



2022 Sustainability Update Report

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About this Report

This Report contains information that aligns with certain elements of the [Global Reporting Initiative \(GRI\)](#) Sustainability Reporting Guidelines, the [Sustainability Accounting Standards Board \(SASB\)](#) Standards, the [Carbon Disclosure Project \(CDP\)](#), the [Task Force on Climate-related Financial Disclosures \(TCFD\)](#), and the [United Nations Sustainable Development Goals \(UN SDGs\)](#).

This report contains data and information primarily for our 2022 fiscal year and 2023 where indicated. The report covers our operations in the United States and Canada. All dollar amounts are in our financial reporting currency, Canadian dollars.

Estimates and calculations related to GFL's greenhouse gas (GHG) emissions inventory were prepared according to greenhouse gas emission accounting best practices and the [Greenhouse Gas Protocol](#), developed by the World Business Council for Sustainable Development (WBCSD) and the World Resources Institute (WRI). Our 2022 limited third party assurance statement for our scope 1 and 2 GHG emissions is available [here](#).



Forward Looking Statements

This report includes certain "forward-looking statements" and "forward-looking information" (collectively, "forward-looking information") within the meaning of applicable U.S. and Canadian securities laws, respectively. These include, but are not limited to, statements regarding our sustainability goals, including reductions in greenhouse gas emissions, use of renewable energy, biogas recovery and leachate management, recycling, nature conservation initiatives, health and safety goals, employee matters, including retention and living wage initiatives, diversity, equity and inclusion and charitable giving.

Statements containing forward-looking information are not historical facts nor assurances of future performance but instead represent management's expectations, estimates and projections regarding future events or circumstances.

Forward-looking information is based on our opinions, estimates and assumptions that we considered appropriate and reasonable as of the date such information is stated and is subject to known and unknown risks, uncertainties, assumptions and other important factors that may cause the actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information. Important factors that could cause actual results to differ, possibly materially, from those indicated by the forward-looking information include, but are not limited to, markets for renewable energy products, our operations, including organic growth in our recycling business, our ability to invest in landfill gas projects, our ability to invest in alternative fuel vehicles and the other factors described in the "Risk Factors" section of GFL's annual information form for the 2022 fiscal year filed on Form 40-F and GFL's other periodic filings with the U.S. Securities and Exchange Commission and the securities commissions or similar regulatory authorities in Canada.

There can be no assurance that the underlying opinions, estimates and assumptions will prove to be correct. Although we have attempted to identify important risk factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors not currently known to us or that we currently believe are not material that could also cause actual results or future events to differ materially from those expressed in such forward-looking information.

The forward-looking information contained in this report represents our expectations as of the date of this report (or as the date it is otherwise stated to be made), and is subject to change after such date. However, we disclaim any intention or obligation or undertaking to update or revise any forward-looking information whether as a result of new information, future events or otherwise, except as required under applicable securities laws.

Message from Our Founder and CEO



As I have said many times, it is our more than 19,500 Team Green employees who drive the success of GFL's business every day. This report highlights their vital role in providing exceptional service to our customers, sharing their innovative solutions to improve our business through our Greenlight Workshops and working with our communities at the more than 200 local charitable events that our employees supported last year through our Full Circle Project.

Providing the services that meet our customers' demand for sustainable solutions that contribute to a more circular economy and that help them achieve their own sustainability goals has always been a key part of GFL's organic growth strategy. Our investments in renewable natural gas projects and recycling infrastructure that are highlighted in this report are the latest examples of us executing this strategy.

In 2022, we started construction of the renewable natural gas project at the Arbor Hills Landfill in Michigan which is now on-line. This RNG facility is the first and largest of the landfill gas to renewable energy projects that we

are developing and expect to come on-line between now and 2026. These renewable energy projects at our landfills will provide a valuable source of alternative fuels to the transportation and other voluntary markets, including as a source of fuel for our CNG fleet or to produce electricity from a renewable resource. They will also result in greater capture of landfill gas that will help us to achieve the GHG emissions reduction target that we have set for our own operations by 2030.

We have continued to grow our materials recycling and recovery operations, almost doubling the beneficial reuse of soils through our soil recycling operations and increasing the volume of organics that we managed and that were diverted from landfill disposal by more than 70% in 2022. We also commissioned our new 110,000 tonne per year material recovery facility (MRF) in Pontiac, Michigan that will support our goal to increase recyclables recovered at our MRFs.

Since we became the sole service provider to Recycle BC under the British Columbia Extended Producer Responsibility (EPR) program in 2020, we have seen the introduction of EPR programs in other markets in which we operate as an opportunity to support our customers' recycling and recovery goals, and to also provide strong, stable returns to GFL as an experienced, provider of choice to the producer responsibility organizations that run these programs. Both Ontario and Quebec have adopted EPR legislation and in 2023, we were awarded a significant base of new, long-term recyclables processing, transfer and collection contracts. We expect to continue to expand our EPR-based recycling services in the near term in support of these important market driven innovations to the traditional commodities-based model for the management of recyclables.

Our Sustainability Action Plan includes our on-going commitments to build Team Green by increasing the number of women employees at all levels across GFL. In 2022, we increased the total number of women employees across GFL and importantly, increased the percentage of women employees in leadership roles. We believe that increasing the participation of women in leadership at GFL will help drive greater attraction and retention of female employees.

Our first priority is always the health and safety of our employees and we were very honored when our Environmental Services Division was recognized as one of America's Safest Companies of 2022. Last year also saw the full implementation of our Safety Environmental Management System which contributed to the significant improvement in our total recordable incident rate that is described in this report.

Last year we established our Sustainability Action Plan that includes our sustainability goals, targets and commitments. 2022 was a year of continuing to build the infrastructure that is the foundation for executing on both our business strategy and our Plan that together will be key to creating accretive long-term value for all of our stakeholders. We hope that after reading this report, you will share in our excitement for the opportunities we see before us to build a more sustainable future together.

Patrick Dovigi

GFL Founder and CEO



GFL at a Glance



Our Operations

250+



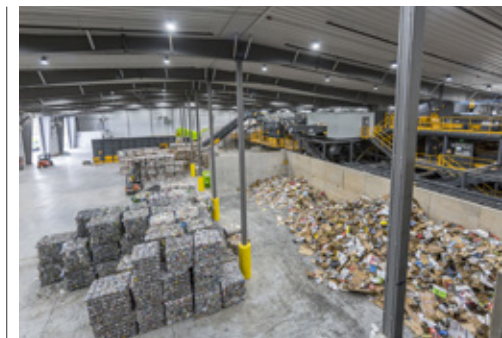
solid waste
collection operations



35+



material recovery
facilities (MRFs)



