

Recyclable Material Requirements

All materials meeting the requirements below are accepted for recycling, **free of charge**. All incoming rubble materials will be inspected for conformance to the specification requirements and to ensure they are free of contaminants.

The maximum size of any asphalt and concrete rubble that will be accepted is **80 cm (30 inches) square**.

Materials That Are Accepted

- Concrete (hardened and plastic state)
- Rebar Reinforced Concrete
- Asphalt
- Gravel
- Coarse clean sand
- Asphalt grindings
- Soil cement
- Bricks, paving stones, tiles

Materials That Will Not Be Accepted

- Black Dirt
- Clay
- Wood
- Trees
- Asphalt Shingles
- Stucco
- Concrete with Steel Mesh
- Any rubble contaminated with chemicals, oils, acids or solvents
- Any rubble exceeding a maximum size of 80cm²

Edmonton Recycling Sites

West: 18403 107 Avenue

Entrance and exit gates on 107 Ave, just west of 184 Street

Summer hours (May - October):
Monday - Saturday: 7 a.m. - 5 p.m.

Winter hours: closed

Southeast: 5221 17 Street

Entrance off 17 Street, north of Whitemud Drive East

Summer hours (May - October):
Monday - Saturday: 7 a.m. - 5 p.m.

Winter hours (November - April):
Monday - Friday: 7 a.m. - 5 p.m.

Information

For more information contact:
780-442-6457

www.edmonton.ca/transportation



Concrete & Asphalt (Aggregate) Recycling Program

Background

Established in 1978, the City of Edmonton's Aggregate Recycling Program created an environmentally sensitive and economical source of aggregates. Concrete, asphalt, and other granular materials from any construction and demolition sites in the Edmonton area are crushed for reuse on a variety of City infrastructure projects.

Since its inception, the Aggregate Recycling Program has recycled in excess of four million tonnes of material. This extended the life of the City's landfill by approximately five years, reduced the demand for natural aggregate resources in the Edmonton area and also contributed to the reduction of greenhouse gas emissions by reducing the requirement to transport aggregate materials from outside of the City.

Production

- Annual production of recycled aggregates is 200,000 – 220,000 tonnes
- Average daily production is 1,200 tonnes in an eight hour day
- Over 99.5% of all incoming rubble material received is recycled
- An average of 14,000 tonnes of fine sand, a by-product of the City's sand recycling program, is also incorporated into the 63 mm product annually
- Each year, an average of 15,000 tonnes of asphalt millings are collected and recycled from City paving projects

Environmental Considerations

Environmental considerations that must be controlled include noise, dust, and the potential for dumping of contaminated rubble materials. The City of Edmonton conducts noise evaluations, dust analysis, and inspections on incoming rubble materials for contaminants. In addition, the crushing operation utilizes a water/foam dust suppressant system to ensure compliance with environmental air quality regulations.

Cost Benefit

Based on current replacement costs for natural aggregates and landfill cost savings through recycling, the annual cost benefit of the City of Edmonton Aggregate Recycling Program is in excess of \$15 million dollars. In addition, the ferrous reinforcing materials typically found in concrete are removed by a magnetic separator during the crushing process and then sold. An average of 500 tonnes, worth approximately \$7,500, is recovered annually.

Site Safety

The City of Edmonton takes great pride in maintaining a safe work environment for its employees and clients. When dropping off rubble, the use of electronic devices while operating a vehicle is strictly prohibited. Stay in designated drop off areas and leave children and pets in your vehicle. Continually be aware of other vehicles arriving and leaving the area and ensure you are never standing in another driver's blind spot. Yield to all site service vehicles such as loaders, bobcats and water trucks. Sturdy footwear, work gloves and safety glasses are recommended when dropping off rubble. Please try to avoid any unnecessary idling of your vehicle when dropping off material.

Edmonton's Aggregate Recycling Program saves tonnes of aggregates from ever reaching the landfill!

Rubble is recycled free of charge from any project — big or small

