

ELECTRONIC WASTE

Properly-handled electronic waste can and should be recycled. This means valuable resources can be re-used and not left to waste in the landfill.

Removing electronic waste from your landfill helps protect the environment and community health from dangerous materials contained in the e-waste.

The **Electronics Products Recycling Association (EPRA)** is Manitoba's industry steward for electronic waste. They provide instructions on how to collect, store and transport electronic waste safely.

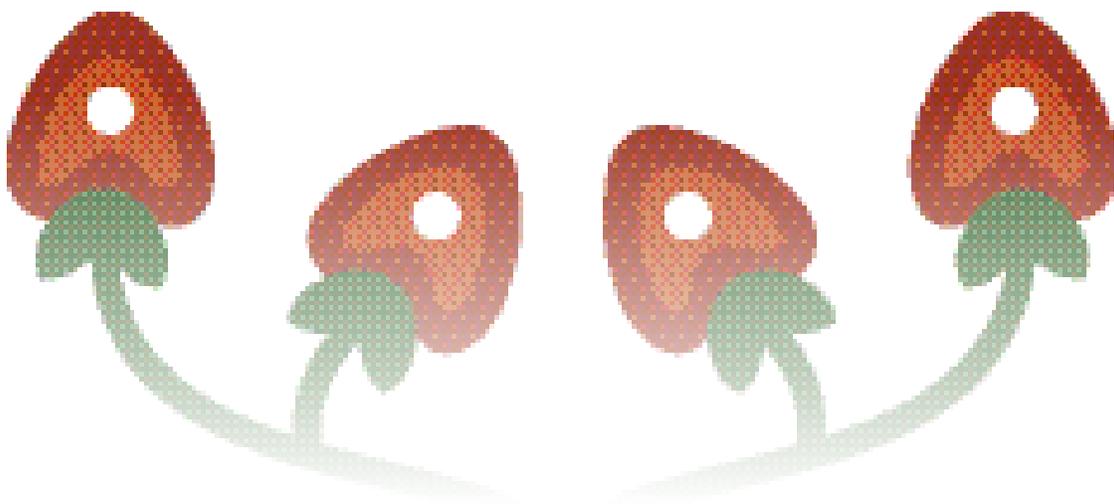
General categories of materials accepted include:

- Desktop computers
- Portable computers
- Computer peripherals (such as keyboards, mouse, cables, etc.)
- Desktop printers
- Personal or portable audio/video systems
- Vehicle audio/video systems
- Home theatre in-a-box systems
- Non-cellular telephones
- Countertop microwave ovens
- Floor standing multi-function devices (such as printers/copiers)

A full list can be found on the EPRA website:

[RECYCLEMYELECTRONICS.CA/MB/WHAT-CAN-I-RECYCLE/](https://www.recyclemyelectronics.ca/mb/what-can-i-recycle/)

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



01

REGISTRATION

There are two standard options for electronic waste. If your community generates enough e-waste to warrant a year-round collection depot, you will want to register with EPRA Manitoba to receive a rebate for the electronic waste shipped out. The second option is to hold a collection event in the community once or twice a year, in which case no rebate is provided by EPRA but you are able to remove the e-waste from your community and keep it out of the landfill.

OPTION 1 COLLECTION DEPOT

Contact the EPRA office and they will provide a standard collection site document.

There is no charge to become a depot and EPRA will pay for the materials collected based on weight as long as collection standards are met, which will be confirmed by an on-site visit

OPTION 2 COLLECTION EVENT

EPRA will pick up electronic waste from any location that has a minimum of 5 pallets. Pallets must be stacked with electronics to a height of 3-4 feet tall and the community must have equipment to load pallets onto a transport trailer.

EPRA will not provide a rebate for the tonnage collected but will cover the costs of transporting the electronic waste out of your community.



02

COLLECTION & TRAINING

Electronic waste and associated products are not appropriate for “curbside” pick up at residences and, as a best management practice, community members should deliver them to a collection site.

Program specific training is provided by EPRA Manitoba. This training includes basic instruction on stacking e-waste products during storage and requirements for securing a load properly for shipment.

03 STORAGE & EQUIPMENT

Storage must be weatherproof and secure from unauthorized access. Heated storage is not required.

Electronics should be stacked on pallets and shrink-wrapped to ensure stability during storage and transport. A standard pallet is 48”x 40”. A properly stacked pallet should be approximately 60” high. For communities with all-weather road access the storage footprint may be less than one-year storage.

To maximize transportation efficiency, a full 53-foot semi-trailer load is preferred. This equals 20-24 pallets or a storage footprint of approximately 450 square feet.

Required equipment at your landfill includes:

- Pallets to stack the e-waste on (either wood or plastic pallets will work). Pallets must be in good shape and be able to support loads up to 230 kg. A standard pallet is 48” x 40”.

- Pallet jack, forklift or skid steer to move and load pallets onto truck (provided by site operator)
- Shrink wrap for wrapping electronic waste materials. Shrink wrap can be purchased from any shipping supply company, such as Shippers Supply Inc or Staples.

04 TRANSPORT & REMOVAL

Material must be shipped in accordance with EPRA requirements that ensure load security. A standard shipping document (supplied by transporter) is required.



05 RECORD KEEPING

EPRA does not require records documenting amounts of e-waste diverted. However, site operators should retain the shipping document for the load of e-waste removed from the community to reconcile with program compensation payments.

06 INSURANCE REQUIREMENTS

All EPRA Collection Sites will possess:

- Valid permits, approvals and other business licenses as required to operate in the jurisdiction; and
- Comprehensive or Commercial General Liability Insurance including coverage for bodily injury, property damage, complete operations and contractual liability with combined single limits of not less than \$1 million per occurrence, \$1 million general liability.

EPRA does not need to be named as on the Certificate of Insurance for General Liability coverage, which can include multiple sites.

CONTACT INFO

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E-WASTE COMMUNITY EXAMPLE

PEGUIS FIRST NATION

In August 2023, Pathfinders traveled out to Peguis First Nation to help package and stage e-waste that had been collected over the span of a few years. The e-waste was loaded onto pallets which were wrapped and moved by skid steer for pickup.

In Fall 2023, 23 pallets were picked up by EPRA (Electronic Products Recycling Association) and sent to Exner E-waste to be properly recycled. Peguis has been a registered collection depot with the Electronic Products Recycling Association since the Spring of 2018.

