

Metadata for: Landfill Gas Collection, Use and Destruction

This table provides essential information about the program data.

Title	Landfill Gas Collection, Use and Destruction
Alternative Title	Landfill Gas Use and Destruction
Description	<p>This dataset provides a summary of information reported by landfills regarding their landfill gas collection (LFG), methane destruction and/or use, and associated emission reductions as required by Section 11 of O.Reg. 347 under the Environmental Protection Act.</p> <p>Data includes:</p> <ul style="list-style-type: none"> • Year • ECA • Landfill Site Name • Site Address • Approved Site Volume (m3) • Is landfill gas collected at this landfill site? (yes/no) • % of LFG volume collected that is vented * • % of LFG volume collected that is flared • Flare destruction efficiency % • Is LFG utilized on-site or off-site? * • % of LFG volume collected used to generate electricity and/or heat • Electricity and/or heat destruction efficiency % • Electricity Generated (MWh) * • Electrical Capacity (MW) * • Heat Generated (MWh) * • Thermal Capacity (MW) * • % of LFG volume processed for natural gas or other fuel * • % LFG loss from processing * • LFG Processed into (Renewable) Natural Gas (m3) * • LFG Other % ** • LFG Other % - Description ** • Destruction Efficiency (%) – Other • Annual LFG Collected (m3) • Methane (%) • Emission Reductions - GWP 21 (tCO₂e) • Emission Reductions - GWP 25 (tCO₂e) • CO₂ generated from Methane Destruction (tCO₂) <p>* new data field collected beginning in 2020 ** field not longer collected after 2019</p> <p>Purpose: To inform the public and provide baseline information needed by academics, health practitioners and others to better understand the efficacy of O. Reg. 347 under the Environmental Protection Act and its intended purpose to reduce greenhouse gas emissions in Ontario</p>
Status	Ongoing
Frequency of Updates	Yearly
Contact	Name: John Maiorano Email: John.Maiorano@ontario.ca Organisation: Ministry of the Environment, Conservation and Parks Position: Manager (Acting), Climate Change Policy Branch, Climate Change and Resilience Division Role: Author
Cited Responsible Parties	See the Open Government Licence - Ontario

Keywords	Landfill Gas, Methane, Landfills
Tags	Climate Change, Pollutants
Use Limitations	n/a
Legal Constraints	See the Open Government Licence - Ontario
Geographic Bounds	Ontario: province-wide West bound: -95.15699 East bound: -74.30798 South bound: 41.6723 North bound: 56.850117
Supplemental Information	Related Datasets: Landfills https://data.ontario.ca/dataset/ontario-landfills Large Industrial GHG Emissions https://data.ontario.ca/dataset/greenhouse-gas-emissions-reporting-by-facility
Date Stamp	March 31, 2023

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