

City of Moose Jaw

Solid Waste Utility



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Solid Waste Utility

Moose Jaw's Solid Waste Utility is comprised of landfill operations, recycling programs and residential waste collection.

An in depth analysis of the Utility was undertaken in 2016 to inform and direct current and future practices. This analysis looked at our collection practices, our rate structures and our landfill needs both short and long term.

The goal through all of this was to ensure our Solid Waste Utility was:

- i) promoting and practicing waste diversion (recycling, construction debris diversion, hazardous waste collection, etc.)
- ii) sufficiently self-funded and viable into the future



Recycling Collection Services:

Recycling is currently collected on a bi-weekly schedule from approximately 11,700 homes.

This program was initiated city wide in October of 2015 and service is provided through a private contractor. Prior to this there were two bulk recycling depots set up in the city for residents. One bulk recycling depot remains in service for residents with larger quantities of paper and cardboard.

Organics are not currently collected by the City. However, it is encouraged that property owners compost, mulch and divert organics from the waste stream. The City offers composting classes and compost bins at a subsidized rate for purchase.



Waste Collection Services:

Solid Waste is currently collected by the City from approximately 11,700 homes. Automated collection service comprises 94% of service while 6% of collection is still done manually.

Significant changes have been made to the collection service in 2017:

- Level of service has been standardized (Discontinued collection for commercial properties, only duplexes and single family homes qualify for City collection).
- Level of service change has allowed the City to go to a single uniform bin size.
- Transition to a majority curbside collection service versus back lane collection (program currently under review part way through transition).
- Pilot project running in a portion of the manual collection zone, addressing narrow streets with one sided parking restrictions to allow emergency vehicle access. These areas have subsequently been transitioned to automated curbside collection.
- Instituted a fee/service charge to cover the cost of waste collection and disposal invoiced to customers through their the Water Utility bill. Effective October, 2017.



Waste Collection Services:

Residential Collection (tonnes)

| <u>2014</u> | <u>2015</u> | <u>2016*</u> | <u>2017</u> |
|-------------|-------------|--------------|-------------------|
| 10,460 | 9,663 | 9,630 | 9,000 (projected) |

Recycling Collection Services:

Annual Recycling (tonnes)

| <u>2014</u> | <u>2015</u> | <u>2016*</u> | <u>2017</u> |
|-------------|-------------|---------------|-------------------------|
| 943 (8.3%) | 750 (7.2%) | 1,477 (13.3%) | 2,010 (18.3% projected) |

*First full year of City residential recycling collection service



Landfill:

The City has been operating a Solid Waste Landfill near its present location since the 1920's and accepts on average 60,000 tonnes of waste material annually from the City and surrounding smaller communities.

Services provided at the landfill not only includes the disposal of waste but also:

- Diversion of metal, concrete, asphalt, propane cylinders, automotive batteries.
- The EcoCenter on site helps to divert oil, filters and containers free of charge.
- Disposal of Asbestos with proper permits and in a designated area of the landfill
- Annual hazardous waste day where residents can dispose of hazardous materials free of charge.

The landfill has an estimated remaining life of approximately two years. A new survey has been conducted and the remaining airspace is currently being calculated.



Future:

The City of Moose Jaw is currently engaged with a consultant developing our Solid Waste Management Master Plan.

The master plan includes:

- The future state of solid waste collection and recycling programs in the city.
- The potential expansion of diversion programs (recycling, organics, etc.) and the associated economic impacts.
- The inevitable closure and decommissioning of the current landfill site.
- A study of prospective new sites to meet the needs of the City for the next 75 – 100 years.



Questions?

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