendix documents related to the various subjects covered in the submission.

Following the January 20 deadline for feedback, MARRC will then be notified of a date for meeting with the officials to review the entire renewal application.

Will keep you posted.

Regards

Ron



Share Your Views

Attention: MARRC Members

The **Manitoba Association for Resource Recovery Corp. (MARRC)** has submitted an Application for Renewal of their Used Oil and Antifreeze Products Stewardship Program.

As part of the process, Manitoba Sustainable Development has circulated, in various newspapers throughout Manitoba, the attached advertisement this past weekend.

With it they are requesting that the population at large "Share Your Views".

Furthermore MARRC is asking various stakeholders to Share Their Views and accordingly we are sending the subject email to all the Members of MARRC for their feedback.

The MARRC Stewardship Program is available through the following link.
<http://www.manitoba.ca/sd/wastewise/pdf/marrc-stewardship-plan.pdf>

The following link contains the Appendix
http://www.manitoba.ca/sd/wastewise/pdf/marrc_appendices.pdf

Please see attached Appendix and note that page numbers (**bold**) are now the reference point (as the Government since changed the order from our original Appendix listing).

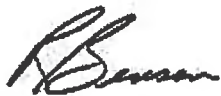
With that we draw your attention starting on Page 99 of the Appendix to copies of the 5 Newsletters sent to the Members in 2016 and 2017.

In particular please note on page 141 the action being taken to work immediately on developing a "**One-Window**" approach for EHC remittances.

Any comments you may have on the overall Stewardship Plan can be emailed to stewardship-plans@gov.mb.ca

Thanking you in advance,

Ron Benson,



Executive Director
Manitoba Association for Resource Recovery Corp. (MARRC)
Manitoba's Used Oil & Antifreeze Recycling Program
35-1313 Border Street
Winnipeg Manitoba R3H 0X4
Phone: 204-632-5255
Fax: 204-633-9380
Toll Free 1-888-410-1440
marrc@mts.net www.usedoilrecycling.com

REGISTERED MEMBERS

See Appendix 3 for a copy of the Membership Agreement

The website is key for providing the documents necessary for registration as a Member.

New Member

Discussions take place with potential new members and they are guided through the website for completion of the documents required to become a member.

In particular the Membership Agreement is reviewed and ultimately submitted to be signed for execution.

Details covering the Environmental Handling Charges (EHC) remittance procedure is discussed through KPMG who handle the management of the funds, the Members are provided with the following:

- EHC Rates Schedule – National including MARRC
- EHC Applicable Products List

See Appendix 4

Compliance Reviews

Are completed with each Member on a three to four year rotation basis (or sooner if deemed necessary). The Chartered Accountant firm IntegriServ, along with MARRC, review the results of the findings and IntegriServ completes a separate section asking the member if they have any questions, issues or concerns regarding MARRC's overall Stewardship Program. Issues of concern are followed up by MARRC with the specific Member company.

Newsletters – (See Appendix 5 for copies of UOMA newsletters)

The newsletter approach is led by the National Used Oil Management and Antifreeze Advisory Council (NUOMAAC) representing the Used Oil Management Associations across Canada (UOMA).

Winter 2016: Volume 1, Issue 1

The inaugural issue outlining the objective of the Newsletters and detailing plans for the future.

Specific references are made to activities taking place in the northern remote community of St. Theresa Point by MARRC.

Summer 2016: Volume 1, Issue 2

Reference is made to the Used Oil Management Association activities taking place throughout Canada including the outstanding initiative by the Steinbach, Manitoba EcoCentre

Fall 2016: Volume 1, Issue 3

In keeping with the objective of harmonizing the programs throughout Canada, a National Survey was circulated to the entire Member complement across Canada dealing with 2 points:

- To determine the Members satisfaction with the current UOMA program and;
- To gather data on the desire of Ontario stewards to establish a UOMA-style filter, antifreeze, oil and antifreeze container recycling program.

The results of the survey questions are included within each section.

Winter 2017: Volume 2, Issue 1

UOMA Members of Canada's Used Oil Management Recycling Programs have spoken.

