

# USED OIL, ANTIFREEZE AND CONTAINERS

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.

Information based on: Landfill/Transfer Station Design Requirements for Stewardship Materials, The Backhaul Project (May 2019). Updated June 2022.

## 01 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:

[WEB2.GOV.MB.CA/LAWS/REGS/CURRENT/\\_PDF-REGS.PHP?REG=195/2015](http://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:

[WEB2.GOV.MB.CA/LAWS/REGS/CURRENT/\\_PDF-REGS.PHP?REG=188/2001](http://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:

[LAWS-LOIS.JUSTICE.GC.CA/PDF/SOR-2008-197.PDF](http://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.

## 02 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 gL 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:

[USEDILOILRECYCLINGMB.COM/COLLECTORS/](http://USEDILOILRECYCLINGMB.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.

## 03 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.

## 04 TRANSPORT & REMOVAL

When you are ready to transport your used oil/ antifreeze you can find a list of processors to contact here:

[USED-OIL-RECYCLING.MB.COM/USED-OIL-AND-ANTIFREEZE-PROCESSORS/](https://USED-OIL-RECYCLING.MB.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.

## 05 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:

[TC.CANADA.CA/SITES/DEFAULT/FILES/2020-07/TDG\\_BULLETIN\\_-\\_SHIPPING\\_DOCUMENT\\_-\\_PDF\\_EN.PDF](https://tc.canada.ca/sites/default/files/2020-07/TDG_BULLETIN_-_SHIPPING_DOCUMENT_-_PDF_EN.PDF)

## 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](mailto:MARRC@MTS.NET)

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.

## 06 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 also be included on that license, which includes insurance requirements.

USED OIL, ANTIFREEZE & CONTAINERS COMMUNITY EXAMPLE

# 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 their vehicle recycling and repair garage. (The first burner is heating the building that houses the fire truck.)

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

