

Divert NS News and Events: Working to improve Nova Scotia's environment, economy, and quality of life by championing recycling in Nova Scotia.

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The Bicycle Tire Recycling Program

We launched a Bicycle Tire Recycling Program to allow Nova Scotians to recycle old bicycle tires—and we cover the cost of running this program. Nova Scotians can bring used bicycle tires and tubes to any of our [Bicycle Tire Recycling Drop-off Locations](#). The new program is free for bicycle tire retailers, free for consumers, and applies to all bicycle tires and tubes except tubular tires, which are glued to special rims.

You can find out more about the new program on our [website](#).



PROGRAM LAUNCH: (L-R) NICK MORYTO, DIVERT NS BOARD MEMBER; BEN BUCKWOLD, BICYCLE NS; JEFF MACCALLUM DIVERT NS CEO; DAISY AND BRUCE ROBERTS, OWNERS OF HUB CYCLE



PROGRAM LAUNCH: (L-R) BOB KENNY, NS ENVIRONMENT; NICK MORYTO, DIVERT NS BOARD MEMBER; DAISY ROBERTS, OWNER OF HUB CYCLE; PAM MACINNIS, DIVERT NS BOARD MEMBER; ALANNA MCPHEE, DIVERT NS; GILLES DOUCETTE, DIVERT NS; BEN BUCKWOLD, BICYCLE NS; JEFF MACCALLUM DIVERT NS CEO; BRUCE ROBERTS, OWNER OF HUB CYCLE



✓ Approved Projects

Divert NS funds innovative projects that will continue to make Nova Scotia a leader in waste diversion and recycling. In fiscal 2017–2018, we approved \$288,000 to support environmental projects that aim to educate communities, inspire Nova Scotians, and better the province as a whole. Projects from last year included the following:

OBERLAND AGRISCIENCE: From Organic Waste to Animal Food through Bug Farms

Added value: Manufacturing funding

With a global protein shortage looming, many markets are seeking protein alternatives. In 2017–2018, Divert NS provided \$75,000 to Oberland Agriscience to continue research into transforming organic waste into a nutritious insect feed, which, in turn, is used to rear black soldier fly larvae. The larvae then become a nutrient-rich, high-quality protein ingredient for aquaculture, agriculture, and pet foods. The project is enhancing the end value of the organics stream and has the potential for significant diversion in the long-term.

[VIEW PHOTOS HERE](#)

ATLANTIC GRAINS COUNCIL: Creating an Agricultural Market for Nova Scotia Compost

Added value: Development funding

Currently, the cost of municipal composting exceeds money made by selling the product. Traditionally, agricultural demand for compost has been limited because of its perceived low fertilizer value, plastic contaminants, product inconsistency, and equipment and labour costs. Divert NS provided \$50,000 to the Atlantic Grains Council to develop an [agricultural compost program](#) with the goal of increasing the use of compost on agricultural land in Nova Scotia.

ASHLEY MACDONALD, DALHOUSIE UNIVERSITY: Evaluating the Feasibility of Depackaging Food and Canned Goods in Nova Scotia

Added value: Student research grant

Disposing of packaged food that is expired or unfit for sale or eating can be costly. In Europe, depackaging equipment that separates the organics from the packaging is standard practice. This year, Divert NS provided \$17,000 for research that explored the feasibility of depackaging food and canned goods in the province.

Agricultural Waste Resource Summit

On March 6, Divert NS hosted an Agricultural Waste to Resource Summit. The Summit aimed to highlight what agricultural businesses are already doing on-farm and identify new opportunities for waste management stakeholders to work with the industry. Guests included farmers and agricultural associations; municipal, federal, and provincial government; environmental organizations; and academia. Attendees learned about innovative waste to resource programs in agriculture, such as how wallboard waste can be turned into cow bedding. They also heard about how other provinces are recycling or disposing of bale wrap, silage shrink and grain bags, and efforts to increase the use of compost in agriculture

The full day of presentations included:

- Overview of Waste Diversion in Nova Scotia, Ashley David, Nova Scotia Environment
- Agricultural Diversion Programs in Canada, Kim Timmer, CleanFARMS
- Creating an Agricultural Market for Compost, Lise LeBlanc, LP Consulting

- Waste Wood and Wallboard to Cow Bedding, Cynthia Duey, Bovidae Farms
- Gleaning Farmers' Fields, Laurel Schut, FOUND Forgotten Food
- Recycled Paint, Brian Tanner, Laurentide Resource Atlantic Inc.
- Overview of the Environmental Farm Plan, Paul Brenton, NS Federation of Agriculture

The presentations are available to download on our website.