Most stewards are satisfied (or very satisfied) with their experiences with the UOMA program. Members' comments also strongly encouraged improved national planning and cooperation amongst the UOMAs including:

- A one-window approach to EHC remittances;
- Further harmonization on communications; and
- As much further national harmonization as possible for programs, product lists and definitions, EHCs and EHC compliance auditing

In response NUOMAAC is:

- beginning work immediately to develop a one-window approach for EHC remittance. Any members that wish to provide input are encouraged to contact David Lawes at DLawes@usedoilrecycling.ca for English inquiries and Jean Duchesneau at jean.duchesneau@soghu.ca for French inquiries
- introducing a possible National Communications Director to improve our national communications approach, including:
 - the national website, www.usedoilrecycling.com;
 - national branding; and
 - national messaging on the importance of recycling used oil and antifreeze materials.

- considering hosting an annual webinar to seek member input in identifying further opportunities to maximize cost-efficiency and minimize administrative burden; and
- creating an annual national member report on national accomplishments and opportunities.

Summer 2017: Volume 2, Issue 2

It records the 2016 volume collection results nationally.

It includes a reference to the Northern and Remote Community coverage involving MARRC's movement into Churchill and Bloodvein, following the St. Theresa Point initiative.

It references the website and social media coverage highlighting the national website as the main portal through which visitors can click to get to a specific UOMA. Current information for the public and businesses is accessed through both the national and individual provincial sites.

Annual General Meetings

Members are invited each year to attend the MARRC Annual General Meeting (AGM).

An official Notice is sent to all Members (200) including an agenda along with information regarding the election of directors.

Minutes, following the meeting, are circulated to each Member.

Newsletters - (Continued)

January 23, 2017 – UOMA Initial Fill (OEM) Category Summary Update – First Notice

March 15, 2017 – Consultation to Update the “Initial Fill (OEM) Category Summary

June 23, 2017 – Materials Recycled (Listed by Province)

June 23, 2017 – Economy

June 23, 2017 – Collection Facilities. Manitoba’s network has matured at 95 while the Association is working on adding more licensed facilities in Winnipeg.

June 23, 2017 – Northern Remote Communities. MARRC works with the First Nations and has been successful with projects that have taken place in St. Theresa Point, Churchill and Bloodvein.

June 23, 2017 – Outreach, website & Social Media, & NUOMAAC

December 29, 2017 – Notice to OEM Stakeholders

December 29, 2017 – Letter to OEM Members Sent on Behalf of UOMAs in Canada

September 21, 2018 – National Glycol (Antifreeze) Available for Collection Study

September 21, 2018 – Best Practices for Used Oil Management

October 25, 2019 – Local Initiatives – BC & Manitoba

October 28, 2019 – The State of UOMA Plastics Recycling in Canada

October 28, 2019 – National UOMA Cooperation Works For You, Its Members

October 28, 2019 – New Web-Based Environmental Handling Charge Reporting System Available in Early 2020

November 5, 2019 – Used Oil & Antifreeze Products Collection Rates by Association for 2018

November 6, 2019 – UOMA Atlantic Welcomes Newfoundland & Labrador and Nova Scotia

April 27, 2020 – Member Reporting and Payment During the Covid-19 Period

November 4, 2020 – Automotive Fluid Container Trends

November 4, 2020 – EHC OneWindow Update

November 4, 2020 – National Update to the Amount of Antifreeze Available for Collection

November 4, 2020 – Compliance and Audit Process

November 4, 2020 – UOMAs Look to Expand Original Equipment Manufacturer Definitions

October 21, 2021 – Changes to Original Equipment Manufacturing (OEM)Categories (Effective Jan. 1, 2022).

June 2, 2022 – EHC OneWindow Update

June 2, 2022 – Website Improvements in the Works

June 2, 2022 – Alberta Consultations on Additional Containers and Fees

June 2, 2022 – Member Survey Responses Help Guide Association Priorities

REGISTERED LICENSED COLLECTORS & PROCESSORS

See Appendix 6 for a sample copy of a signed Collector Application Agreement and License reference.

See Appendix 7 for the updated Collection and Processor Operating Manual

Site Visits

On-Site visits and phone calls are conducted on an on-going basis with the Registered Licensed Collectors of MARRC.

Return Incentive (RI) Claim Submissions

Monthly Return Incentive Claim submissions are reviewed in detail at the MARRC office ensuring that all transactions are covered with appropriate manifests and signatures. If need be follow-up is conducted with the individual collector. Desk audits are conducted with generators verifying the volumes and signatures on the manifest.

Market Share Report for Review

MARRC provides the collectors, on an annual basis, market share reports by zone and by product (for oil, filters, containers and antifreeze).

RI Rates – See Appendix 8

Return Incentive (RI) Rates are reviewed with Collectors. The Appendix details all the increases that have taken effect since 1998, along with the rates currently in place nationally by Association.

