

Lambton Facility

Facility Overview



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The Lambton Facility features a high-temperature incinerator, secure chemical landfill, an analytical laboratory and specialized transportation fleet.

The facility serves heavy and light industry, commercial businesses, households and governments. The site meets the needs of waste generators from across the economic spectrum, including: electronics, aerospace, automotive, building materials, appliances, transportation, recreation and leisure, fuels, rubber, construction, lubricants, chemicals, plastics, mining, home and garden products, cosmetics, clothing, medicines, agricultural implements, food processing, steel, products-packaging and paints.

Following are some facts and statistics about Clean Harbors Lambton Facility and its contribution to the local economy:

- The site employs 130 people.



- Our employees reside in various communities in St. Clair Township, Sarnia, Point Edward, Petrolia, Enniskillen Township, Lambton Shores, Oil Springs, Warwick Township, Plympton-Wyoming Township, Brook-Alvinston Township and Dawn-Euphemia Township.
- Our annual local payroll is upwards of \$8.5 million, with an economic spin-off of more than \$24.3 million.
- Annual municipal taxes paid are in excess of \$130,000.
- Annual community fund payments to our host municipality and neighbours are over \$500,000.
- Annual goods and service purchased locally amount to a dollar amount of upwards of \$4.0 million, providing an economic spin-off of more than \$12 million.
- Approximately \$2 million is spent annually on ambient environmental monitoring programs.

Lambton Disposal/Destruction Facts

The total permitted capacity for Cell 18, the current cell being used for solid waste disposal, is 1.91 million cubic metres.

- The total volume of landfill space consumed up to August 31, 2007 was 1,454,515 cu. m. (76.5%).
- The remaining permitted space available for landfill as of August 31, 2006 is approximately 445,485 cu. m. (23.5%)
- Based on the projected rate of landfill activity, Cell 18 will reach capacity in January 2012.

In 2007, approximately 88,000 tonnes of waste was destroyed in the incinerator. Stack gases can be broken down as follows:

- Oxygen 11%
- Carbon Dioxide (CO₂) 7 %
- Nitrogen 81.9 %
- Trace total hydrocarbons and metals 0.1 %

Incineration reduces the volume of waste requiring final disposal by more than 90 per cent. Process residues (incinerator ash) are disposed of the facility's secure landfill.