

# 2022 SASB Report<sup>1</sup>

Topic/ Metric No.	Activity Metric	Metric/Information Related to Topic
<b>Activity Metrics Related to Operations</b>		
IF-WM-000.A	Number of customers by category: (1) Municipal, (2) Commercial, (3) Industrial, (4) Residential, and (5) Other	N/A - GFL does not track numbers by these customer categories.
IF-WM-000.B	Vehicle fleet size	7,738 solid waste collection vehicles
IF-WM-000.C	Number of (1) Landfills, (2) Transfer stations, (3) Recycling centres, (4) Composting centres, (5) Incinerators, and (6) All other facilities	(1) 90+, (2) 170+, (3) 35+, (4) 20+ organics facilities, (5) 0, (6) 250+ collection operations, 130+ liquid waste facilities
IF-WM-000.D	Total amount of materials managed, by customer category: (1) Municipal, (2) Commercial, (3) Industrial, (4) Residential, and (5) Other	N/A - GFL does not track numbers by these customer categories.
<b>Greenhouse Gas Emissions (GHGs)</b>		
IF-WM-110a.1	(1) Gross global scope 1 emissions, percentage covered (2) emissions-limiting regulations, and (3) emissions-reporting regulations	<p>(1) 4,142,262 tCO<sub>2</sub>e (2) 6.4% (3) 51.1%</p> <p>The asserted scope 1 emissions, for each year reported, have been independently verified by a third-party. Our 2022 limited third party assurance statement for our scope 1 and 2 GHG emissions is available <a href="#">here</a>.</p> <p>The quantification and reporting for scope 1 GHG emissions is done in accordance with The GHG Protocol Corporate Accounting and Reporting Standard and associated GHG Protocol guidance documents ISO 14064-1:2018 Specification with guidance at the organizational level for quantification and reporting of GHG emissions and removals, and the IPCC AR-4 100-year Global Warming Potentials (100 year) in our calculations to estimate emissions in metric tonnes of carbon dioxide equivalent.</p> <p>To support the quantification of fugitive methane emissions from landfills in our GHG inventory, GFL has adopted recommendations and guidance from the Solid Waste Industry for Climate Solutions (SWICS) landfill gas emissions approach, as well as the quantification methods presented in the US EPA's Part 98 Mandatory Greenhouse Gas Reporting Program.</p> <p>Other reference methodologies used to quantify and report scope 1 GHG emissions include: IPCC Guidelines for National Greenhouse Gas Inventories, 2006; US EPA Center for Corporate Climate Leadership: Direct Fugitive Emissions from Refrigeration, Air Conditioning, Fire Suppression, and Industrial Gases; US EPA Mandatory Greenhouse Gas Reporting Rule; US EPA Emissions &amp; Generation Resource Integrated Database (eGRID); Entreprises pour l'Environnement, Protocol for the quantification of greenhouse gas emissions from waste management activities (Built on GHG Protocol), version 5.0, October 2013.</p>

<sup>1</sup> Our [2022 ESG Data Summary Table](#) provides additional detailed and historical information about our operations and emissions and was used to support our 2022 SASB disclosure.