Zone Map

The zone map was originally developed in consultations with the Registered Collectors reflecting distances, condition of roads and sizes of the population base throughout the province.

Electronic Reporting

Electronic Processing was originally introduced in Quebec with the primary objective of substantially reducing the amount of paperwork associated with claims and replacing it with on-line data registered through a formal process devised for implementation throughout Canada.

Each Association, in consultation, provided a specific pilot location which in Manitoba is Notre Dame Used Oil.

MARRC Registered Licensed Collectors

A-1 Environmental Services

EcoOil Recycling

GFL Green for Life

Husaro Enterprises

Kendaula Enterprise

Notre Dame Used Oil

Miller Environmental Corp.

Pat's Off Road Transport

Recycle West Inc.

Safety-Kleen Ltd.

SKL Enterprises Ltd.

United Chemical Services Inc.

MARRC Registered Licensed Processors

	<u>Oil</u>	<u>Filters</u>	<u>Containers</u>	<u>A/F</u>
GFL Green for Life	X	X		
Glyeco				X
HD Petroleum	X			
Husaro Enterprises Ltd.		X		
K & K Recycling		X		
Kendaula Enterprise		X		
Merlin Plastics Supply Ltd.			X	
Miller Environmental Corp.	X			
Phoenix Services Environnementaux			X	
Polyfreeze				X
Re-Glycol 2014 Ltd.				X
RPM Environmental Ltee			X	
Recycle West Inc.	X	X		
Terrapure Environmental	X	X		
Tri-County Plastics Ltd.			X	
United Chemical Services Inc.		X		X

REGISTERED LICENSED ECOCENTRES - RURAL

See Appendix 9 for a sample copy of the Government License and MARRC Agreement in place per site

See Appendix 10 for a copy of the EcoCentre Operator Training and Procedures Manual – Table of Contents

Site Visits

Annual On-Site Inspections are conducted with the certified operators ensuring...

- the customer log book is in order
- the balancing of book to physical inventories is taking place
- the general appearance inside and outside of the site is acceptable
- the fire extinguisher is currently certified, & absorbent on hand for spills

Office Management Visit

An Operational Overview is then conducted On-Site with Local Office Management.

Site Inspection Report with action items highlighted

A formal report is then provided detailing action items, as need be.

EcoCentre Agreement Financial Support Review

An Annual Review of the operating expenses, in comparison to the budget, as per the EcoCentre Agreement financial support, is conducted with management personnel.

The importance of local promotional activity

Particular attention is paid to having local promotional activity effectively in place. Samples of activities throughout the province are presented as a guideline for consideration.

Training

As required in the EcoCentre license and MARRC Agreement, operators must be trained and certified under the Transportation of Dangerous Goods Act, upon employment start-up, followed with re-certification every 3 years for existing staff. MARRC covers the cost of the time and travel for the certified trainer. MARRC also participates by attending select sessions taking place.

*** See map and listing of locations included on the following pages**

ECOCENTRES - REFLECTING AMALGAMATIONS

	Location	Owner/Operator
1	Steinbach	City of Steinbach
2	Carman	Town of Carman
3	Melita	S K L Enterprises Ltd.
4	Altona	Town of Altona / Municipality of Rhineland
5	Neepawa	Town of Neepawa
6	Selkirk	City of Selkirk
7	Russell	Municipality of Russell-Binscarth / Riding Mountain West
8	Glenboro	Municipality of Glenboro South Cypress
9	Minto	Municipality of Grassland
10	Pilot Mound	Louise Integrated Waste Management
11	Baldur	RM of Argyle
12	Swan River	Town of Swan River
13	Hamiota	Hamiota Municipality
14	Inwood	RM of Armstrong
15	Chatfield	RM of Armstrong
16	Meleb	RM of Armstrong
17	Virden	RM of Wallace-Woodworth
18	Arborg	BAR Waste Authority Co-op Inc.
19	Gladstone	Municipality of Westlake-Gladstone
20	Rosburn	Rosburn Municipality
21	Portage la Prairie	Portage & District Recycling Inc.
22	Teulon	Town of Teulon & RM of Rockwood
23	Brandon	City of Brandon
24	Earl Grey	RM of St. Andrews
25	Langruth	Municipality of Westlake-Gladstone
26	Elm Creek	RM of Grey