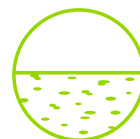
90+



active landfills owned,
managed, or operated



10+



soil remediation
facilities



130+



liquid waste
facilities

7,500+



solid waste
trucks

20+



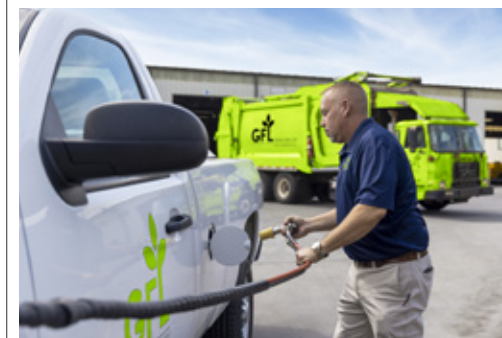
organic facilities



170+



transfer stations



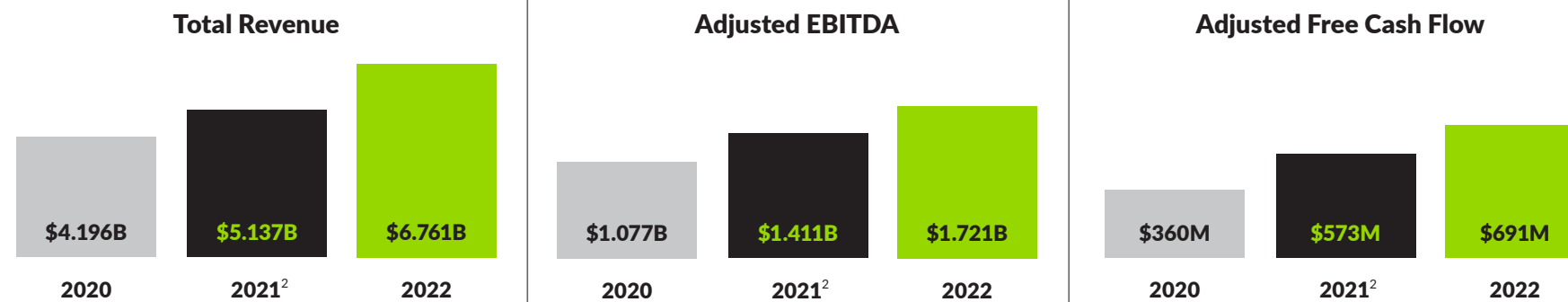
16%



of solid waste collection
fleet fueled by CNG¹

¹ Percentage of fleet fueled with CNG excludes fleet from acquisitions completed in 2022.

Financial Overview



Awards, Recognition and Certifications

Canada's Most Admired™ CEOs



2022 Carbon Clean 200



2023 Best 50 Corporate Citizens



2022 America's Safest Companies U.S.
(Environmental Services Division)



2022 Recycling Facility of the Year



2023 SEAL Environmental Initiative Award



2022 Community Involvement Award



2022 TEAPIII Certification
(Winnipeg Emergency Response Team)



COR Certification



² 2021 figure has been re-presented, please refer to Note 25 in the Annual Financial Statements located in GFL's 2022 Annual Report.

Helping Our Customers

GFL’s services allow our customers to achieve their own sustainability goals by providing them with options for environmentally responsible and sustainable management of the waste streams they produce.

Recyclable Material Managed by GFL

	2022
Recyclables and organics managed	~3.5 million tonnes
Beneficial use of landfill gas	~4 million MMBtu
Soil recycled	~4 million tonnes
Used motor oil and antifreeze recycled	340 million litres
Wastewater treated for our customers (e.g., septage, oily wastewater)	892 million litres



Avoided and Sequestered GHG Emissions for Our Customers

12.5 million tonnes of GHG emissions avoided and carbon sequestered (as CO₂e)

1,235 tonnes of GHG emissions avoided (as CO₂e) per million dollars of sales

Our Impact in 2022

Our services helped our customers:



Avoid GHG Emissions equivalent to taking **1.8 million*** gas powered vehicles off the road for 1 year.



Sequester carbon (in landfills) equivalent to growing over **67 million*** tree seedlings for 10 years.

* Numbers based on USEPA Greenhouse Gas Equivalencies Calculator:
<https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator#results>

Our Sustainability Action Plan

Our Sustainability Action Plan formalizes and broadens GFL's sustainability efforts and is our guide to:

- Avoid GHG emissions for our customers through the sustainable solutions that we provide such as greater resource recovery and recycling solutions and beneficial use of landfill gas.
- Reduce the direct GHG emissions from our operations through increased gas capture at our landfills and the use of alternative fuel vehicles in our fleet.
- Increase the sustainability innovations that come from within our business by continuing to invest in our employees and our entrepreneurial and innovative culture.



We issued our Sustainability Action Plan in November 2022 as part of our [2021 Sustainability Report](#). These are the 5 core elements of our Plan.

Our Vision: To be Green For Life

Our Values

Safe For Life | Teamwork | Solutions-focused | Entrepreneurial

Our Business Strategy

Drive operational excellence | Generate strong, stable organic growth
Execute strategic, accretive acquisitions | Invest in our entrepreneurial and innovative culture

Our Sustainability Governance

Sustainability Initiatives Committee reporting to the NGC Committee of Board | Risk Management Steering Committee reporting to the Audit Committee of Board

Our Sustainability Goals

Sustainability Governance

Our sustainability governance structure is designed to embed sustainability in everything we do. GFL's Board of Directors oversees the overall strategic direction of GFL and monitors material risks, including those related to climate change, through the Nomination, Governance and Compensation (NGC) Committee and the Audit Committee.

Our Sustainability Initiatives Committee (SUSIC) is responsible for:

- Defining our sustainability related key performance indicators (KPIs) to ensure accountability for achieving our goals and commitments.
- Updating as necessary, GFL's sustainability goals and strategies to ensure that sustainability continues to be integrated across our operations.

The SUSIC meets on a quarterly basis, and reports semi-annually to the NGC Committee.

Our Risk Management Steering Committee oversees the implementation of our enterprise risk management system, including our employee, health and safety and climate-related risks and opportunities and reports to the Audit Committee. Further information on our governance can be found in the Governance section of our [2023 CDP Climate Change Questionnaire](#).

Our Sustainability Goals



TRIR of 2.0 or less



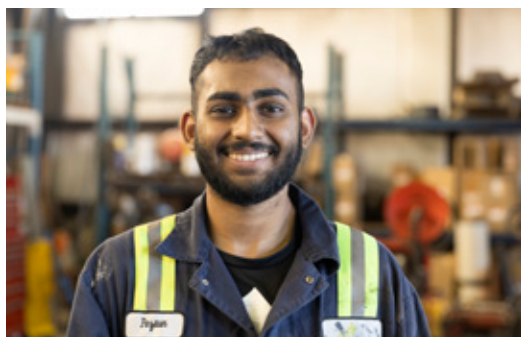
**Increase beneficial
use of biogas from landfills
2x by 2030**



**Increase recyclables recovered at
GFL MRFs by 40% by 2030**



**85% of our CNG fleet to be
powered by RNG by 2030³**



**Increase employee
retention**



**Increase percentage of women
in workforce annually**



**Decrease scope 1 and 2
emissions 15% by 2030**



**50% of annual solid waste
fleet replacements to be CNG
or alternative fuel vehicles**



**\$1.5M annually in donations
to communities through
GFL's Full Circle Project**



**Certify nature conservation
or protection projects for
10 sites by 2025**



**Use 100% renewable
electricity at our own
facilities by 2030**

³ U.S. fleet only.