Topic/ Metric No.	Activity Metric	Metric/Information Related to Topic
<b>Greenhouse Gas Emissions (GHGs) continued</b>		
IF-WM-110a.2	(1) Total landfill gas generated, (2) percentage flared, (3) percentage used for energy	(1) Landfill gas recovered: 13,330,805 MMBtu (2) 70% (3) 30%
IF-WM-110a.3	Discussion of long-term and short-term strategy or plan to manage scope 1 and lifecycle emissions, emissions reduction targets, and an analysis of performance against those targets	GFL's Sustainability Action Plan, which was first disclosed in our <a href="#">2021 Sustainability Report</a> , describes our ambitious, achievable and transparent pathway to reduce our own scope 1 and 2 GHG emissions in the short-term by 15%. This target covers 100% of our scope 1 and 2 emissions. Our climate leadership goals focus on investing in the technologies and practices that will reduce our own GHG emissions primarily from our landfills and fleet. Further details on our targets and performance against those targets for the 2022 FY can be found in Section C4 of our 2022 CDP Climate Report and our <a href="#">2022 Sustainability Update Report</a> .
<b>Fleet Fuel Management</b>		
IF-WM-110b.1	(1) Fleet fuel consumed, (2) percentage natural gas, (3) percentage renewable	(1) 10,793,454 GJ (2) 14.7% (3) 6.7%
IF-WM-110b.2	Percentage of alternative fuel vehicles in fleet	Percentage of solid waste collection fleet fueled with CNG is 16% excluding fleet from acquisitions (net of divestitures) completed in 2022.
<b>Air Quality</b>		
IF-WM-120a.1	Air emissions of the following pollutants: (1) NOx (excluding N2O), (2), SOx, (3) Volatile organic compounds (VOCs), and (4) Hazardous air pollutants (HAPs)	(1) 284 tonnes, (2) 57 tonnes, (3) 349 tonnes, (4) 191 tonnes <sup>2</sup>
IF-WM-120a.2	Number of facilities in or near areas of dense population <sup>3</sup>	5 active, 7 inactive
IF-WM-120a.3	Number of incidents of non-compliance associated with air emissions	Number of formal enforcement actions: 0
<b>Management of Leachate and Hazardous Waste</b>		
IF-WM-150a.1	(1) Total Toxic Release Inventory (TRI) releases, (2) percentage released to water	N/A - TRI releases are de minimus for our business.
IF-WM-150a.2	Number of corrective actions implemented for landfill releases	0
IF-WM-150a.3	Number of incidents of non-compliance associated with environmental impacts	1

<sup>2</sup> Numbers reflect methodology changes implemented in 2022 and improved consistency in calculated emissions at our landfills.

<sup>3</sup> Number of active and inactive facilities is based on reviewing our facility locations against information in the US Census Bureau's American Community Survey which is refined and updated on an annual basis.

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<b>Labour Practices</b>		
IF-WM-310a.1	Percentage of active workforce covered under collective bargaining agreements	9.1%
IF-WM-310a.2	(1) Number of work stoppages and (2) Total days idle	(1) 0, (2) 0
<b>Workplace Health &amp; Safety</b>		
IF-WM-320a.1	(1) Total recordable incident rate (TRIR), (2) Fatality rate, and (3) Near miss frequency rate (NMFR) for (a) direct employees and (b) contract employees	(1) 3.2, (2) and (3) GFL's Safe For Life health and safety program includes comprehensive metrics for continually improving tracking of KPIs for internal and external reporting based on applicable legislative requirements in every jurisdiction in which GFL operates. We rely on these metrics to monitor and improve our performance and do not publicly report (2) and (3) as defined by SASB
IF-WM-320a.2	Safety Measurement System BASIC percentiles for: (1) Unsafe Driving, (2) Hours-of-Service Compliance, (3) Driver Fitness, (4) Controlled Substances/ Alcohol, (5) Vehicle Maintenance, and (6) Hazardous Materials Compliance	For GFL's operations in the United States, the Federal Motor Carrier Safety Administration (FMCSA) calculates BASIC percentiles for the 10+ Department of Transportation numbers under which GFL operates in the United States. Their scores are available to the public at <a href="https://ai.fmcsa.dot.gov/default.aspx">https://ai.fmcsa.dot.gov/default.aspx</a>
IF-WM-320a.3	Number of road accidents and incidents	GFL's Safe For Life health and safety program includes comprehensive metrics for continually improving tracking of KPIs for internal and external reporting based on applicable legislative requirements in every jurisdiction in which GFL operates. As a result, a consolidated set of relevant metrics that are representative of GFL's performance across all regions of operation and business units are not currently available.
<b>Recycling &amp; Resource Recovery</b>		
IF-WM-420a.1	(1) Amount of waste incinerated, (2) Percentage hazardous, (3) Percentage used for energy recovery	(1) 0%, (2) 0%, (3) 0%
IF-WM-420a.2	Percentage of customers receiving (1) Recycling, by customer type and (2) Composting services, by customer type	N/A - GFL does not measure materials managed by customer type.
IF-WM-420a.3	Amount of material (1) Recycled, and (2) Composted	(1) Solid waste recycling: 2,786,806 tonnes, Liquid waste recycling: 340 million litres, Soil recycling: 3,917,081 tonnes, (2) 708,232 tonnes
IF-WM-320a.4	(1) Amount of electronic waste collected, (2) percentage recovered through recycling	(1) 1,007 tonnes, (2) Not available - GFL does not currently track this metric.