	Location	Owner/Operator
27	The Pas	Town of The Pas
28	Winkler	City of Winkler
29	Morris	Town of Morris
30	St. Georges	RM of Alexander Town of Powerview-Pinefalls
31	Traverse Bay	RM of Alexander & RM of Victoria Beach
32	Clandeboye	RM of St. Andrews
33	Vita	RM of Stuartburn
34	Lac du Bonnet	RM of Lac du Bonnet
35	Waskada	Municipality of Brenda-Waskada
36	Carberry	RM of North Cypress-Langford
37	Thompson	Thompson Recycling Centre
38	St. Laurent	RM of St. Laurent
39	Erickson	Municipality of Clanwilliam-Erickson
40	Eriksdale	C.E.W.D.G. Board
41	Flin Flon	City of Flin Flon
42	Dunrea	RM of Prairie Lakes
43	MacGregor	Municipality of North Norfolk
44	Roblin	Municipality of Hillsburg-Roblin-Shell River
45	Onanole	Municipality of Harrison Park
46	Whitemouth	Whitemouth-Reynolds-North Whiteshell
47	Gimli	RM of Gimli
48	Ames	RM of Gimli
49	St. Lazare	RM of Ellice-Archie
50	St. Pierre	RM of De Salaberry
51	Lorette	RM of Taché
52	Souris	Municipality of Souris-Glenwood
53	Birtle	Municipality of Prairie View



OTHER LICENSED COLLECTION FACILITIES

1	Winnipeg	A-1 Environmental Services, 1447 Dugald Rd.
2	Winnipeg	GFL Green For Life 1090 Kenaston Blvd.
3	Winnipeg	Frank Motors 575 Notre Dame Ave.
4	Winnipeg	EK Import Auto Service Ltd., 1043 Springfield Rd.
5	Winnipeg	Canadian Tire Grant Park 1080 Grant Ave.
6	Winnipeg	Canadian Tire East Kildonan 1519 Regent Ave.
7	Winnipeg	Canadian Tire Polo Park 750 St. James St.
8	Winnipeg	Canadian Tire Fort Garry McGillivray & Kenaston
9	Winnipeg	Canadian Tire St. Boniface Fermor & Beaverhill
10	Winnipeg	Canadian Tire Unicity 3615 Portage Ave.
11	Winnipeg	VIP Lube 395 Goulet Street
12	Winnipeg	4R, Brady Road Landfill
13	Winnipeg	4R, 1120 Pacific Avenue
14	Winnipeg	4R, 429 Panet Road
15	Headingley	Recycle West 6 Sabrina Way
16	Stonewall	RM of Rockwood
17	Notre Dame	Jean Farms Ltd.
18	Hartney	Southwest Recycling
19	Grand Rapids	ET Development Ltd.
20	Killamey	Town of Killamey
21	Dunnottar	Village of Dunnottar
22	Cranberry Portage	LUD of Cranberry Portage

23	Rorketon	RM of Lakeshore
24	Deloraine	Municipality of Deloraine-Winchester
25	Fisher Branch	RM of Fisher
26	Moosehorn	RM of Grahamdale
27	Ashern	Municipality of West Interlake
28	Dauphin	RM of Dauphin
29	Beausejour	Beausejour Tire
30	Hillside	RM of Springfield
31	Oakwood	RM of Springfield
32	Steinbach	Great Canadian Oil Change, 41 Hwy 12 North
33	Winkler	Great Canadian Oil Change, 611 Main Street
34	Portage la Prairie	Great Canadian Oil Change, 1040 Saskatchewan Ave W
35	Brandon	Great Canadian Oil Change, 827 18th St
36	Monominto	RM of Taché
37	Shoal Lake	RM of Yellowhead
38	Minnedosa	Evergreen Environmental Technologies
39	Ptumas	Municipality of Westlake-Gladstone
40	Westbourne	Municipality of Westlake-Gladstone
41	Eden	Municipality of Rosedale
42	Kelwood	Municipality of Rosedale
43	Dunning	RM of St. Clements
44	Clarke	RM of St. Clements
45	Libau	RM of St. Clements

NORTHERN REMOTE COMMUNITIES

1	St. Theresa Point St.	Theresa Point First Nation - Fire Station
2	St. Theresa Point	St. Theresa Point First Nation - End of Life Vehicle Garage
3	Churchill	The Town of Churchill
4	Hollow Water	Manitoba Aboriginal and Northern Affairs
5	Bloodvein	Bloodvein First Nation

THE PUBLIC

MARRC Participates annually with its Ambassador Team in events throughout the Province. A sampling from 2019 is below.