[DOWNLOAD HERE](#)



BRIAN TANNER, LAURENTIDE RESOURCE ATLANTIC, ADDRESSES SUMMIT ATTENDEES



Champion of the Environment Scholarship

Each year, Divert NS awards \$20,000 in scholarships to Grade 12 students across the province who exemplify leadership and have demonstrated a commitment to protecting our environment. The 2018 competition opened in February and closed in May. This year, students wrote essays on policies and programs that Nova Scotia could implement to reduce plastic film, shared the environmental activities they undertake in their school and/or community, and provided a letter of endorsement from a teacher or community member.

The 2018 Divert NS Champion of the Environment Scholarship winners are:



\$5,000 PROVINCIAL SCHOLARSHIP WINNER:

Maria MacDonald
from Guysborough Academy
(Region 2 Antigonish,
Pictou and Guysborough)

\$2,500 REGIONAL SCHOLARSHIP WINNERS:

- Courtney DeGiobbi from Breton Education Centre (Region 1 Cape Breton)
- Josiane Gibson from Cobequid Education Centre (Region 3 Colchester, Cumberland and East Hants)
- Travis Goswell from Sackville High (Region 4 Halifax)
- Holly Morrison from Western Kings District High (Region 5 Annapolis and Kings)
- Acadia Bunin from Avon View High (Region 6 South Shore and West Hants)
- Jenna Clayton from Yarmouth Consolidated Memorial High (Region 7 Digby and Yarmouth)

Learn more about the 2018 scholarship recipients and read their essays on our website.

[LEARN MORE HERE](#)

Waste Audit Results: Learning from the Landfill

Waste audits are useful tools to gather information about how well we, Nova Scotians, are doing in regard to recycling and keeping resources out of landfills. When we know what is there that shouldn't be, we can take action and do something about it.

In 2017, we hired HMJ Consulting Limited (Halifax) to help us conduct an audit of the seven landfills across the province to identify and quantify the various materials that continue to enter them.

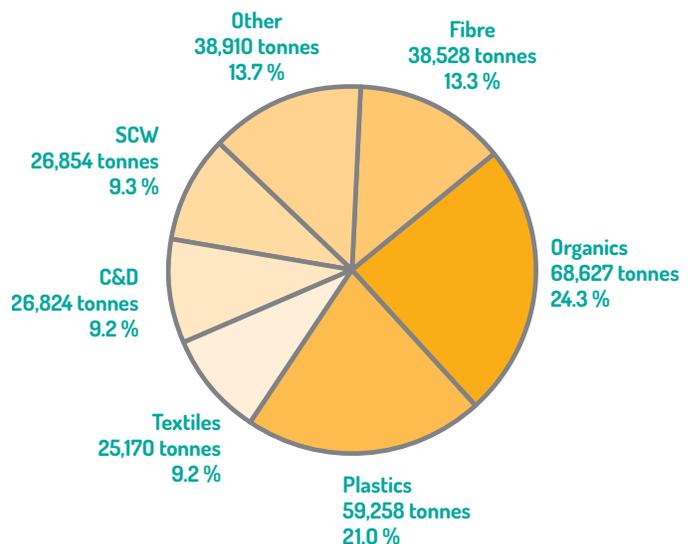
HMJ performed a comprehensive sort of the samples then separated the items found into 21 broad categories of waste, then further into 192 material types.

Each of the major waste categories was broken down to identify specific waste types. For example, organics was broken into food waste, yard waste, soiled paper, and more. This gives us a clearer picture of what is entering the landfill, and helps us and our partners consider how and where we can divert it.

Similar to waste audits conducted in 2011 and 2012, organics, plastics, and fibre/paper are the top three materials in Nova Scotia landfills. Waste from regulated stewardships programs remains low, which tells us the diversion programs are working.

The full 2017-18 Waste Audit Report is available on our [website](#).

Landfills Province-wide: Residential and ICI



Announcement & Highlights

We've helped build a culture of recycling and waste diversion through environmental stewardship education and program funding that has made Nova Scotia a recognized global innovator in waste diversion solutions. Highlights:

- **JOBS:** There are now 898 jobs in Nova Scotia each year related to beverage container and used tire recycling—the equivalent of 14,150 full-time jobs created over 22 years.
- **INCOME:** \$31.4 million in salaries and wages generated by recycling beverage containers and used tires—\$484 million earned over 22 years.

- **AVOIDED LANDFALL SPACE:** By recycling used beverage containers and tires, we have saved 15,955 m³ in 2018, allowing municipalities to save on costs and improve the Nova Scotian environment.
- **GHGS AVOIDED:** Recycling beverage containers and used tires in Nova Scotia saves 44,714 tonnes of greenhouse gas emissions each year. This is equivalent to removing 6,622 cars from the road and worth \$1.3 million in carbon pricing—\$20.9 million in 22 years.

Annual General Meeting

On June 21, Divert NS hosted representatives from municipal government, Nova Scotia Environment, Enviro-Depots, industry, and academics for the 2018 Annual General Meeting. Together, we shared the impact that Divert NS had last year through our efforts to improve Nova Scotia's environment, economy, and quality of life by refusing, reducing, reusing, and recycling.

