

Annual Report

April 2021-March 2022



**Pollution
Probe**



Table of Contents

ABOUT POLLUTION PROBE.....	3
BOARDMEMBERS, STAFF, INTERNS 2021-2022.....	4
STATEMENT FROM THE CHIEF EXECUTIVE OFFICER.....	5
PROGRAMS.....	6
CIRCULAR ECONOMY.....	7
ENERGY.....	10
TRANSPORTATION	12
WATER.....	15
EVENTS.....	17
THANK YOU TO OUR 2021 GALA & CONFERENCE SPONSORS	20
DONOR RECOGNITION.....	21
SUPPORT POLLUTION PROBE TODAY.....	27
FINANCIAL INFORMATION - THE POLLUTION PROBE FOUNDATION.....	28

ABOUT POLLUTION PROBE

Pollution Probe is a Canadian charitable environmental organization (Charitable BN 108092701 RR0001) founded in 1969 by University of Toronto students and faculty.

Over the past five decades, Pollution Probe has been at the forefront of progress on a range of environmental issues. Progress on many of these issues took decades of hard work to achieve.

We pursue environmental gains by working productively with governments, industry and the public, with a steadfast commitment to Clean Air, Clean Water, and a Healthy Planet.

We engage people as thinkers to nurture and act on areas of consensus. Our niche in the environmental movement lies in our systems approach, which embraces three principal drivers for progress:

TECHNOLOGY AND INNOVATION
RULE MAKING
BEHAVIOURAL CHANGE

OUR MISSION

To find substantive and enduring solutions to pressing environmental issues.

OUR VISION

Canada is a place where all people live, work, and prosper in harmony with a healthy environment.

OUR VALUES

We are non-partisan and non-ideological and operate as follows:

- Use sound science
- Engage in productive partnerships
- Foster and facilitate multi-stakeholder collaboration
- Listen respectfully and learn from others
- Seek solutions that are fair and equitable for all Canadians
- Maintain our independence in defending human health and the natural environment

STAFF (AS AT MARCH 2022)

Christopher Hilkene – Chief Executive Officer

Richard Carlson – Director, Energy Policy

Melissa DeYoung – Director, Policy & Programs

Navjot Dhaliwal – Research and Project Assistant

Mariana Eret – Lead, Research & Analysis (on Maternity Leave)

Samantha Lau – Lead, Research & Analysis

Sid Markowski – Director, Finance

Derek May – Senior Project Manager

Steve McCauley – Senior Director, Policy

Juliet Rennick – Research and Project Assistant

Shahreen Shehwar – Research and Project Assistant

Tatiana Slobodcicov – Annual Giving Manager

Fern Tran – Senior Manager, Corporate Services

INTERNS 2021-2022

Marc Saleh – Research and Project Assistant

BOARD OF DIRECTORS (AS AT MARCH 2022)

CHAIR

Sean Morley

DIRECTOR

Natasha Arsenijevich

Michael Brophy

Marianne Hatzopoulou

Aaina Grover

Fiona Jones

Steve McCauley

Parminder Sandhu

STATEMENT FROM THE CHIEF EXECUTIVE OFFICER

There seems to be more than just a change in the weather this Spring. With COVID restrictions loosening, and life beginning to feel a bit more like normal the Pollution Probe team is responding in kind with a flurry of activity, including our recently released strategic plan which outlines our priorities and approach for the next few years <https://www.pollutionprobe.org/strategic-plan-2022/>.

Our Circular Economy team completed the first-ever provincial study of Ontario's phosphorus economy, an important first step in creating a circular economy for nutrients that will reduce nutrient pollution in Ontario's waterways and improve food security.

The Great Lakes Plastic Cleanup (GLPC), an initiative of Pollution Probe and the Council of the Great Lakes Region with support from a network of funders and collaborators, is now in its second year. GLPC is better equipping communities, governments and industry to tackle Great Lakes' plastic pollution. Our experience and lessons learned are being used across Canada and around the world to support plastic pollution reduction efforts.

Probe's Energy team has been working closely with QUEST in Ontario, New Brunswick and Nova Scotia on innovation sandboxes designed to help accelerate the introduction of new energy technologies, markets, business practices and regulatory models needed to achieve our net-zero targets.

The Probe Transportation team is now a significant installer of EV charging stations. Working with FLO, with funding support from Natural Resources Canada, we are administering approximately 80 projects across the country, from St. John's, NL, to Victoria, BC. In the first three months of 2022 alone, we supported the installation of almost 200 new stations, which amounts to more than 1% of the entire national network.

I am thrilled by the scale and impact of Pollution Probe's work during the pandemic and excited about our plans for the future. There is much more work to do, the Probe team is up to the task and with your support we will continue to make a positive contribution to the environment and our well-being.

As always, take good care of yourselves and one another. Thank you for your continued support of Pollution Probe.

CHRISTOPHER HILKENE



PROGRAMS



CIRCULAR ECONOMY

MAPPING PHOSPHORUS FLOWS IN ONTARIO'S ECONOMY

Phosphorus is a non-renewable and non-substitutable resource that is essential for crop growth and food security. Canada relies heavily on imports of phosphorus that have the potential to increase in price as supplies are depleted, pointing to a need to take proactive measures to ensure its sustainable use over the long-term. Phosphorus has a wide range of applications, including as fertilizer, in detergents, flame retardants, and more, but when found in excess in the environment, it can contribute to harmful algal blooms that threaten aquatic ecosystems and drinking water supplies.

In 2021, Environment and Climate Change Canada (ECCC) provided funding for Pollution Probe to lead the first provincial study of how phosphorus is used, and its movement through Ontario's economy, in collaboration with academic experts and their teams from Université Laval, McGill University, and the University of Waterloo's Water Institute. Mapping Phosphorus Flows in the Ontario Economy: Exploring Nutrient Recovery and Reuse Opportunities in a Provincial Context, offers insight into where phosphorus losses may occur, which is particularly important for those parts of the province experiencing considerable environmental challenges related to nutrient pollution (e.g., Lake Erie). A better understanding of phosphorus flows is critical for informing further discussions about the important role nutrient recovery and reuse can play in effectively managing phosphorus and contributing to a circular economy.

Report findings provide important insight into how P is used and where losses occur, a necessary first step for informing further discussions about potential opportunities for nutrient recovery and reuse technologies and solutions. Improving the recovery and reuse of phosphorus is essential for reducing nutrient pollution in Ontario's waterways, improving long-term food security and agricultural soil health, supporting nutrient-related economic growth and informing national and regional policy.



