



Contract & Removal Costs

Each appliance holds about 1lb of **refrigerant** and takes about an hour to drain and the contractors usually cost about \$80/hr. There will be containment tanks, shipping, and disposal fees, too. An average tank will hold 30lbs. Take an inventory of how many appliances you have and if they're new or old models (containment tanks differ). Contractors will need to make tags before they come and stick them on the waste appliances for removal & disposal.

WWW.NOFNEC.CA

Recycling Program Information
Resource Productivity & Recovery
Authority (Formerly: Waste
Diversion Ontario)
4711 Yonge Street, Suite 408
Toronto, ON
M2N 6K8
www.rpra.ca

Ozone Layer Protection Awareness Course

Heating, Refrigeration and Air
Conditioning Institute of Canada
2350 Matheson Blvd East, Suite 101
Mississauga, ON
L4W 5G9
T: 905-602-4700
F: 905-602-1197
www.hrai.ca



**NORTHERN ONTARIO FIRST NATIONS
ENVIRONMENT CONFERENCE
OCTOBER 3-5, 2017
SIOUX LOOKOUT**

Commercial Waste



- *REFRIGERANTS**
- *PETROLEUM
HYDROCARBON
CONTAMINATED
SOIL & WATER**
- *ASBESTOS**
- *TREATED
WOOD**

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CONTAMINATED SOIL

Contaminated soil is normally impacted by petroleum hydrocarbons ("PHCs" / fuel). PHCs can be naturally broken down by oxygen and bacteria.

If the PHCs cannot be burned or treated in the ground, the soil is dug up and put in a bioremediation cell. When there is no biocell, soil is stockpiled at waste sites, for use as cover, because they are already contaminated areas.

Any water that has PHCs should be pumped and treated through a special machine and discharged at a lagoon. If that is not an option, water can be sealed in drums for removal and disposal outside of the community.



REFRIGERANTS

Refrigerants ("Freon") are widely recognized as an ozone depleting substance (CFC or HCFC).

In our fridges, freezers, air conditions (in vehicles, too), refrigerant liquids must be removed and tagged by a licensed Ozone Depletion Prevention (ODP) technician.

To be ODP certified, you need to complete a 1-day course, receive a mark of 75% +, and pay a fee (~\$260) that covers you for 5 years; renew for \$50.

Quick Fact: Freon is a registered trademark name (like Coke, Xerox or Kleenex). The true name for this substance is fluorocarbon.

Refrigerant Recovery Unit



ASBESTOS

Asbestos is a mineral used to make products strong, long-lasting and fire-resistant. It is usually found in pre-1990s materials like insulation, tiles and plaster. Be careful when disposing of asbestos containing materials.

Be sure to wear the proper equipment, label and double bag it. Typically, asbestos is buried in its own hole so its not disturbed and gets into the air.

TREATED WOOD

Treated wood is not considered a hazardous waste and is accepted for disposal at landfills. However, pressure treated wood should not be burned as the arsenic stays in the ash. Breathing in arsenic is extremely toxic to people, animals and plant life.