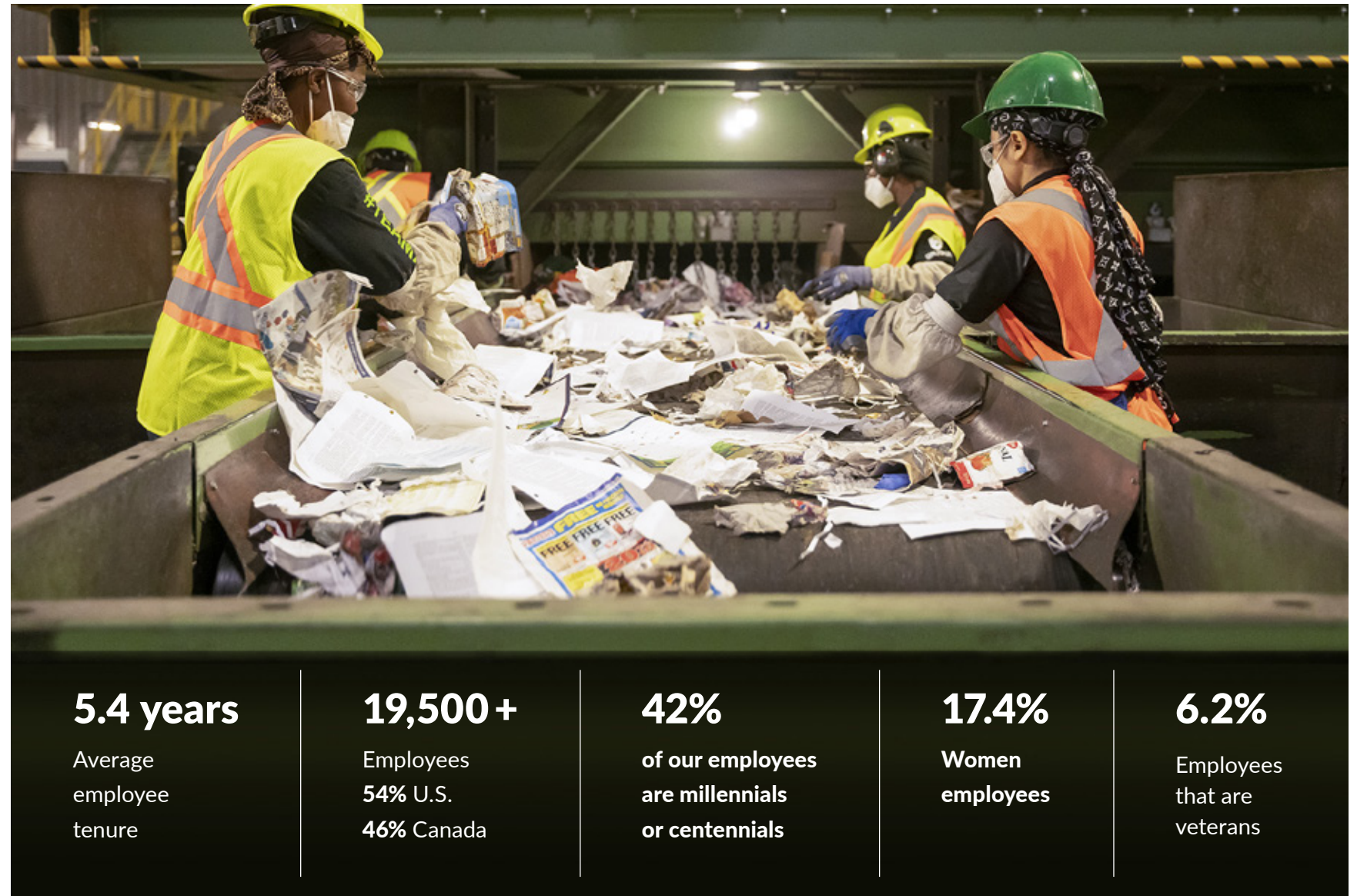


Team Green



Achievements

- Hired GFL's first Director of DEI&B.
- Increased total number of women employees at GFL by 5.5% YOY⁴ to 17.4%.
- Increased women in top management by 9% YOY to 23.1%.
- Lowered our TRIR by 17.9% YOY to 3.2.



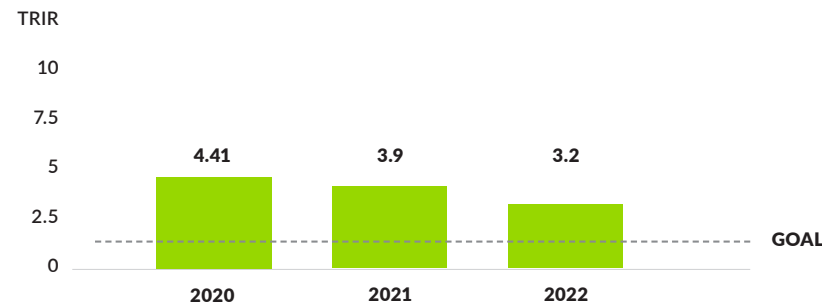
⁴ YOY = year over year.

Health and Safety

The health and safety of our employees will always be our top priority. Our comprehensive health and safety program, [Safe For Life](#), implements our [Corporate Health and Safety Policy](#) and provides our employees with best-in-class knowledge, training and resources to enable them to do their jobs safely.