APRIL

12-14 World of Wheels	18 Team up to Clean up - Grant Park Shopping Centre	20 Great Canadian Oil Change Main St. EcoDay
26-28 Rodarama		

MAY

27 Teddy Bear's Picnic	26 Teddy Bear's Picnic
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JUNE

7-9 Transcona Hi Neighbour Festival & Parade	5-9 Brandon Exhibition	14 RM of St. Clements Open House
13 RM of St. Andrews Open House	7-8 Niverville Fair & Parade	14-23 Wpg. Red River Exhibition
14-16 Steinbach Summer in the City	27 Portage & District Recycling Open House	29 Teulon Centennial Parade
28-29 Killarney Summer Fair & Parade	30-1 Osborne Village Canada Day	

JULY

1 Assiniboine Park Canada Day	5-6 Falcon Lake Fun Fest	6 Minnedosa Fun Fest & Parade
5-7 Portage Exhibition	14 Gimli Car Show	11-13 Carman County Fair
13-14 St. Pierre Frog Follies Parade	12-14 Selkirk Triple S Fair & Rodeo & Parade	18-21 Morris Stampede & Parade
27 Winnipeg Beach Boardwalk Days & Parade	26-28 Altona Sunflower Festival & Parade	26-29 Austin Thresherman's Reunion & Parade
23-24 Kids Fringe Festival		

AUGUST

1 Dauphin Annual Street Fair Dance	3-5 Gimli Icelandic Festival & Parade	9-11 Melita Banana Days
10 Melita Mud Bog Vehicle Demo Derby	11 Melita Cruisers Show and Shine	9-11 Winkler Harvest Festival & Parade
10 Portage la Prairie Potatoe Festival	14 Northern Association Trade Show	16-18 Hanover Ag Fair & Parade
17-19 Stonewall Quarry Days Parade	23-25 Morden Corn & Apple Festival & Parade	

SEPTEMBER

7 Sherbook Street Fest	8 Garden City Car Show
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An individual Survey is conducted with the general public visiting the MARRC exhibit.

Covid-19 drastically affected our marketing and communications program in 2020 and in 2021, effectively sidelining our Ambassador Program.

In 2019, 10,004 Surveys were completed. On average 78% of those interviewed stated that they are recycling their used oil and antifreeze products either through the shop that changes their used oil for them or by doing it themselves. On average, 44% were aware of the local EcoCentre facility in their area. This is the main reason that MARRC, with its local EcoCentre support package, strongly encourages the EcoCentre management to locally promote their EcoCentre.

A sample of the survey with 4 questions, is on the next page.

Usedoilrecycling.com

Mr. Oil Drop Says Recycle Used Oil
& Antifreeze Products

1-888-410-1440

**You could win a
Canadian Tire Gift Card worth \$50!**

Please complete the following:

1. Do you change your own oil and antifreeze or do you take your vehicle in?

Do it yourself _____ Take In _____

2. What products are recycled when vehicle is serviced?

Oil _____ Filters _____ Containers _____

Antifreeze _____ None of the above _____

3. Where do you recycle your used oil and antifreeze products:

EcoCentre ___ Canadian Tire ___ Dealer/FastLube _____

No Vehicle _____ Other _____

4. Did you know that you can recycle your used oil & antifreeze products at the Hannover Landfill in Steinbach?

YES _____ NO _____

NAME _____

Phone # _____

A breakdown by event is as follows:

Ambassador Survey Results Summer 2019	
Location	Total Entries
Red River Ex Winnipeg	1609
Gimli Icelandic Festival	1199
Morden Corn & Apple Festival	968
Osborne Village Canada Day	697
Brandon Fair	523
Winkler Harveset Festival	485
HI Neighbor Festival	449
World of Wheels	441
Steinback Summer in the City	424
Rodarama	407
Morris Stampede	407
Dauphin Street Fair	208
Austin Thresherman's Rodeo	192
Carman County Fair	190
Winnipeg Beach Boardwalk Days	188
Altona Sunflower Festival	187
Selkirk Triple S Fair and Rodeo	169
Portage la Prairie Ex	158
Stonewall Quarry Days	158
Gimli Car Show	157
Melita Banana days	154
Portage La Prairie Potato Festival	122
Hanover Ag Fair	115
Garden City Car Show	108
Falcon Lake Fun Fest	93
Sherbrook Street Fest	63
Minnedosa Fun Fest	51
Killarney Summer Fair	34
Great Canadian Oil Change Eco Day	28
Ninette Fair	20
Total	10,004

This provides for MARRC a significant basis of research for follow-up in developing strategic action plans for the local area.