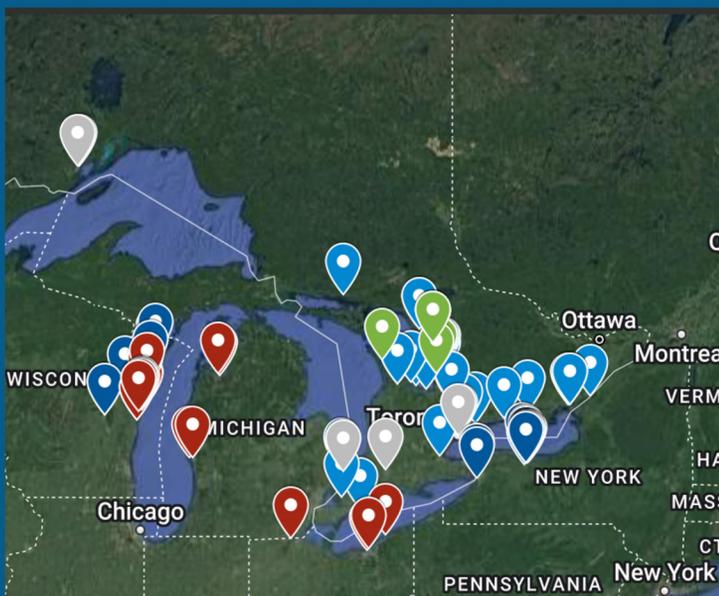
The report benefited from the experience and guidance of a previously established Nutrient Recovery and Reuse Working Group in Ontario, comprised of a number of Canada's foremost experts on nutrient recovery and reuse, primarily representing government. Input from Working Group members enhanced the value and relevance of the findings from this study.

The report is a first step in the development of a Canadian Nutrient Recovery and Reuse platform, supported by regional hubs across the country that will act as local communities of practice. The platform will contribute to growing and strengthening a nutrient recovery and reuse economy that is reflective of the unique Canadian environmental, economic and social challenges associated with nutrient management.

GREAT LAKES PLASTIC CLEANUP

The Great Lakes Plastic Cleanup, an initiative of Pollution Probe and the Council of the Great Lakes Region with support from a network of funders and collaborators, is the largest initiative of its kind in the world, using innovative plastic capture technology to remove plastic and other litter from Lake Ontario to Lake Superior and everywhere in between. Through research, outreach and education, the Great Lakes Plastic Cleanup is gathering data on litter entering our waterways and identifying how government, industry, and consumers can work together to reduce, reuse and recycle material waste.

The initiative kicked off its second year with the launch of a new PSA entitled "Little Bits, Big Problems". Aimed at raising awareness about plastic pollution as well as the actions being undertaken by the Great Lakes Plastic Cleanup to tackle the issue, the PSA has been featured on both local and national news. The Great Lakes Plastic Cleanup was also showcased at the annual World Circular Economy Forum (WCEF), which highlighted the world's leading circular economy solutions with business leaders, policymakers and experts participating from around the world. GLPC was featured in a video produced by Pollution Probe with support and input from Council of the Great Lakes Region and lead corporate sponsor, NOVA Chemicals, as part of the event's Virtual Expo. The video spotlights the work that the Great Lakes Plastic Cleanup and its supporters are doing not just to clean up the Great Lakes, but to advance a circular economy for plastics that will "close the loop" and break the cycle of plastic waste and pollution.



The Great Lakes Plastic Cleanup participant network continues to grow with marinas and communities across the Canadian and American side of the Great Lakes, with sites located on the shores of Lake Ontario, Lake Huron, Lake Superior, Lake Erie, Georgian Bay, Lake Simcoe and Lake St. Clair.

The initiative was also featured in the third Progress Report for the Alliance to End Plastic Waste in support of lead corporate sponsor, NOVA Chemicals, an Alliance partner. The report outlines the collective action taken by the Alliance's partners around the world, and the positive impact that work has on local communities.

This year, the initiative collected significantly more data from its marina partners across the lakes. Great Lakes Plastic Cleanup Seabins diverted a total of 13.46 kg of debris over the season and 65,400 tiny pieces! Seabins and LittaTraps capture different amounts of debris each day, depending on a wide range of factors, including the location of the marina, where the technologies are installed on-site and weather conditions. The longer the devices stay in the water, the more debris they are able to trap and remove.

In support of our data collection efforts, the Pollution Probe team (CEO Chris Hilken, Director of Policy and Programs Melissa De Young, and Senior Manager of Corporate Services, Fern Tran) also got to work this fall on analyzing the debris collected from some locally deployed Great Lakes Plastic Cleanup Seabins at Pirate Life Toronto on Queens Quay. As well as gathering more valuable data, the team enjoyed meeting and answering questions from members of the public as well as special guests.

CANADA PLASTICS PACT

Pollution Probe has been at the forefront of the movement to reduce, re-use and recycle since our inception in 1969. This year, we became an implementation partner for the Canada Plastics Pact, working in collaboration with other dedicated organizations to build a circular economy for plastic. This past fall, Pollution Probe joined over 70 leading businesses and organizations to release a comprehensive and ambitious action plan for reducing plastic waste in Canada. Roadmap to 2025: A shared action plan to build a circular economy for plastics packaging, represents a cross-value chain collaboration, uniting key players behind a shared vision for plastics packaging in Canada and a targeted plan to drive tangible change by 2025. Leading industry, NGO, and public sector organizations, including brands, retailers, recyclers, resin producers, non-profits, associations, governments and others – who together account for over a third of the plastics packaging on the market in Canada – were engaged during the development of the Roadmap. Through the Canada Plastics Pact, Pollution Probe will continue its work to build a circular economy for plastics where we eliminate those that we don't need and innovate so that the plastics we do need can be reused, recycled and managed to maximize their value, extend their usable life and keep them out of the environment.



