The Edmonton Waste Management Centre (EWMC) is a unique collection of advanced waste processing and research facilities where waste is transformed into useful resources.

- The Centre is 233 hectares in size which is equivalent to almost five West Edmonton Malls.
- The combined area of all the buildings on-site is 80,000 square metres, with the Edmonton Composting Facility itself occupying space equivalent to almost five football fields.
- On average, 4,500 trucks bearing 9,800 tonnes of waste cross the scale every week.
- Around 15,000 students, teachers and adults tour the Centre each year.

Many of the activities on site at the EWMC represent partnerships with private sector organizations.

**Activities include:**

- Composting
- Sorting mixed recyclables
- Producing biofuels from processed waste
- Sorting mixed construction and demolition waste
- Processing electronic and electrical waste
- Producing electricity from landfill gas
Edmonton Waste Management Centre

1. Integrated Processing & Transfer Facility (IPTF)
   Receives waste and prepares it for composting, conversion to biofuels and transfer to landfill.

2. Edmonton Composting Facility (ECF)
   Converts organic waste and biosolids into compost.

3. Anaerobic Digestion Facility (ADF)
   Will convert organic waste into compost and renewable energy. Expected to begin operation in 2018.

4. Residential Transfer Station
   A convenient, one-stop area for residents to safely drop off garbage, recyclables and household hazardous waste.

5. Materials Recovery Facility (MRF)
   Sorts and processes recyclables collected in Edmonton’s Blue Bag, Blue Bin and Recycling Depot programs.

6. E-Waste Recycling Facility (GEEP Alberta Inc.)
   Processes computers, televisions and a wide range of other electronic and electric waste for recycling.

7. Clover Bar Landfill (closed)
   An engineered sanitary landfill that features systems for groundwater diversion, leachate collection, landfill gas recovery and native revegetation. Operated from 1975 to 2010.

8. Biosolids Lagoons
   Store biosolids (treated sewage sludge) for composting and other diversion programs.

9. Landfill Gas Recovery Facility
   Captures and converts landfill gas into electricity.

10. Waste to Biofuels Facility (Enerkem)
    Converts non-recyclable and non-compostable waste into ethanol.

11. Research & Development Facility
    Provides research and technology demonstration opportunities through the Edmonton Waste Management Centre of Excellence.

12. Construction & Demolition Recycling Facility (C&D)
    Processes mixed and segregated loads of wood, drywall, concrete, metals and asphalt shingles for recycling.

13. Advanced Energy Research Facility
    Tests diverse waste feedstocks for gasification and production of ethanol and methanol.

14. Compost Curing Site
    Operational area for composting biosolids and yard waste, as well as curing compost produced at the Edmonton Composting Facility.

15. Operations Building
    Daily site operations and maintenance are conducted from this facility.

16. Leachate Treatment Plant
    Physically, biologically and chemically processes liquid extracted from the landfill.

17. Equipment Storage & Maintenance Facility
    Services heavy duty and specialty equipment used on-site.

18. Administration & Training Centre
    Houses EWMC management, education and training areas.
Edmonton’s Waste Management Process

Questions?
Call: 311
Email: wasteman@edmonton.ca
Web: edmonton.ca/waste
Address: 250 Aurum Road NE

Hours of Operation
Administration: Mon to Fri: 8:30 a.m. - 4:30 p.m.
Recycling and Waste Disposal Facilities:
Mon to Fri: 7:30 a.m. - 7:00 p.m.
Sat, Sun, and Holidays: 8:00 a.m. - 5:00 p.m.
Closed Christmas Day, Boxing Day and New Year’s Day

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