We also advertised on 2 vehicles that we had rented for the summertime which were also featured prominently in many of the event parades. (Next page)

Ambassador Program Survey Overview - 2022 vs 2017 Comparison



- Question 1** Do you change your own oil and antifreeze (DIY ~ Do-It-Yourself) or do you take your vehicle in for service?
Question 2 What products are recycled when vehicle is serviced?
Question 3 Where do you recycle your used oil & antifreeze products?
Question 4 Did you know that you can recycle your used oil & antifreeze products in your local area?

	Q1		Q2					Q3					Q4		TOTAL		
	(DIY) Do-It-Yourself	Take in	Oil	Filters	Containers	Antifreeze	None	EcoCentre	CDN Tire	Dealer	No Vehicle	Other	Unknown	Yes		NO	
Red River Ex	153	604	718	712	715	717	31	53	157	516	140	19	1	324	565	889	
Gimli Icelandic Festival	140	493	604	602	604	602	9	67	76	475	47	5	4	293	367	660	
Transcona Hi Neighbour	173	397	514	508	511	514	27	64	105	360	93	16	6	282	352	634	
Morden Corn & Apple	116	269	364	361	361	361	9	44	39	282	26	5	0	173	227	400	
Selkirk Triple S	89	178	237	235	235	237	15	59	15	171	27	10	7	136	143	279	
Winkler Harvest Festival	62	163	213	209	209	215	5	24	14	171	4	3	2	85	139	224	
Brandon Ex	65	138	175	174	174	175	15	39	48	99	28	14	1	94	124	218	
Rodorama	101	102	192	188	189	192	3	61	46	98	4	3	1	162	37	199	
Morris Stampede	50	125	160	158	158	160	10	27	9	126	12	9	1	88	96	184	
Carman County Fair	59	130	161	159	159	161	18	20	16	131	3	15	3	70	112	182	
Dauphin Street Fair	38	108	132	130	130	133	8	24	4	107	18	8	1	69	90	159	
Altona Sunflower Festival	52	93	130	130	130	130	10	32	8	94	17	4	6	71	86	157	
Steinbach SITC	34	98	121	118	118	120	2	21	31	74	6	3	2	77	52	129	
Gimli Canada Day	21	103	121	120	120	121	3	14	19	91	5	2	1	41	88	129	
Melita Banana Days	46	80	117	116	115	116	2	31	4	85	4	2	0	73	50	123	
Eriksdale Festival	26	54	76	77	77	76	0	17	2	59	2	1	0	43	36	79	
Austin Thresherman	36	41	66	65	65	66	1	19	6	40	0	9	1	43	24	67	
Hanover Fair	25	38	57	57	57	57	3	19	4	36	4	2	2	32	32	64	
Niverville Fair	29	25	44	42	40	43	6	9	7	23	5	11	0	30	35	65	
TOTALS	1315	3239	4202	4161	4167	4196	177	644	610	3038	445	141	39	2186	2655	4841	
	Yourself	Take in for service	Oil	Filters	Containers	Antifreeze	None	EcoCentre	CDN Tire	Dealer	No Vehicle	Other	Unknown	Yes	NO	TOTAL	
N=4,841	2022	27.2	66.9	86.8	86.0	86.1	86.7	3.7	13.3	12.6	62.8	9.2	2.9	0.8	45.2	54.84	%
	vs																
	2017																
	Winnipeg	17	63	90	86	84	81	n/a	4	11	70	10	5	n/a	42	58	%
	N=10,582																
	Rural	26	57	90	86	84	81	n/a	15	5	64	7	9	n/a	28	72	%

Summary Conclusions

1. The general public is conscious of the importance of recycling used oil and antifreeze products with greater awareness of a recycling facility in their area now than before (as shown in Q4).
2. The Dealer/Fast Lubes represent the largest percentage of where the products are being recycled.
3. The Canadian Tire stores in the City of Winnipeg are further complemented by having the City's three - 4R depot locations at Brady Rd., 1120 Pacific Ave. & 429 Panet Rd. effectively on stream.
4. The EcoCentres will be strongly encouraged to utilize their advertising support budgets within their local communities.
5. The Ambassador Program will continue to be focusing on communities throughout the Province with radio newspaper & social media ads supporting the upcoming local community events, as well as local EcoCentre in proximity.