ENERGY

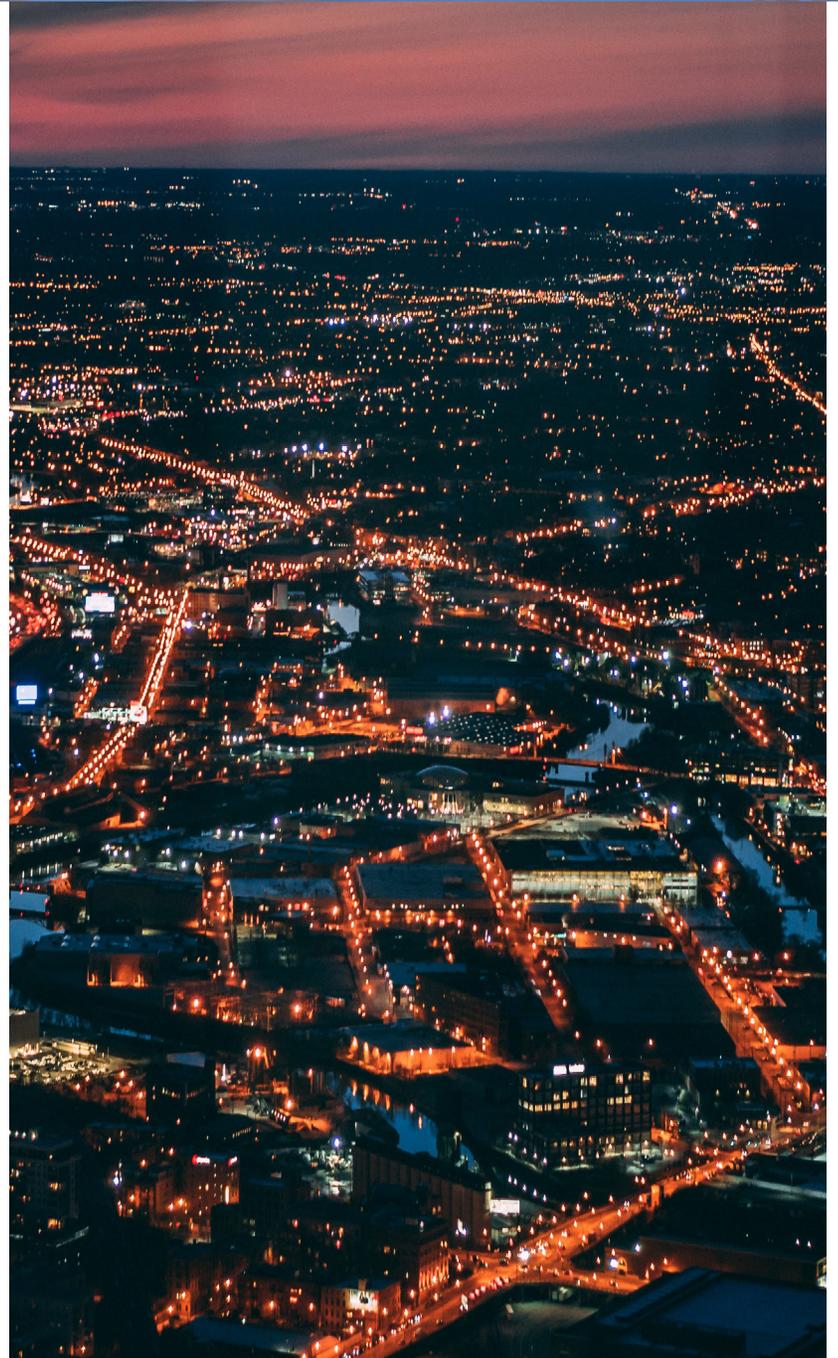
INNOVATION SANDBOXES

To achieve Canada's net-zero target, our energy systems need to change. While technological innovation is important, Canada needs to quickly introduce innovation around new business opportunities and new ways of selling and organizing our energy systems. Pollution Probe and QUEST's Innovation Sandboxes initiative is a four-year joint program that works to advocate for the development of Innovation Sandboxes in Canada in order to enable this needed innovation. In 2021-22, Pollution Probe and QUEST prepared a report following a National Workshop on Innovation Sandbox, which included energy regulators, policymakers, entrepreneurs and utilities from across Canada that highlighted the barriers to low-carbon innovation in Canada and provided recommendations to reduce those barriers. We also worked directly with stakeholders in Ontario to recommend changes to the Ontario Energy Board's Innovation Sandbox, recommendations that were included in a renewal of the Sandbox. We have also started working with Nova Scotia and New Brunswick to help them to design an Innovation Sandbox to meet their needs.

ENGAGING COMMUNITIES

Over the past year, Ontario has been reviewing plans on what the future of natural gas conservation in Ontario will look like. Pollution Probe has been working with Ontario municipalities to get their voices heard on what is needed when it comes to this new plan to help them meet emissions reduction targets. Pollution Probe has been working with municipalities to inform them about what is happening and to ensure their input is part of the decision-making process by proposing solutions and recommendations.

Pollution Probe and QUEST are also working to develop a framework to assist communities in implementing community energy plans and climate action plans by working with diverse stakeholders. Communities need to work with many stakeholders if they want their plans to be successful.



The framework we are developing will help them engage with more diverse stakeholders and help to ensure that communities' climate and energy plans can be implemented faster and more effectively. In 2021-22, we piloted this framework with the City of Burlington on their Climate Action Plan.

PARTICIPATING IN DECISION-MAKING

Advocating for changes at decision-making forums help us to translate our research into actions in the energy sector. Pollution Probe is very active in many of these forums, such as at the Ontario Energy Board. Among many different cases, one of the most important cases we were involved with was on Ontario's first natural gas Integrated Resource Plan (IRP) Framework proceeding for Ontario. IRP will create rules where instead of building new natural gas pipelines, other solutions such as efficiency or even heat pumps could be introduced. Pollution Probe has also been very active in supporting the integration of community energy and emissions plans into energy decision-making, and we are a member of the Regional Planning Process Advisory Group (RPPAG) and the Framework for Energy Innovation group at the Ontario Energy Board. Many of the recommendations coming from these groups have been brought into use in the province.



TRANSPORTATION

ELECTRIC VEHICLE CHARGING STATION FUNDING PROGRAM

Complementing a broad array of ongoing low-carbon transportation projects, Pollution Probe is serving as a third party delivery organization for Natural Resources Canada's Zero Emission Vehicle Infrastructure Program (ZEVIP). This program provides eligible EV charging station hosts with up to 50% of purchase and installation costs for new charging infrastructure.

Through our program we are administering approximately 80 projects across the country, from St. John's, NL, to Victoria, BC. In total these projects will lead to the installation of more than 500 new publicly-available charging stations. In the first three months of 2022 alone we supported the installation of almost 200 new stations, which amounts to more than 1% of the entire national network. And we're just getting warmed up!

ASSESSING THE CONSUMER ELECTRIC VEHICLE CHARGING EXPERIENCE IN CANADA

At this point there is almost uniform consensus on the environmental and human health benefits that EVs offer. But there are several key barriers that must be addressed before most consumers will feel comfortable making the switch to an EV. One such barrier is adequate public charging infrastructure which would allow people to use EVs just like they use gas-powered vehicles. To gain a better understanding of the real-world charging experiences of EV owners in Canada, Pollution Probe undertook a first-of-its-kind national survey on behalf of Innovation, Science and Economic Development Canada (ISED). The comprehensive survey captured the experiences of more than 1,600 EV owners from every province. The goal of the project was to identify the strengths and weaknesses of Canada's charging network to help public and private sector decision-makers prioritize areas for near-term action. The project wrapped up in March, 2022. A summary report was then published on Pollution Probe's website and the project was profiled by roughly 100 national and local media outlets.