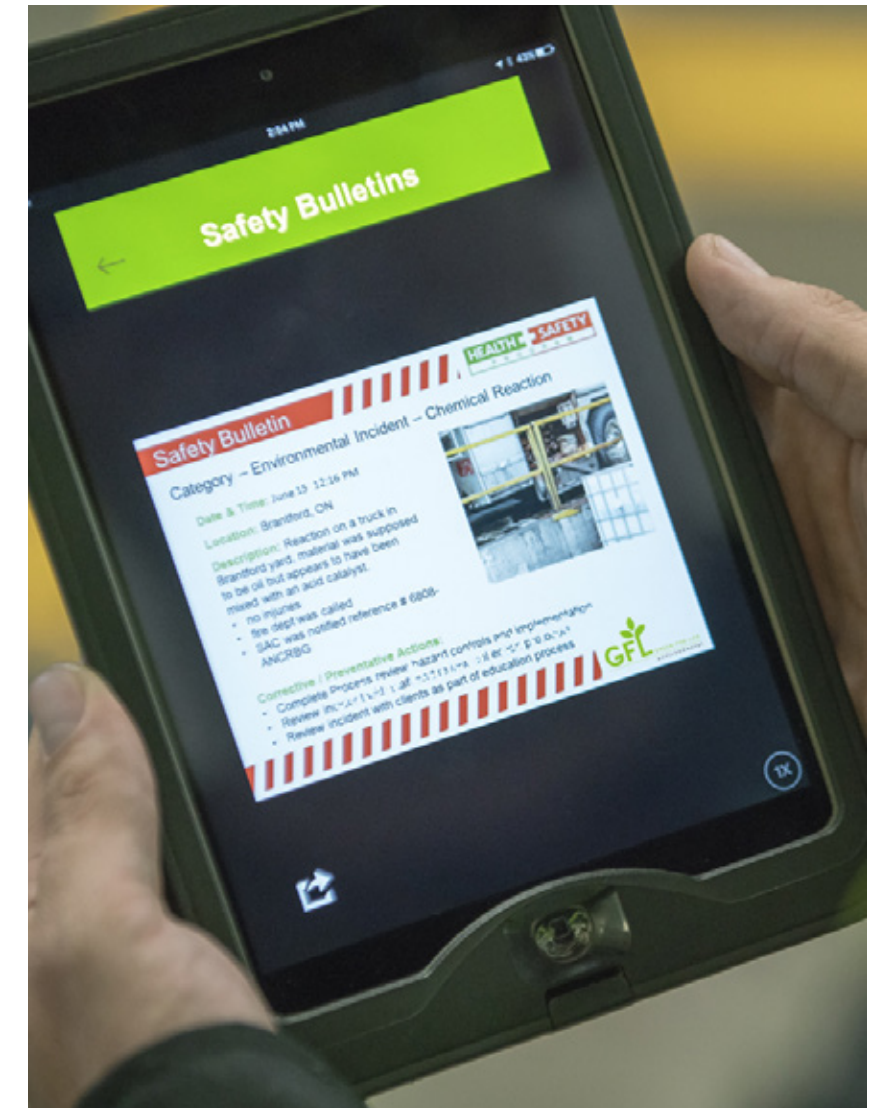
In 2022, we reduced our Total Recordable Incident Rate (TRIR) by almost 18% from the prior year.

GFL Total Recordable Incident Rate (TRIR)



Additional health and safety achievements and milestones for 2022 include:

- The first anniversary of the implementation of our enhanced Safety Environmental Management System (SEMS). SEMS is a state-of-the-art electronic tracking and reporting system that allows our field employees to record and track incidents and near misses in real time.
- Ongoing training of our field employees in the use of SEMS and the rollout of the SEMS App on driver mobile devices.
- Installation of on-board camera systems across more of our solid waste fleet. These systems allow us to capture and analyze driving events in real time and use this information to enhance training and improve driving habits.





Demonstrating their skills and attention to safety, GFL employees were celebrated at the 2022 SWANA (Solid Waste Association of North America) Road-E-O in North Carolina where they competed for top driving, operating and mechanical honors. Congratulations to all GFL employees for their participation and personifying GFL's Safe For Life culture.

Winners: (Back row L-R) Travis Brickman, Tracy Hendricks, Vincent Dublin, James Levett, Shawn Swafford, (Front row L-R) Garrett Riddle, Silas Metz, Preston Travelstead

Our Environmental Services Division was recognized as one of America's Safest Companies for 2022. We are proud of all our employees who practice our Safe for Life culture every day.

We are continuing to roll out our Safe For Life P.A.U.S.E. program that was designed in house by a GFL employee for GFL employees across our organization. P.A.U.S.E. is a personal risk assessment tool designed to help employees identify potential hazards before they start any task. This proactive process aims to improve our safety culture through continuous self-evaluation based on the principle of "engaging the mind before the hands".

P.A.U.S.E.

PAUSE, ANALYZE, UNDERSTAND,
SECURE, and ENGAGE



GFL's Environmental Services Canadian Emergency Response (ER) team based in Winnipeg, Manitoba recently achieved TEAP III (Transportation Emergency Assistance Program) certification. Achieving TEAP III certification required the ER team to demonstrate that we have the people, training, experience and equipment to provide 24 hour on-scene response to any transportation incident.

"We set TEAP III certification as a goal four years ago," said Shaune Zeleny, regional manager, Specialized Services and Emergency Response for Western Canada. "It took a lot of work and a lot of time, and all the credit should go to the team in Winnipeg. They did an amazing job."

GFL's primary response centres in Edmonton, Saskatoon, Thunder Bay, Toronto (ACCUWORX), Hamilton and Montreal, are also TEAP III-certified.



Culture and Engagement

Building on our success in 2022, we remain determined in our efforts to attract more women to our industry and provide our female employees with support and opportunities through initiatives like our Women in Waste program. We are in the process of developing our Women in Waste Employee Business Resource Group as our first EBRG. We intend to develop additional EBRGs in the future to provide more peer mentoring resources for our employees and promote their development, growth, and engagement with our communities through our Full Circle Project and Employee Sustainability Committees.



Women in the waste industry are driven to prove that they can perform in traditionally male-dominated occupations and skilled labour positions. At GFL, we are driven to create opportunities for all of our employees and to foster an environment that enables the success of our female employees whatever their chosen role. We are pleased to have been named as a **2023 Top Company for Women to Work For in Transportation** by The Women In Trucking Association.

As part of our multi-year strategy and roadmap to build greater Diversity, Equity, Inclusion and Belonging (DEI&B) across GFL, in 2022, we completed DEI&B training of senior managers across our various market areas. In 2023, we hired our first DEI&B Director who is responsible for ensuring the success of our DEI&B strategy by implementing the permanent, internal infrastructure to support greater employee engagement, develop our EBRGs and build a sustainable, inclusive support network for employees across GFL.

In 2022, we began the development of our corporate-wide Employee Engagement Survey that we have committed to conducting by 2025.

Honouring our veterans in 2022, the National Waste & Recycling Association (NWRA) awarded a unique challenge coin to waste and recycling industry employees to honour their US military service. Among the 47 veterans honoured, **30** are GFL employees. Congratulations to the award recipients and thank you to all GFL employees who are veterans and current reserve personnel for their service in the US and Canada.





Circular Economy and Climate Leadership



Achievements

- 1,235 tonnes of GHG emissions avoided (as CO₂e) per million dollars of sales.
- Increased % of CNG Solid Waste Collection Fleet by 5% YOY to 16%.⁵
- Construction of 2,500,000 MMBtu RNG facility at our Arbor Hills, MI landfill started in 2022 and completed in Q3 2023.



- Commissioned new 110,000 tonne/yr state-of-the-art MRF in Pontiac, MI.
- Awarded 2022 Recycling Facility of the Year by the National Waste and Recycling Association for our Arrow Road MRF in Ontario.

Our ambition to be a circular economy and climate leader in our industry is based on:

1. Providing our customers with waste diversion and reuse services which directly support the transition from a 'take-make-waste' extractive economy to a more circular one. Our services reduce our customers' need for virgin materials by providing reliable streams of high-quality recycled materials. Our services also help our customers reduce their GHG emissions.
2. Reducing our own GHG emissions through an achievable and transparent GHG reduction pathway. We aspire to set targets that would be accepted as science-based targets by organizations such as the Science Based Targets Initiative (SBTi). Given our significant growth — and that we are in the early stages of implementing our landfill gas capture and beneficial use initiatives — we have set a short-term goal to reduce our combined scope 1 and 2 GHG emissions by 15% by 2030.

