










2023 Sustainability Report

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 Goal achieved

2022 Goal Overview	Achieved
Support a Total of 5 community support projects	
Achieve & maintain a diversion rate of 95% and conduct quarterly waste audits	
Continue to work with environmental stewardship organizations	
Aim to reduce paper usage by 0.5%	
Maintain electricity usage of .55% of revenue or less	
Achieve Zero lost time injuries	
CleanRiver's 2022 Goal: achieve 8 social events throughout the year	
All new employees received 'Our Way' training during their onboarding.	



CEO's Message



The world is facing significant environmental challenges, including climate change, biodiversity loss, and resource depletion. As a result, sustainability has become a critical issue for individuals, organizations, and governments worldwide. At CleanRiver, we recognize the importance of sustainability and are committed to playing our part in creating a more sustainable future.

We believe that everyone can make a difference – including us. From promoting litterless lunches to managing our paper usage, we are fully committed to practicing sustainability in all of our day-to-day operations. This is why we are thrilled to share our sustainability report, which is our gut check on meeting our relevant sustainability goals and taking the opportunity to review areas of improvement towards a more sustainable future.

Bruce Buchan, Founder & CEO

Employee Engagement

Employee engagement is a critical part of our sustainability efforts. CleanRiver provides training and resources to our employees to promote sustainability in the workplace and at home. We also encourage our employees to suggest and implement sustainability initiatives and recognize their contributions to our sustainability goals.

Our Green team meets on a regular basis to monitor and improve the level of sustainability with a focus on corporate, community, and employee engagement.



We provide new hires with a litterless lunch kit to reduce single-use items

CleanRiver's Green team has quarterly meetings to ensure sustainability activities





CleanRiver in the Community

Community Support

CleanRiver is always looking for opportunities and ways to support the community and give back. In the midst of the pandemic, we acquired face Masks and face-Shields and did our best to donate PPE where it was needed most: Hospitals and at-risk / high-risk organizations.



GOAL: Support a total of 5 community projects in 2022



2023 GOAL: Support a total of 5 community projects in 2024

Scanlon Creek Lake Simcoe Regional Conservation Authority

- Donation
- Tree Planting

A Greener Future

- Donation
- Cleanup Event

Circular Innovation Council

- Membership
- Bin Donation

Hospital & Care Home donations

- PPE Donation

Aurora Food Pantry

- Donation
- Food donation

Charity Golf Tournaments (BGIS, ACOC)

- Donation
- Participation

Project Nestbox

Project Nest Box connects students with nature by supplying bird nest boxes made from our scrap plastic recycled lumber, to K-12 schools across North America.

Students monitor the nests bi-weekly and report data to Bird Studies Canada's Project NestWatch. Students learn more about different bird species, while gathering important information.

PNB was relaunched in May after a 2 year hiatus due to covid, with a total of 120 participating schools across the North America.



GOAL: 200 participants for PNB in 2023

2023 GOAL: 200 participants for PNB in 2023 in 2024





Waste Reduction

Paper & Electricity Usage

Paper Usage: Our aim is to minimize paper consumption by digitizing numerous processes. To achieve this, all printers are preconfigured for double-sided printing, effectively reducing paper usage. Additionally, we actively encourage the use of digital formats whenever feasible, further promoting our commitment to environmental sustainability. Our current paper usage for 2022 was 0.003% of revenue.



GOAL: Paper usage to be .005% or less of revenue for 2022

2023 GOAL: Paper usage.005% or less of revenue for 2023

Electricity Usage: CleanRiver is committed to reducing our electricity consumption as we strive to lower our ecological footprint. In 2022 CleanRiver was focusing on lighting retrofits across our facility to enhance energy efficiency and decrease power usage. Our current usage in 2023 was 0.79% of revenue.