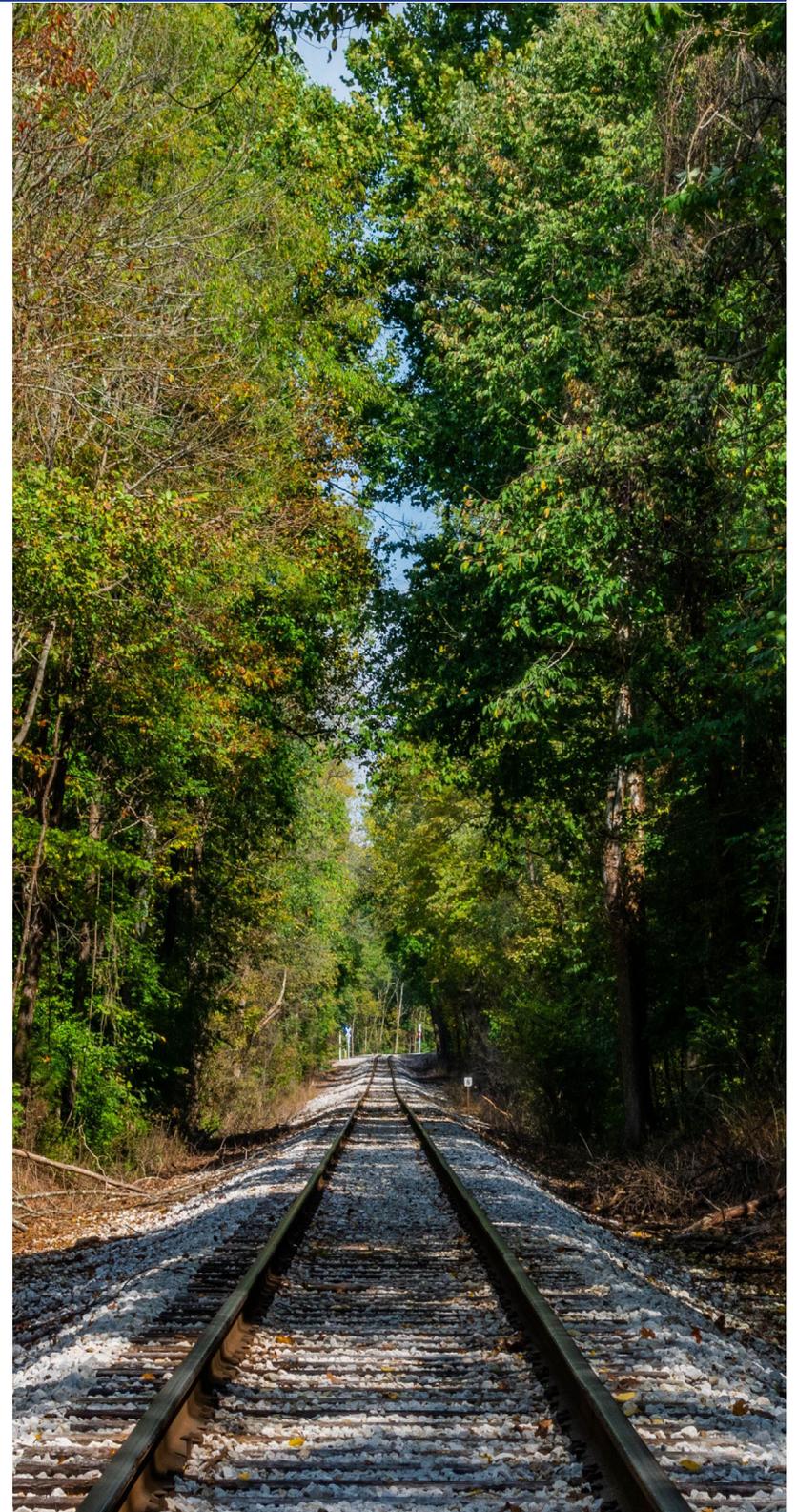


A DECARBONIZATION ROADMAP FOR CANADA'S RAILWAY SECTOR

While rail is the most efficient mode of land-based transportation, there is still room for improvement on environmental performance. To help Canada's rail sector achieve the goal of net-zero greenhouse gas emissions by 2050, Pollution Probe and its partners at The Delphi Group completed work on a multi-year project which culminated in the development of a first-of-its-kind decarbonization roadmap. The roadmap shares the results of in-depth technical assessments of each of the leading rail technologies and fuels that can contribute meaningfully to net-zero. To conduct the assessments our team built a tool that can be re-applied in future years to track the trajectories of different decarbonization measures over time. This way, the tool will be useful to the rail sector not only in 2022, but until net-zero is achieved. The tool and roadmap were both vetted thoroughly by all of Canada's mainline rail operators and by representatives from key federal government departments. We look forward to using the tool in future years as we continue to work with rail stakeholders to help green their operations.

ASSESSING THE IMPACTS OF TELEWORKING FOR THE CITY OF TORONTO

While remote work, or teleworking, was growing in popularity throughout the last decade, the COVID-19 pandemic accelerated this trend in a way that was previously unimaginable. Employers such as local governments and businesses with large numbers of office-based staff rapidly transitioned to teleworking, and after overcoming some initial obstacles many realized that a) teleworking can work in terms of staff productivity, b) many employees prefer having the option to work remotely, and c) there could be significant and measurable environmental benefits related to teleworking. With more than 30,000 staff and an ambitious climate change action plan, the City of Toronto sought to quantify the impacts of both its temporary telework policy and long-term workplace modernization program. The City commissioned Pollution Probe to conduct research into telework impacts and best practices, to design and implement a comprehensive all-staff commuting survey, and to use survey data to inform an assessment of the GHG impacts of teleworking. Results from the project will be released in fall, 2022 through a summary report and other media.



ZERO-EMISSION MEDIUM- AND HEAVY-DUTY VEHICLE MARKET READINESS ASSESSMENT

The electrification of passenger cars and trucks has gained sufficient momentum that key stakeholders are now looking ahead to electrifying other modes of transport, such as medium- and heavy-duty (MHDV) on-road vehicles. Government policy must walk a fine line between incentivizing the use of zero-emission vehicles and ensuring that their adoption is a financially and technically viable option for all types of fleets. To inform emerging policies related to zero-emission MHDVs, Environment and Climate Change Canada commissioned Pollution Probe to develop a market readiness framework which divides MHDVs into more than one dozen segments, assesses each segment in terms of commercial and technological readiness, costs, and environmental and human health benefits, and identifies which segments are ready for electrification. The framework created by our team will be finalized in fall of 2022 and will be used by several key federal government departments to help prioritize near-term policies and actions related to accelerating MHDV electrification nationally. Like the rail decarbonization tool, the framework was designed to be simple to update and re-apply in future years.

ELECTRIC SCHOOL BUS STRATEGY FOR ONTARIO

Almost all of Canada's 50,000 school buses currently rely on diesel fuel. Emissions from these buses not only contribute to climate change, but negatively impact those most vulnerable to air pollution: our children. Diesel exhaust has not only been linked to cognitive development disorders in children, but is carcinogenic, contributes to cardiovascular and respiratory diseases, and leads to many other adverse health effects. Our children deserve better. To help expedite the decarbonization of Ontario's almost 20,000 school buses, Pollution Probe is developing a Strategy to Accelerate School Bus Electrification for the Province of Ontario. This strategy will assess the scope of the problems caused by diesel buses from both environmental and health perspectives, and will then put forward a series of practical near-term solutions in an action plan. The plan will identify roles for key stakeholder groups such as all three levels of government, automakers, EV charging station providers, electrical utilities, school boards and bus fleet operators, and health and environmental advocacy organizations. The Strategy will be launched in fall, 2022, and will complement other Pollution Probe projects related to school bus electrification.