We published our first Sustainability Action Plan at the end of 2022 in our 2021 Sustainability Report. Since then we have taken significant steps to establish the infrastructure we need to achieve our Plan through investments in recycling and organic waste processing assets, landfill gas collection systems, alternative fuel vehicles, landfill beneficial gas processing systems and related infrastructure.



⁵ Excludes contribution to fleet count from M&A (net of divestitures) completed in 2022.

Pathways to Helping Our Customers Achieve Their Sustainability Goals

Increasing Recovery of Recyclables

GFL’s expertise in diversion and recovery of recyclable materials supports the circular economy by providing solutions for our customers to divert reusable materials from landfills and allow us to recover higher rates of recyclable materials at our material recovery facilities. As part of our Sustainability Action Plan, we have committed to increase recyclables recovered at our MRFs by 40% by 2030. Our pathway to meeting this goal is through increasing the volume of recyclables received at our facilities while continuing to make investments in sophisticated sorting technologies and expanding our sorting capacity at existing and planned facilities that will increase our recovery rates.

Materials Recovered at GFL Facilities

All values in tonnes

	2022
Fibre	1,001,101
Plastic	184,185
Glass	91,124
Metal	66,636
Construction materials/ Wood	468,343
Other	8,882

Initiatives that are currently underway that will increase our recycling capacity in the coming years include our new 110,000 tonnes per year MRF in Pontiac, Michigan, which came online in late 2022, and the recently announced 150,000 tonnes per year facility⁶ for the City of Montreal that will support Quebec’s extended producer responsibility initiative.

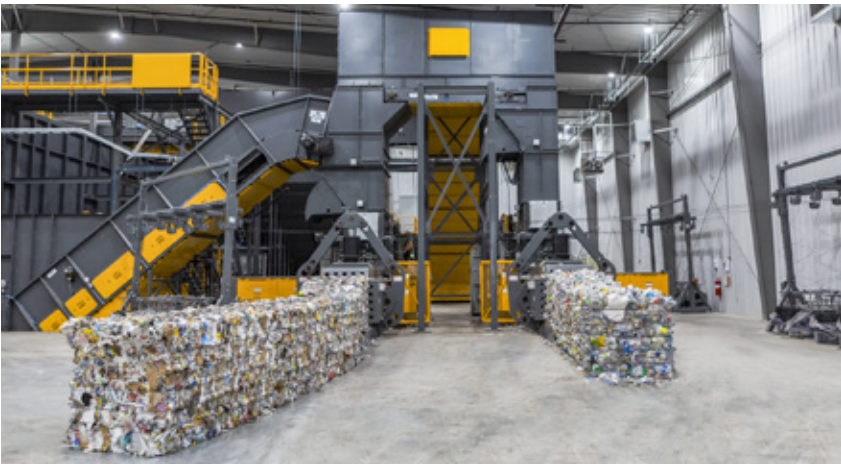
We completed the construction and commissioning of our new materials recovery facility in Pontiac, Michigan. This facility was modeled after our award-winning facility in Winnipeg, Manitoba. The facility has the capacity to process up to approximately 110,000 tonnes of materials per year and features 7 optical sorters.



⁶ GFL began construction of this facility in 2023.

In 2022, we saw a 70% increase in the volume of organics we managed and a 90% increase in soil volumes we received at our soil remediation facilities. The volume of used motor oil and antifreeze that we managed increased by 55% and the total volume of our customers’ wastewater that we treated increased by 124% from the prior year.

GFL has been operating the only full extended producer responsibility (or EPR) program in North America for the producer responsibility organization, Recycle BC, in British Columbia, Canada since May 2020. Based on this experience, we see EPR as an opportunity where we have first-mover advantage based on our market expertise and best in class asset base to support our customers’ increasing demand for greater recovery and availability of recycled content. In Ontario and Quebec, where legislation requiring the implementation of an EPR program has been adopted, in 2023 we have been awarded a significant base of new long-term recyclables processing, transfer and collection contracts and anticipate incremental opportunities arising from EPR to be realized in the near term.



Renewable Natural Gas: Increasing the Beneficial Use of Biogas

A key pillar of our Sustainability Action Plan is our goal to double the beneficial use of landfill gas by 2030 through the development of renewable energy projects at our landfills.

The investments we are making in landfill gas to energy projects often include well field improvements to maximize the capture of landfill gas for beneficial use. This higher level of landfill gas capture will help us to achieve our target of a reduction in Scope 1 and 2 GHG emission of 15% by 2030.

These projects will also increase our beneficial use of gas by producing renewable natural gas (RNG) to be used as a direct-use fuel, including to fuel GFL's own fleet of vehicles that run on compressed natural gas (CNG) and for sale into the transportation and other voluntary markets, or to produce electricity from a renewable resource.

In 2022, we started construction of the renewable natural gas project at the Arbor Hills Landfill in Michigan and which is now on-line. This RNG facility is the first and largest of the landfill gas to renewable energy

projects that we are developing and expect will come on-line between now and 2026.

With the renewable energy projects that we have underway and planned, we expect to achieve our goal of doubling our beneficial use of landfill gas by 2030.



The 2.5 million MMBtu Emerald RNG facility at GFL's Arbor Hills Landfill includes a sulfur treatment system that utilizes special media to remove sulfur and other impurities to produce pipeline-quality RNG. The facility also includes a thermal oxidizer and backup flare to destroy fugitive landfill gas emissions in the event of planned or unplanned shutdowns of the facility.



Pathway to Reducing our GHG Emissions

In our 2021 Sustainability Report, we provided the figure below to illustrate the emissions reduction pathway we intend to follow to achieve our goal to reduce our total scope 1 and 2 GHG emissions by 15% by 2030.