GOAL: To maintain electricity usage of 0.55% of revenue or less for 2022

2023 GOAL: To maintain electricity usage of 0.55% of revenue or less

E-Waste

CleanRiver has a designated e-waste collection area in our facility. Employees can bring e-waste from home in addition to the e-waste generated in our work environment. We collected a total of 696 lbs of e-waste, which would save up to 832.81kg CO2 equivalent. About 11165g of Aluminum was recycled and 3560g of copper.



Remote Work

Sustainability and remote work go hand in hand as they both contribute to reducing carbon emissions and promoting a greener future. By eliminating the need for daily commuting, remote work significantly decreases the reliance on fossil fuels and lowers overall energy consumption. According to [watershed.com](https://www.watershed.com), it is estimated that CleanRiver's remote work policy reduces workplace emissions by 31% annually. Preventing the forecasted 68 tons of CO₂ is the same as switching 12 homes to use 100% renewable energy 🏠



Carpooling

Carpooling plays a crucial role in promoting sustainability by reducing the overall carbon emissions associated with transportation. It also helps conserve energy resources by optimizing vehicle occupancy and maximizing the efficiency of transportation systems. CleanRiver's employees participate in carpooling where they can, and at 122km with 6 people, three times a week, we save approximately 14.091 kg of CO₂ emissions per week.

Lean Manufacturing



Our lean manufacturing facility produces minimal waste. The plastic lumber debris collected during our manufacturing process is shipped back to our supplier who then regrinds the chips and recycles them into new plastic lumber, closing the loop on a complete cradle-to-cradle (C2C), waste-free life cycle for our recycling containers.

In 2022 we sent 278,213 lbs of scrap material to be recycled back into HDPE plastic lumber

We also installed a series of chip extraction systems to collect shavings from our manufacturing process. The shavings are collected in a hopper and transported back to numerous manufacturers to be recycled into other goods. In 2022 we sent 145,064 lbs of shavings to be recycled into other goods

You can return your CleanRiver recycling unit at the end of life and the unit will be broken down and recycled into new plastic lumber, completing the cradle-to-cradle philosophy.





Corporate Responsibilities

Health & Safety

CleanRiver.com proudly prioritizes the well-being and safety of our employees, and we have successfully achieved our goal of zero lost time injuries. This accomplishment reflects our unwavering commitment to maintaining a safe working environment through rigorous safety protocols, comprehensive training, and a culture of awareness.

Our ongoing dedication ensures that the health and safety of our workforce remains paramount in our operations. We will continue striving for excellence, maintaining a zero lost time injury record as a testament to our unwavering commitment to employee well-being.



Goal: we achieved the goal of zero lost time injuries in 2022



2023 goal: achieve the goal of zero lost time injuries



Social Events

CleanRiver successfully achieved its goal of enhancing employee engagement through a diverse array of engaging social events last year.

These memorable occasions included lively BBQs, delightful food truck experiences, an exhilarating golf tournament, fulfilling tree planting initiatives, and impactful park cleanup activities.



CleanRiver's 2022 Goal: achieve 8 social events throughout the year



2023 Goal: achieve 10 social events throughout the year

Our Way

By creating smarter recycling solutions, we make it easy to do the right thing. We pull together as one team of passionate, accountable people to create a safe and uplifting environment based on initiative, trust, and respect. Our client's success becomes our success as we aspire to never waste a moment in making the planet a better place. ‘

Performance Management:

Clean River has a thorough performance management system designed to motivate and engage our team to strive to be the very best at what they do. Goals are set to make sure employees and leaders are aligned.



Goal: All new employees received ‘Our Way’ training during their onboarding in 2022



2023 Goal: Ensure all new employees have necessary Our Way training during their onboarding.



Conclusion

As we look to the future, Clean River remains committed to sustainability and driving positive environmental change. We will continue to develop and implement sustainable initiatives across our operations and encourage our partners and suppliers to adopt sustainable practices. We also aim to expand our sustainability efforts beyond our facilities and into the wider community to inspire others to take action and create a more sustainable future.

We believe that collaboration and collective action are essential to creating a more sustainable future, and we encourage everyone to join us in taking action to protect the environment. Together, we can make a difference.