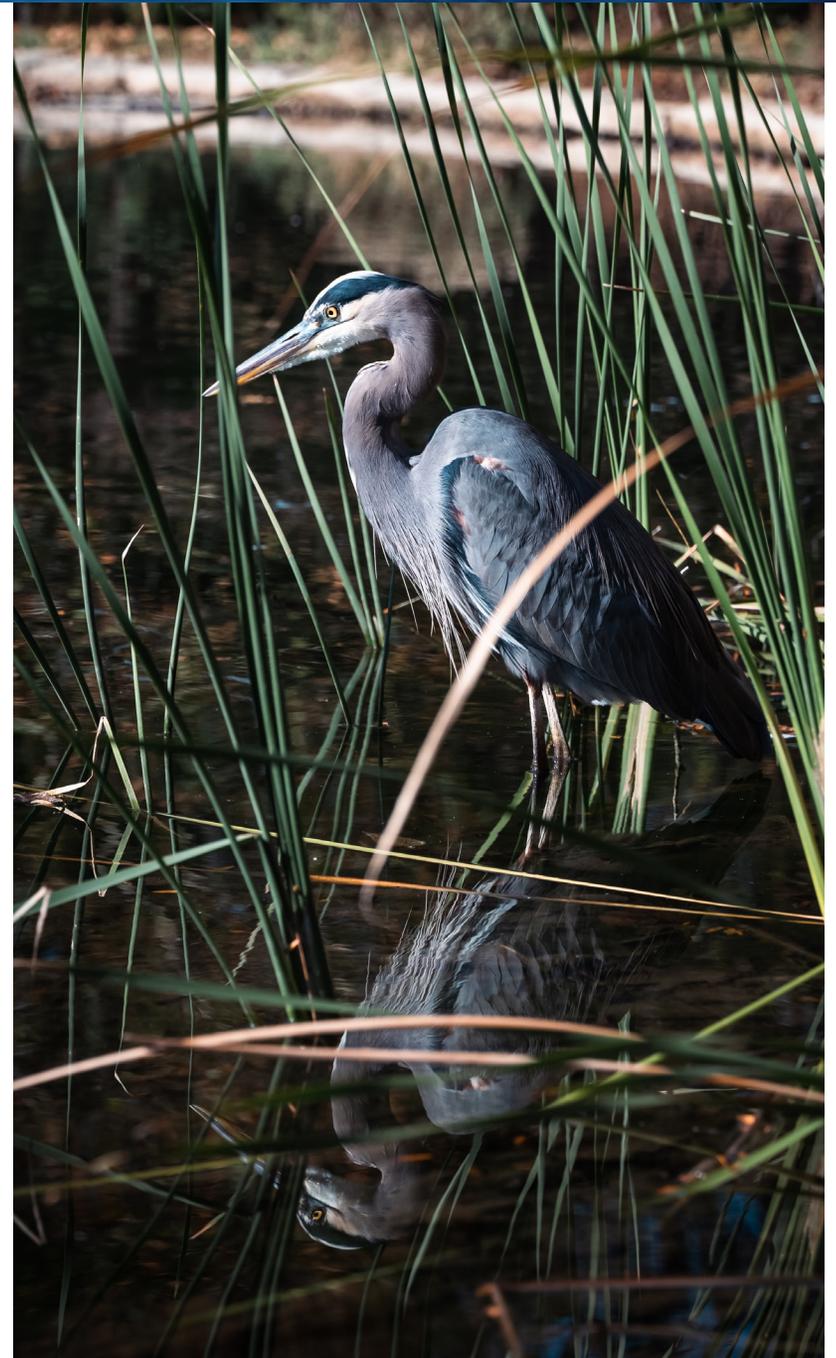
WATER

REVIEW OF THE GREAT LAKES WATER QUALITY AGREEMENT

April 15, 2022, marked the 50th anniversary of the Great Lakes Water Quality Agreement – a binational framework to coordinate efforts to manage and protect the Great Lakes, initially signed by Canada and the U.S. in 1972. The Agreement has been updated and amended several times since then, most recently in 2012. Its purpose is to “restore and maintain the chemical, physical, and biological integrity of the Waters of the Great Lakes.”

The anniversary of the Agreement presents an important opportunity to take stock of its history, and to explore how it can be strengthened to address current and future challenges facing the lakes. Pollution Probe has been involved in advancing progress on the Great Lakes Water Quality Agreement’s objectives since the beginning and we remain committed to building on this legacy to improve water quality in the Great Lakes.

The organization and its partners completed a comprehensive review of the current and previous versions of the Agreement for the International Joint Commission’s Great Lakes Water Quality Board 50th Anniversary Work Group. The review and accompanying report consider the context for how the Agreement is focused and organized and examines whether there are opportunities for its implementation mechanisms or language to be strengthened to facilitate progress towards its overall goals. The report also outlines a set of key recommendations that can be accomplished within the existing Agreement