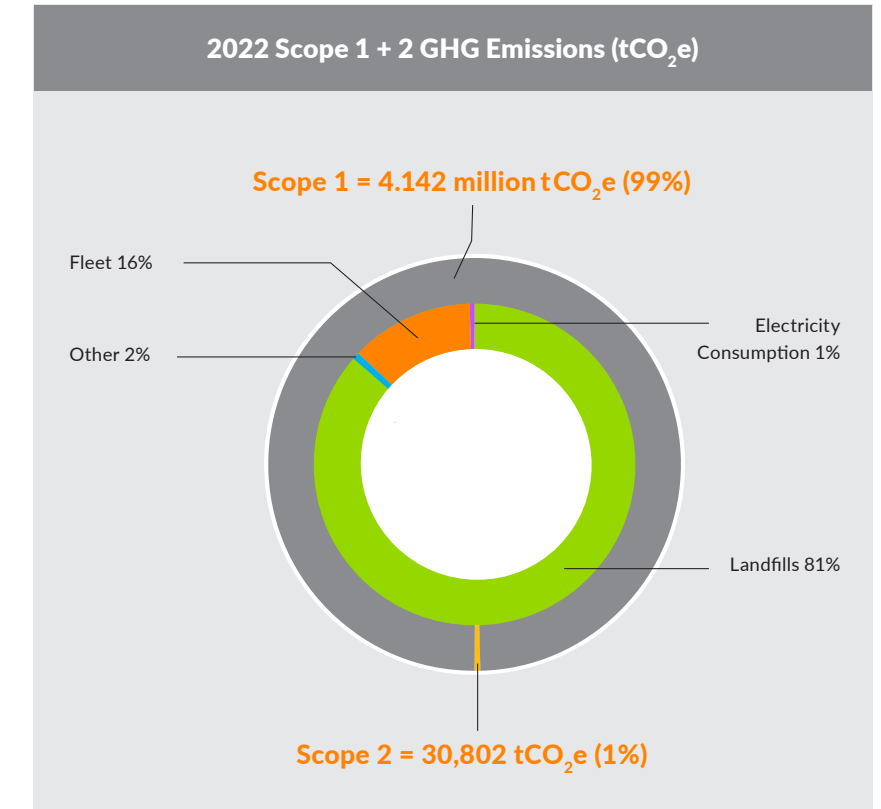
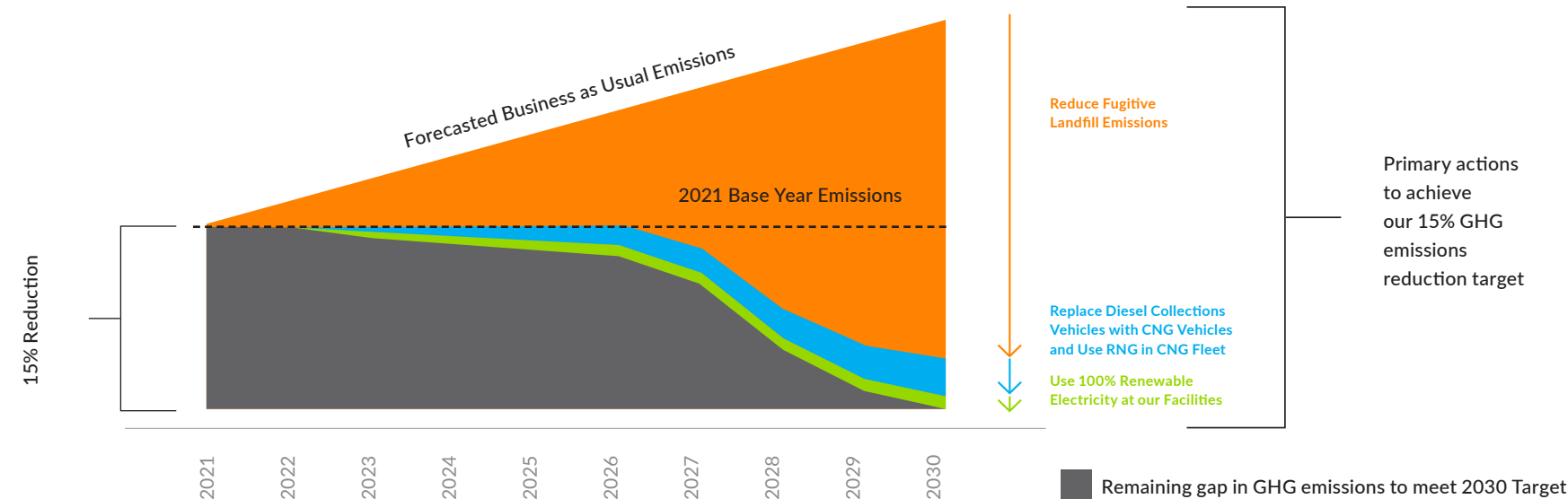
With the recognition of landfill gas as a renewable energy resource, the future of landfill gas management is focused on continuing to ensure environmental protection while achieving higher gas capture efficiencies to reduce fugitive landfill gas emissions.

To facilitate this, in addition to our investments in well field improvements in connection with our renewable energy projects, through our Landfill Gas Working Group we are improving the tracking of emissions from our landfills and participating in industry working groups to develop the next generation of tools that more accurately measure and monitor landfill gas emissions.

In order to reduce our fleet emissions, we have set a target of 50% of our annual solid waste fleet replacements to be CNG or alternative fuel vehicles. In 2022, we increased the percentage of CNG vehicles in our fleet to 16%, excluding the impact of fleet acquired through business acquisitions.

To reduce our scope 2 emissions, we have committed to 100% use of renewable electricity in operations under our control by 2030. We plan to achieve this goal by using landfill gas for heat and power, installing other forms of renewable energy and purchasing electricity from market-based instruments. As a first step, in 2022 we implemented a utility bill management system to improve the quality of our data on our electricity usage data which had previously been estimated.

In 2022 our GHG emissions increased by approximately 5% largely as a result of the impact of acquisitions, net of divestitures. Excluding that impact, our GHG emissions were relatively flat and in-line with our pathway. For our 2023 reporting year, we intend to adjust our 2021 base year emissions to reflect the impact of these acquisitions (net of divestitures) as well as changes to the calculation methodologies that we made in 2022.





GFL Environmental presents:

Greenlight Innovation Workshop

GFL is committed to supporting our entrepreneurial and innovative culture. Our Greenlight Innovation Contest and Workshop, part of our award-winning Environmental Innovation Program, encourages employees to create sustainable solutions that we can implement across our lines of business and geographies. This initiative provides opportunities for employees to increase their knowledge of our business and network with other employees across our footprint, while contributing creative solutions.

Congratulations to our 2023 Contest winners Brian Burfoot, for his idea on optimizing our parts inventory, and Rich Lagani, for his plan to improve paint recovery and recycling. Congratulations to our Workshop Team Challenge winners Seth Heath, Denise Imbeau, Joshua Tracey, David Gendreau, and Reggie Sherman, for their ideas on helping our customers track progress towards their own sustainability goals.



Denise Imbeau



Seth Heath



Rich Lagani



Joshua Tracey



Reggie Sherman



David Gendreau



Brian Burfoot



Environmental Stewardship

Achievements

- Partnership formed with [Wildlife Habitat Council](#) on certification of conservation projects



Biodiversity and Nature Conservation

To fulfill our commitment to certify at least 10 nature conservation or protection projects at our facilities by 2025 we have partnered with the Wildlife Habitat Council (WHC).

WHC will help GFL create a meaningful impact on the environment and the communities we serve through these projects..

Environmental Services

Our commitment to environmental stewardship is made through our [Corporate Environmental Policy](#) and implemented through our [Environmental Management System \(EMS\)](#). Over 15 years, we have developed an extensive and integrated network of solid waste, liquid waste and soil recycling operations that, in combination with our collection and emergency response services, provide our customers with a full suite of environmental solutions that we deliver safely and responsibly.

Soil Remediation Services

GFL offers full-service soil management solutions that include the treatment of contaminated soils, excess soil disposal, and tracking. In 2022, we processed almost 4 million tonnes of soil, a 90% increase over 2021 volumes. We are equipped to support projects from start to finish and provide remediation for contaminated sites. Our facilities offer soil remediation through techniques such as bioremediation, solidification/stabilization and thermal desorption that divert contaminated soils that would otherwise go to landfill for disposal or as alternative daily cover.

Ontario has strict regulations for the handling and management of excess soil excavated during construction activities. To help meet these requirements, we have implemented our own soil tracking solution, [Project Area Tracking Hub \(PATH\)](#), a comprehensive soil management software that offers real-time, cradle-to-grave solutions for soil tracking. PATH empowers GFL staff to efficiently manage excess soil reports, records and invoices to help ensure compliance with these regulations.

In Canada, our soil operations are primarily based in Ontario with 7 fully regulated and licensed Class 1 Soil Management Sites located in southwestern, central and eastern portions of the province. We also have a soil facility in each of Saskatchewan and British Columbia.

In the United States, operating as Soil Safe, GFL has soil recycling facilities in New Jersey, Maryland and California, where we process petroleum impacted soil and similar materials into engineered products meeting market specifications for use in a variety of construction and real estate

development projects. Petroleum contaminated soils are processed into engineered fill using our demonstrated stabilization technology or thermal desorption/combustion. Our primary end-market for our products is for capping previously contaminated properties. We also process clean dredge material to make manufactured topsoil. All materials are tested before receipt on site and again after processing to ensure compliance with local, state and federal permits.

Our services provide significant benefits to our customers and promote environmental sustainability by:

- Remediating and reusing contaminated soil that would otherwise remain a potential source of in situ contamination to the surrounding environment, air and water.
- Diverting contaminated soil from disposal in landfills.
- Unlocking brownfield sites for recreational, conservation or commercial redevelopment projects. Projects like these can help protect nature and bring new jobs and sources of revenue.



Case Study:



Remediation of Cyanide-Contaminated Site, Carteret, New Jersey

Our soil operations in the United States specialize in remediating contaminated and hazardous sites so that they can be used for sustainable commercial, industrial, recreational or other development opportunities. In a recently completed project in New Jersey, Soil Safe worked with a landowner to remediate 85 acres that, for 40 years, had been home to 6 lagoons filled with cyanide-contaminated sludge from a prior heavy industrial use. Local officials had tried unsuccessfully for years to find a solution to the significant environmental and geotechnical issues plaguing the site. The landowner retained Soil Safe to use its engineered fill technology to cap the site to control the sludge pits and contain any future release from the site. Since the completion of our work, the site has been developed into 1.2 million square foot above-grade warehouse space that will bring jobs and inject millions of dollars in property taxes into the community over the next three decades.



Liquid Waste Disposal and Treatment Services

From specialized collection, disposal and recycling services to 24/7 HAZMAT emergency response, GFL has the equipment, experience and trained personnel to safely handle practically any liquid or hazardous waste our customers generate.

In 2022, our liquid waste disposal and treatment services throughout Canada and the United States managed over 890 million litres of wastewater – a 124% increase from the volume we managed in 2021. We also managed 340 million litres of used motor oil and antifreeze.

Emergency Response Services

From industrial spills to cleanup required following severe weather events, our Emergency Response Division has highly trained personnel and specialized equipment for immediate deployment to any incident scene to assist our customers with emergency response and post event recovery.

Our HAZMAT and Dangerous Goods Emergency Response Services are verified to the highest industry standards in emergency preparedness and response. We offer our clients and customers unique cradle-to-grave solutions which include full incident management, equipment mobilization, site mitigation and remediation, waste management, and closure. Our in-house capacity to receive and treat waste recovered from incident sites provides our customers with an efficient, effective, and total solution. Our responders receive the latest training from the most respected institutes in North America to cover a wide range of skills and specializations to ensure that they are prepared to excel in addressing all scenarios that our customers experience.

Case Study:

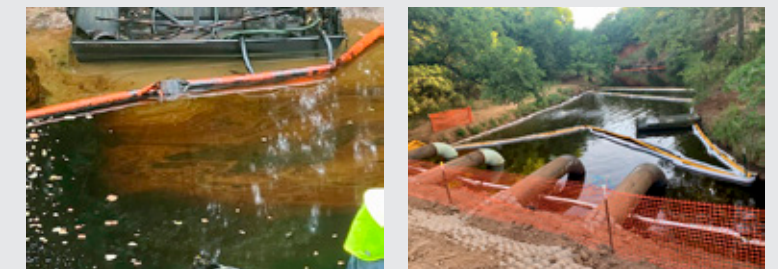


Customer Oil Spill, Cushing, Oklahoma

Last summer, a 4 am phone call alerted Lew Shideler, GFL's industrial branch manager, Liquid/Industrial Emergency Response (ER), to an oil spill near Cushing, Oklahoma. Arriving on site in the dark, he didn't fully appreciate the challenges he and his ER team would face until the sun came up. Lew recalls standing on a bridge with the customer in the early morning light staring down at a creek which was full of oil. "It was a couple more hours before we were able to get land access in a few places and we took a walk through the trees once it got light," Lew said. "We could not have had better timing. A wall of crude came around the corner, and we were able to throw a boom to stop it."

Realizing the scale of the incident required more responders than just the Cushing ER Team. GFL had up to 175 people providing coverage 24 hours a day, seven days a week.

In handling this massive effort, the team demonstrated logistical coordination, strong leadership, teamwork, tireless effort and a wholehearted commitment to doing the best for the customer to make the operation a success in protecting the natural environment from the impact of the customer's spill.





Our Communities



Achievements

- \$1,495,160⁷ in Full Circle Project Donations.
- Official Sustainability and Exclusive Waste Management Partner of the Niagara 2022 Canada Summer Games in Niagara, Ontario.

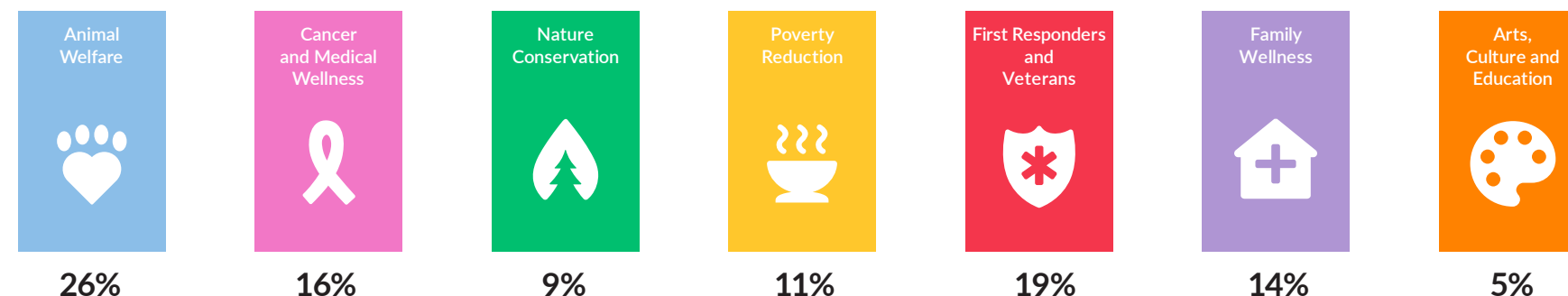


⁷ Represents donations allocated in 2022 calendar year. This amount includes only corporate giving through the GFL FCP. Additional giving also occurs at the regional and branch level.