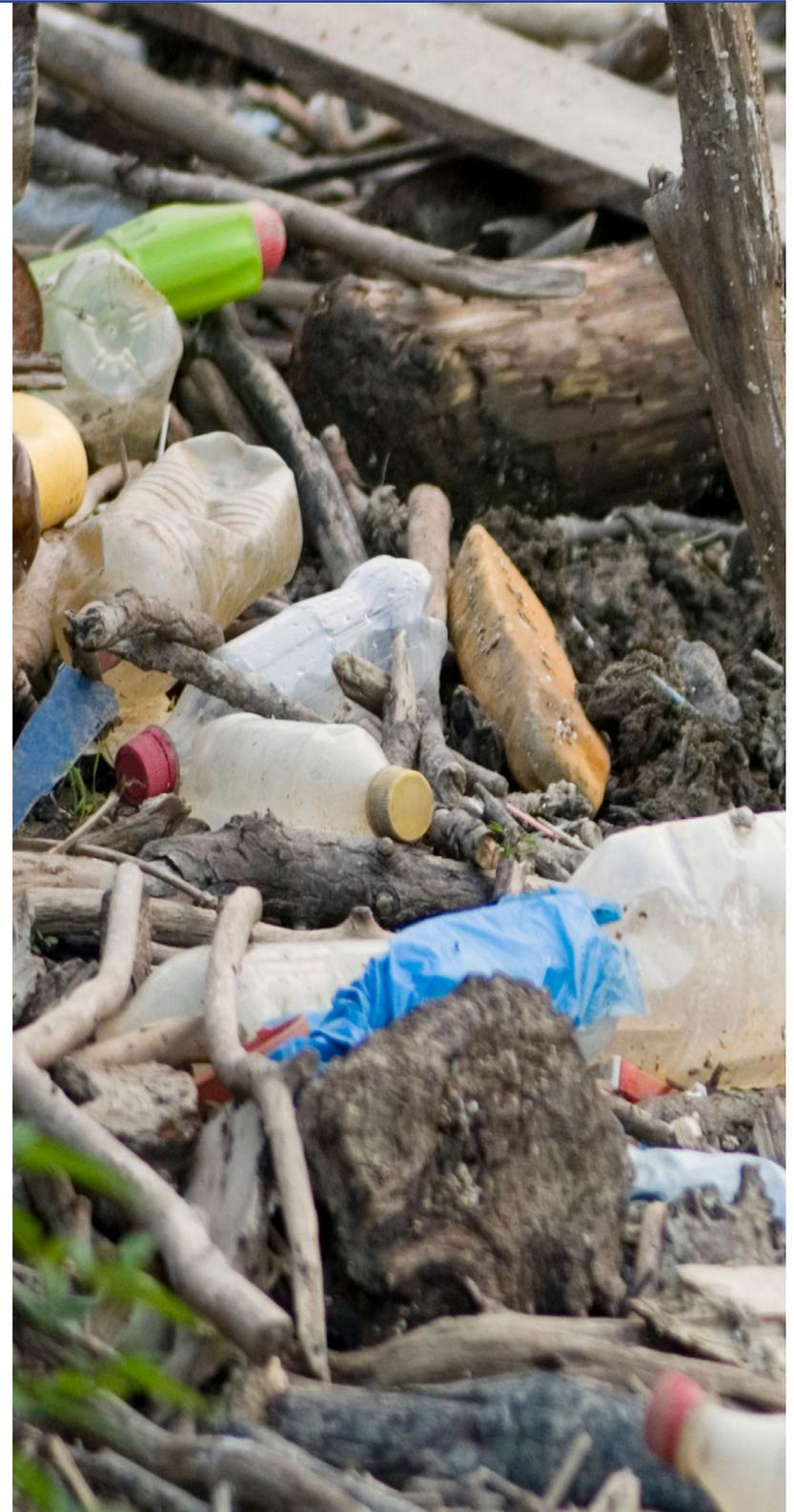


AN INTEGRATED APPROACH TO WATERSHED MANAGEMENT IN THE GREAT LAKES

Watersheds throughout the Great Lakes Basin face ever-increasing pressures from population growth, urban expansion, economic development, pollution, nutrient enrichment and a rapidly changing climate, pushing natural resources and ecological systems beyond their limits. The cumulative impacts impact the ability of Great Lakes watersheds to effectively adapt to change, contributing to a number of natural, economic, and social system challenges. Promoting more sustainable cities, land use practices, and industrial activity through proactive, evidence-based policies and planning is critical for ensuring the long-term health of our natural environment, not only in the bi-national Great Lakes region, but around the world.

In 2018, Pollution Probe and the Council of the Great Lakes Region initiated a multi-year project with support from the RBC Foundation to leverage big data and smart computing capabilities to support an improved approach to watershed management and adaptive decision-making in the Great Lakes. A data-driven platform that can ingest vast amounts of socioeconomic and environmental data at different scales, and then analyze and visualize this data at close to real-time speeds, offers a novel risk assessment tool that can generate meaningful insights about different, complex scenarios so that decision-makers are able to contemplate and choose pathways to a sustainable future. The aim of the platform being developed is to help public and private sectors make better planning and policy decisions by predicting watershed trends and impacts based on different development scenarios and prescribing sustainable pathways in a real-time operating environment.

Work on the platform this year has focused on the development and implementation of a preliminary working version to be hosted and accessed on a web-based platform that allows users to analyze and visualize watershed changes. A critical outcome of this phase is the functional design and implementation of the this unique watershed management solution, including the development and refinement of its machine learning models. In addition, the platforms' user interface and user experience, along with associated design components were developed.



EVENTS

POLLUTION PROBE GALA & CONFERENCE

The IPCC released a report in August of 2021 confirming what many in the environmental sphere had long suspected - that climate change was not merely widespread and affecting every region across the planet, but also rapidly intensifying. Considering this report, Pollution Probe wanted to explore the realities of a warming world and analyze both the socioeconomic and environmental implications for Canada and the world. Pollution Probe also wished to examine what needed to be done to ensure the emergency brakes were put on the runaway train that is global climate change. Though many changes are irreversible, with decisive, sustained action, we can still limit the impacts of climate change and slow its acceleration. The goal of the conference was to engage with supporters of Pollution Probe and the public on issues pertaining to climate change from a youth perspective.

Pollution Probe brought together a star panel of young people with a track record of outstanding work and expertise on climate change to gain insights from a range of different perspectives on the necessary priorities and actions needed to curb runaway climate impacts.



2021
GALA &
CONFERENCE

CODE RED

YOUTH PERSPECTIVES ON ADDRESSING THE
CLIMATE EMERGENCY

[Read the Report](#) 

Our panelists included:



Beth Eden

National Youth Network Coordinator, SDSN Canada and the Interim CEO of QS World Merit, a global charity working towards an equal world by allowing young people to access opportunities based on merit (using the SDGs as their framework for impact). She has been working United Nations Sustainable Development Goals, previously the Millennium Development Goals, for over 11 years.



Faith Edem

Policy Analyst, ECCC, is a change agent that champions the intersection between sustainability, public policy, and its impacts on youth and racialized groups. As a 2021 Corporate Knights 30 under 30, GreenBiz Circularity 21 Emerging Leader and climate resilience author, Faith recognizes the importance of inclusive youth-led climate action beyond 2030 and 2050.



Stella Bowles

Environmentalist Citizen Scientist/Student. Stella Marguerite Bowles, MSM, ONS is a Canadian environmentalist, author, and the youngest recipient of the Order of Nova Scotia. Canada also recognized Stella with a Meritorious Service Medal. In her campaign against straight pipes in the LaHave River, she was able to generate over 15 million in funding across three levels of government.



Helen Watts

Senior Director of Global Partnerships, Student Energy. For over seven years, Helen has worked and collaborated on a wide range of issues from the global energy transition, to safe & dignified human migration, to achieving our sustainable development goals by 2030. She is an experienced public speaker, youth leader, program designer, and fundraiser.



Ricky-Lee Watts (Quu-as name Aamiitlaa)

Youth Program Manager, Indigenous Clean Energy, oversees Generation Power at ICE, an Indigenous youth clean energy and career training programme. He is Nuučaanúł, from Pacific northwest in Canada, and is a councillor for the Hupačasath First Nation.

Each year, Pollution Probe recognizes individuals or organizations who have made exceptional contributions toward advancing environmental protection and sustainability, and the 2021 award recipient was Naila Moloo, the youngest recipient of the Pollution Probe Award. Naila is 15 years old and passionate about making an impact in the sustainability sector. Based in Ottawa, she is currently building transparent and flexible solar cells in a lab leveraging nanomaterials, as well as developing a bioplastic from duckweed where she is working with Pond Biomaterials. Naila published her first novel in 2021 and is combining her love of writing and STEM into a children's book series on technology and innovation. Naila was named the youngest recipient of Canada's Top 100 Most Powerful Women. She balances her understanding of the detrimental impacts of climate change with her confidence in innovation as a means for mitigating it. Naila spoke about the hope and insight youth offer in protecting the environment, focusing both on future and the present as she talked about her own research on bio-plastics.



THANK YOU TO OUR 2021 GALA & CONFERENCE SPONSORS

PRESENTING SPONSOR

THE
GEORGE AND HELEN VARI
FOUNDATION

CHAMPION SPONSOR



ADVOCATE SPONSORS



FRIEND SPONSORS



MEDIA SPONSOR



SUPPORTER



DONOR RECOGNITION

SPONSORS, MAJOR SUPPORTERS, AND PARTNERS

APRIL 2021-MARCH 2022

Alectra Inc.

Bruce Power

Cement Association of Canada

Change Energy Services Inc.

Chemistry Industry Association of Canada

Coca-Cola Canada

Congregation of Notre Dame, Visitation Province Inc.

Eco Canada

Enbridge Gas Inc.

Environment and Climate Change Canada

EPCOR Utilities Inc.

FLO

George and Helen Vari Foundation

Green Sanderson Family Foundation

Hydro One Networks Inc.

Ice River Springs

Independent Electricity System Operator

Innovation, Science and Economic Development Canada

International Joint Commission

Jackman Foundation

Ministry of the Environment, Conservation and Parks

Natural Resources Canada

NOVA Chemicals

Ontario Power Generation

Oshawa PUC Networks Inc.

Quality Urban Energy Systems of Tomorrow

RBC

Rothmans, Benson and Hedges (RBH)

Sisters of St. Martha of Antigonish

Suncor Energy Foundation

TAKLA Foundation

The Catherine and Maxwell Meighen Foundation

The Congregation of the Sisters of St. Joseph - London Site

The Peterborough K.M. Hunter Charitable Foundation

The Railway Association of Canada

The Trottier Family Foundation

Toronto Atmospheric Fund

TransCanada Energy Ltd.

Transport Canada

York University

MAJOR DONORS

APRIL 2021-MARCH 2022

Daniel M. Blankstein

Rachelle Boutros

Dr. Douglas Bradley

Roger Brenninkmeyer

Gord W. Cetkovski & Elizabeth K. Evans

Gabriel Charette

Dudley Cordell

Ms. Valerie Dennison & Dr. Roger Mitchell

Robert Dowler & Lisanne Hill

Peter Ellement & Sarah Layton

Colin Eyssen

Peter T. Garstang

Rosanne Gasse

Ian Gibson

John A. Gingrich

Christopher & Agnes Hilkene

Eleanor Hilkene

Marian Hofmann

Nina Josefowitz

Audrey Kenny

Alexander Kraas

Peter F. Love

Susan Low-Beer Parsons

John Lucas & Helene Klodawsky

Peter Macdonald

Gail MacNaughton

Margaret Martin

Joan E. Murray

Ellen O'Brien

Scott Parsons

Stephen F. Pope

Alan & Louise Redway

Prof. Christopher Robinson

Lisa Rogers

Daren Sawkey

Rupen Seoni

A. Dean Summerville

Stephane Vachon

Saman Vaisipour

Dr. Helen Vari

B. Welch

Tom Wilhelm

Robert Yates & Samantha Thiel

LOYAL DONORS

We thank our loyal individual donors who have continued to invest in the future of our planet for over 15 consecutive years.

Margaret Agar

Ronald & Barbara Amero

Ed Andringa

Carolyn Arbour-Dokuchic

Maja Ardal & Jeff Braunstein

Gunhild Arial

B. J. Armstrong

Betty Anne Armstrong

Edward J. Babin

Brian Bailey

David Ball

Katherine Barclay

Douglas Barnard

David Barnhart

Leslie Barton

Ken R. Bates & Erin Patricia Martijn

Leslie Batt

Cristine L. Bayly

Margret Beaney

Bridget Behm

Clara Bertollo

Bronwyn Best

Robin Billinton

Katherine Bowman

James Bradley

H. F. Braun

Ian David Brown

Derek Brown

Helen Bunn

Mr. Douglas M. Cameron

Jane Canale

Tony Caparrotta

Anne C. Carpenter

Brian & Ellen Carr

Elizabeth Carr

Margaret Anne Cartwright

Andrew Cervin-Lawry

Gord W. Cetkovski & Elizabeth K. Evans

Bruce A. Chan

Kia Chester

Martin & Marilyn Chilton

Elizabeth Choros

Mr. Shakil Choudhury

Brian Clark

Paul Clarke

Ms. Jacqueline R. Code

Jennifer Code

Murray J. Code

Brian Cook

Doreen Copp

Jill Coyston

Graydon & Anna Jean Cresswell

Tom Cumming

Michael Curtis

Roger Dando

Michael Darwood

Toni Davies

Ulrike Davis

Gabriel G. & Nel Denys

Sharon Diachun

Goretty Dias

David Dimmer

Anne Doran

John C. & Mary Jane Dymont

Peter Ellement & Sarah Layton

Paul E. Emond

Colin Eyssen

Marilyn Faigan

Jenny Feick

D. Eric Ferguson

Dr. Joseph L. Fernando

Robert & Helga Ferrie

Mrs. Dianne M. Fisher

John R. Flanagan

Gisèle M. Fleury

Harvey W. Ford

Bonnie L. Foster & James A. Bertram

Ellen Foulkes

Lianne Friesen

Jean Fulton

James Furlong

G. T. Furlong	James Heifetz	Janet Jones
Kay Galbraith	Sharron Hembroff	Catherine E. Joyce
Peter A. Galko	Gary B. Hemsley	Eleanor Kaarsberg
Steven Gallinger	Bibianne Madeleine Henry	Tammy Kennedy
Cecilia A. Gallivan	Patricia Henry	Audrey Kenny
Mr. G. W. Gardiner	Herbert M. & Carrol Herauf	Patricia Kent
Ann & Paul W Garrett	Bruce & Ceredwyn Hill	Mary A. Kilmer-Tchalekian
Peter T. Garstang	Sylvia M. Hinz	James & Rita King
Rosanne Gasse	Derek Hodge	Katerina Kontogeorgis
William Gentles	Andrew Hodgson	Alexander Kraas
Glenn C. Gibson	Nicolette Hodgson	Rob Krakauer
Sharon Gilmour-Glover	Marian Hofmann	Marian E. Kramer
Sam Gindin & Barbara Schuster-Gindin	Jeanne Holmes & Sam Shaw	Sheila Lacroix
Dr. John Goodall	Keith H. Hood	S. M. Lacusta
Kenneth W. Gourlay	Fred W. Hooper	Gerald Athanse Lajeunesse
George & Sandra Gracey	William Hopton	John Langner
Carol Graham	Muriel How	Michael & Louise Lawrie
Terry Gregg	Lisa Hubick	Katherine Le Lievre & Domenci Crolla
Panagiotis Grouios	C. Huisman	Barbara E. & Edgar W. Lea
Geraldine Gualandris	Virginia Hung	Robert Leckie
Michael John Haiduk	J. L. Hunt	Holly Lennox
David & Linda Haist	Andrea Jack	Alan Leslie
Harry Hall	Suzanne F. Jackson	Linda Librande
Graham Hall	Rebekah Jackson-Gravelly & Edward Gravelly	Wendy C. Linton
Edwin C. Harris	Corine Jansonius	Douglas A. & Anita Long
Ross E. Harris	Kevan L. Jefferies	Peter F. Love
Fred Harris	Hugh E. Jenney	Linda A. Lovgren
J. V. Harrison	Carolyn Johnston	Gary Lusby
Cathy Hartley	Anne & John Jones	Ian Macdonald
Mr. James R. Hase	Gareth Jones & Anita Leon	Peter Macdonald