Community Involvement

GFL is committed to supporting and giving back to the communities we work in and serve. In 2022, we achieved our Sustainability Action Plan goal of providing \$1.5M in donations to local charities through our signature Full Circle Project charity giving program. The Full Circle Project (FCP) supports local charities in 7 categories of charitable giving. Our customers are encouraged to vote for their charity category of choice to determine where a portion of our donations are directed. Our employees then identify local charities in these categories to receive a donation from GFL and for employees to volunteer their time.

FCP is focused on building relationships with organizations that shape where GFL employees live and work.



Donation Spend Percentages

The Full Circle Project

Guest House of Milwaukee – Muskego, Wisconsin

The Guest House of Milwaukee is the city's largest publicly-funded homeless shelter, which provides a food pantry and community garden for low-income individuals and families. In addition to a \$5,000 donation from the FCP, Team Green employees volunteered their time at the shelter's gardens.



Friends of the Little White House – Greenville, South Carolina

Friends of the Little White House is a charitable organization that provides education and life skills for children with autism and special needs. GFL provided a \$5,000 FCP donation and local employees volunteered at a fund-raising event.

The Canadian Red Cross – St John's, Newfoundland

The Canadian Red Cross works to provide humanitarian assistance and risk reduction activities beyond the individual and community level. GFL provided a \$25,000 donation to help relief efforts to Canadians affected by Hurricane Fiona.

GFL Green For WildLife – Earth Day

To support Earth Day 2022 GFL created the Green For WildLife campaign, which donated \$22,500 to nine charitable organizations chosen by our employees that work to support local wildlife in both Canada and the United States.



Ontario Turtle Conservation Centre – Toronto, Ontario

The Ontario Turtle Conservation Centre's (OTCC) mission is to protect and conserve Ontario's native turtles and their habitat through rescue, rehabilitation, research, and educational outreach. To support the OTCC, GFL provided a \$5,000 FCP donation that went towards saving injured turtles, and local GFL employees volunteered at the Ontario Turtle and Education Centre.

Community Involvement

Local Partnership and Sponsorship Activities

2022 Canada Summer Games



GFL was proud to be the official presenting Sponsor of Sustainability and Exclusive Waste Management Partner for the Canada Summer Games, hosted in the Niagara Region of Ontario. With this sponsorship, GFL supported multiple sustainability activities at the Games such as waste diversion efforts, education initiatives and sustainability events.

GFL also became the naming sponsor of the GFL Environmental International Track and Field Centre and the GFL Environmental Arena in Thorold, Ontario. The new internationally certified outdoor track and field centre hosts high-level competitions and championships such as the Pan Am Trials, Olympic Trials and World Championships.



Veterans Coming Home Center

Employees and their families from GFL's Springfield, Missouri call center volunteered to serve food at the Veterans Coming Home Center, the only daytime, drop-in shelter in the city of Springfield. The initiative served over 150 people in the community.

Maison du Réconfort

Our Matrec employees in Quebec, Canada were recognized at le Conseil des Entreprises en Technologies Environnementales du Québec (CETEQ) Awards for their continued community work with La Maison du Réconfort, an organization that provides shelter and assistance to women who experience domestic violence.



Employee Sustainability Committees

GFL's Employee Sustainability Committees (ESCs) support our employees in a grassroots approach to increase employee participation in implementing sustainable initiatives and projects at our facilities and in the communities in which we operate.

In 2022, we increased the number of ESCs at GFL to 16, putting us well on track to meet our Sustainability Action Plan goal to have 18 ESCs by the end of 2025.

Partnering with Indigenous Communities

We are committed to building meaningful partnerships with Indigenous communities that help create mutually beneficial economic, employment, and training opportunities, while honouring our shared commitment to protect the environment. Our priority is to build long-term relationships that will benefit our partner communities and GFL for years to come. Our approach to working for and with Indigenous communities has centred on the following three common goals:

People – we look to engage in activities that support employment opportunities for Indigenous peoples at GFL, promote education, and provide increased awareness of Indigenous history, culture and values.

Business – we seek to create business opportunities for our Indigenous partners and support for Indigenous businesses.

Environment - we have a shared focus of taking care of the environment and the land that we live on.



A mutual respect for the land that we live on and a focus on caring for the environment have provided the foundation for a meaningful collaboration between GFL and Cheam Enterprises Inc. (CEI).

“What makes the relationship between GFL and CEI special is that it is truly about working together to take care of and protect the Cheam First Nation lands,” said Blair Dueck, GFL’s senior account manager, Indigenous Engagement. “GFL respects and acknowledges the Cheam First Nation knowledge transfer that sustains their culture and traditions, and the stewardship of their land and water for future generations.”

In collaboration with CEI, GFL is providing environmental solutions for the collection, disposal and recycling of waste materials generated by a nearby pipeline project.

The services GFL provides maximize opportunities for reuse, recycling and waste diversion of materials which help preserve Cheam lands and water. Covering an area from Hope to Langley, British Columbia, GFL has treated over 8 million liters of wastewater, removed 250,000kg of contaminated soils, and collected over 35,000kg of garbage and various other waste materials along the pipeline right-of-way in Hope, BC.

GFL and CEI have worked together since August 2020 and Dueck cites “open communication at the very beginning between Cheam and GFL” as an important aspect of this successful partnership.

“It is by truly listening, understanding and working with Indigenous groups on caring for traditional lands that we are able to form meaningful and respectful economic partnerships,” Dueck said.



Appendix





Alignment of GFL Sustainability Action Plan & United Nations Sustainable Development Goals

The table below shows how our goals and commitments are aligned with the United Nations Sustainable Development Goals (UN SDGs).

Employee Goals

- o Reduce Total Recordable Incident Rate (TRIR) to 2.0 or less
- o Increase employee retention
- o Increase percentage of women in workforce annually

UN SDG Alignment



Circular Economy and Climate Leadership Goals

- o Reduce total scope 1 and 2 GHG emissions by 15%
 - Fleet emissions reduction strategy
 - 50% of annual solid waste fleet replacements to be CNG or alternative fuel vehicles
 - 85% of our CNG fleet to be powered by RNG in 2030
 - 100% renewable electricity use at our facilities
- o Increase recyclables recovered at GFL MRFs by 40% by 2030
- o Double our beneficial use of biogas from our landfills by 2030

UN SDG Alignment



Environmental Stewardship Goals

- o Reduce non-GHG related air emissions (year over year)
- o Obtain nature conservation or protection-related certifications for 10 sites by 2025
- o Complete sustainability supply chain management audits for 100 Critical Tier 1 suppliers by 2025

UN SDG Alignment



Community Goals

- o Donate \$1.5 million to communities annually through GFL's Full Circle Project

UN SDG Alignment