Donald V. Macdougall

Rod MacFadyen

Carol MacFarlane

James R. MacLachlan

John E. MacLatchy

Paul T. & Sarah E. MacLean

Steve MacPhee

Mary I. MacRae

Garth Magel

Terry & Joan Mandzy

Randy Manning

Norman F. Martin

Anne Massicotte

Paula Masterson

Geoffrey Matus

Louise A. Mauffette-Leenders

R. McAllum

Clare McCartney

J. Peter McClure

Catherine & Stephen McColl

Janice McDonald

Pegasis P. McGauley

Meredith A. McKague

Hugh McKay

Elaine McKee

George McKibbin

John McKillop

Norma McMartin

William C. & Rosemarie S. McMechan

Patricia Milne

Rosalee Mitchell-Spohn & R. Spohn

Peter J. Mix

Eugene V. Mlynczyk

Barbara Moogk

Kathryn Morawetz

Larry Moser

Petra Mudie

Margaret Muller & Keith Henry

Julie Murphy

Marjorie Murray

Joan E. Murray

S. Elisabeth Neelin

Sandra Nelles

E. Alex Newcombe

Gordon Nicholls

Colin Nickerson

Mr. Robert A. Noble

Scott C. Northey

Les Nyman

Jennifer O'Brien

Ellen O'Brien

Jean O'Grady

Ken Ogilvie & Elizabeth Everhardus

Susan Ogilvie

Elizabeth Oliver-Malone

Gerald P. Olynyk

A. Omar & Maxine Harris

Patricia A. Ono

Monika & Peter Pannozzo

Angela Papandrea

Vivian Parker

Martha Mary Parrott

David Parrott

Gloria Patterson

Bruce R. Peachey

June I. Peck

R. Pellmann

Gail Pencoff

Paul J. Penna

Winsor Pepall

Frances Perkins

Rhona Phillips Carniol & Ben Carniol

Albert & Margaret Pietersma

Richard N. Piper

Margaret Bluebell Planck

Donald Plewes & Charlotte Danard

H. Plonka

John W. Pond

Anne-Marie Prendiville & John Gillies

Frances Quetton

Marlene Rain

Laura Ramsay

Margo Ratsep

William W. Reid

Caroline Richard

Wayne Richards

Mabel Richardson

Gail Richardson

Pat Riva

Jane Robinson

Prof. Christopher Robinson
Trudy-Lee Rockel
Heather Roebuck
Lisa Rogers
Lynn Ross
Susan Schneider
Barbara Schulman
Margaret Seal
Raymond Seto
Kevin Seymour
Dorothy Shaver
Mrs. Patricia Sheehan
W. Sheppard
Nigel Shipley
Mark & Pamela Sibley
John & Liz Simmons
Lorne Sinclair
Ted Slaman
Donna Slater
Mr. Frank L. Spain
M. Karen A. Spence
Marlene Spruyt
Bonnie L. M. Stephen
Kenneth Stevenson
Carrie & Barrie Stockall
Sandy Strachan
H. W. Stringer
Silvia Strobl
Edward D. Sullivan
E. W. & Gerry S. Sweezey

Ingrid Takahashi
Anna Maria Tata
Stan Taylor & Kim McDonald-Taylor
Karen H. Teasdale
Lynn Thomson
Jane Thorson
Linda Tiley
Michael A. Tilka & Susan Frances Dobie
Geoffrey Toop
Janet Townshend
M. E. Trudelle
Ernest Tucker
Tim & Donna L. Tufford
Sarah Turnbull
Katherine Turner
Irene Ty & Lee Holland
Mrs. Janice M. Underdown
Margaret Van de Pitte
M. Evelyn Veale
Gary Vernon
Maureen Volk
Scott Walling
Wendy L. Walters
Susan Warecki
Bruce A. Weber
Judith Whalen
John & Jean Wheeler
Ellen & Bruce Whitehouse
Marilyn Wilcoxon
Judine Wilson

E. Wilson
Kristina Wilson
Paula A. Wing
Kelle Winter-Patterson
Mrs. Rosalee Wood
Robert & Karen Wood
John T. & Sonja Woods
Anne Worley & Piotr Czaykowski

SUPPORT POLLUTION PROBE TODAY

By giving your financial support to Pollution Probe, you join thousands of committed Canadians who are helping to ensure that clean air and clean water remain high on our national agenda.

Here are the different ways you can choose to give:

- ▶ Join the Environmental Protection Team by making **pre-authorized monthly contributions** to provide ongoing financial support.
- ▶ Make a **single donation** to help Pollution Probe achieve positive and tangible environmental change.
- ▶ Preserve the Future by leaving your own **legacy** to the environment by supporting an organization that you know and trust
- ▶ Give a **Gift of Securities** and pay no capital gains tax. Securities must be transferred, not first cashed in, to be eligible for this tax benefit.
- ▶ You can maximize your philanthropic contributions to Pollution Probe if your employer offers a **Matching Gift Program**.
- ▶ **DONATE A CAR CANADA** accepts vehicle donations for Pollution Probe. Donate your old car and we will gratefully send you a tax receipt.
- ▶ **Donate in Someone's Name** to celebrate a special occasion or to honour the memory of a special person.



www.pollutionprobe.org/donation



donations@pollutionprobe.org



416-926-1907 x 247
1-877-926-1907 x 247

FINANCIAL INFORMATION - THE POLLUTION PROBE FOUNDATION

CONDENSED STATEMENT OF FINANCIAL POSITION

Year ended March 31

	2022	2021
Assets		
Current	2,098,835	848,157
Intangible and capital	110,282	105,768
	<u>\$2,209,117</u>	<u>\$953,925</u>
Liabilities		
Current	\$1,846,478	\$773,581
Loan Payable	40,000	40,000
Net Assets		
Investment in capital and intangible assets	-	636
Unrestricted	222,639	39,708
Reserve Fund	100,000	100,000
	<u>\$2,209,117</u>	<u>\$953,925</u>

The presentation of the fiscal 2021/2022 Condensed Statement of Financial Position and Condensed Statement of Operations is derived from the Audited Statements of The Pollution Probe Foundation, as audited by Welch LLP.

Complete audited financial statements, including related notes to the financial statements, are available upon request from Pollution Probe.

CONDENSED STATEMENT OF OPERATIONS

Year ended March 31

	2022	2021
Revenues		
Program contributions	\$2,427,470	\$1,464,942
Donations and other income	515,699	374,795
Total Revenues	<u>2,943,169</u>	<u>1,839,737</u>
Total Expenses	<u>2,760,874</u>	<u>1,719,632</u>
Excess of Revenue Over Expenses	<u>\$182,295</u>	<u>\$120,105</u>



Pollution Probe

Clean Air • Clean Water • Healthy Planet

902-130 Queens Quay East
Toronto, Ontario M5A 0P6



pprobe@pollutionprobe.org



www.pollutionprobe.org



416-926-1907 x 247
1-877-926-1907 x 247

Our charitable registration number is
10809 2701 RR0001