Fiscal 2017-18 was a good year for Divert NS. Financially, it was one of the best in the history of the organization. This allowed Divert NS to provide:

- **\$8.6 MILLION** to municipalities to help fund local curbside programs and diversion activities.
- **\$1.3 MILLION** to educate Nova Scotians about reducing, reusing, and recycling.
- **\$288,000** for innovative projects to divert resources from landfill.

Through programs and initiatives, almost 16,000 cubic meters of landfill space was saved this year and 44,700 tonnes of GHG emissions avoided—which equals 6,600 cars off the road. Plus, 566 km of roads were cleaned (over 3,100 bags of litter by 1,672 volunteers) and 918 illegal dumpsites were dealt with.

During the Annual General Meeting, Board member Craig Lake, Dalhousie University, was reappointed for a second three-year term. Two new Board members were appointed in May by Nova Scotia Environment—Ken Meech as Board Chair and Phil Mooney.

Dale Lyon, Operations & Procurement Specialist, shared the process and results of the 2017 Waste Audit. Emily Bibeau, a recent graduate of Dalhousie University, who received \$10,000 from Divert NS through the Student Research Grants Program, shared an overview of her project, and the Divert NS Champion of the Environment Scholarship recipients were announced. Two recipients, Courtney DeGiobbi and Josiane Gibson, presented and also helped announce the 2018 scholarship winners via a [Facebook Live video](#).

ANNUAL REPORT



CRAIG LAKE



KEN MEECH



PHIL MOONEY



Mobius Awards 2018

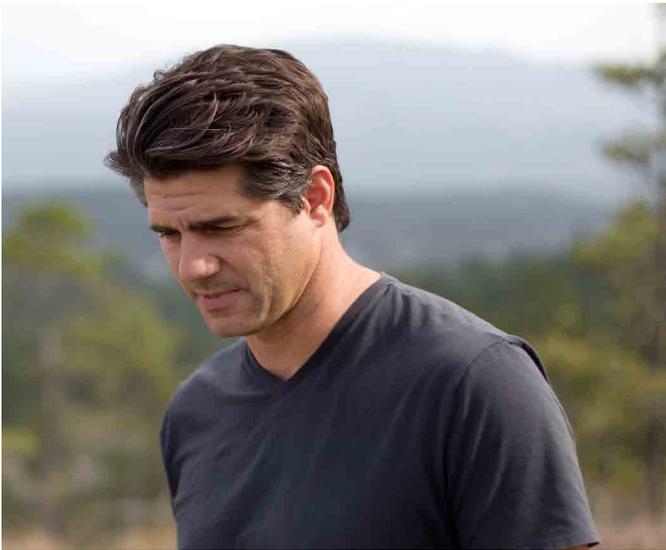
For over two decades, Divert NS has been celebrating and recognizing the achievements of innovative Nova Scotians who have helped make our province a leader in recycling and waste diversion. Held annually, the Mobius Awards of Environmental Excellence bring

together Nova Scotia's environmental elite from businesses, government, academics, and communities across the province.

Mobius Awards 2018 will take place at the Seaport Farmers' Market in Halifax on Thursday, October 25. Nominations are now open and will close on September 9, 2018. To find out more and learn about the 2017 winners, visit our website.

We are also excited to announce this year's keynote speaker is Joshua Becker, Wall Street Journal and USA Today best-selling author of Simplify, The More of Less, and Clutterfree with Kids; the co-creator of Simplify Magazine; and founder and editor of Becoming Minimalist, a website dedicated to intentional living. Joshua was introduced to minimalism nine years ago, and since then, his story and writing have inspired millions around the world to find more life by owning fewer possessions. He is one of the leading voices in the modern simplicity movement reaching over one million readers every month.

<https://www.becomingminimalist.com/becoming-minimalist-start-here>



JOSHUA BECKER, KEYNOTE SPEAKER



Partner Profile: Adopt-A-Highway

As the agency responsible for promoting waste diversion and reduction in Nova Scotia, Divert NS works in partnership and collaboration with a variety of organizations across the province. We also work closely with other environmentally minded organizations to enhance our province and our environment. With everyone working together, we are better able to reduce, reuse, recycle, and recover resources.

Nova Scotia Adopt-A-Highway (AAH) is a non-profit organization that is entirely funded by Divert NS. They encourage volunteers to help their community by collecting litter and improving the appearance of roadsides, streets, and interchange areas. The volunteer groups receive garbage bags, flagging tape, safety vests, a Litter Cleanup Permit, and assistance with garbage removal. The program started in Nova Scotia in 1992 and today there are over 170 groups participating across the province.

During the fiscal year of 2017-18, AAH's combined efforts equaled 566 kilometers cleaned, over 1,600 volunteers and 5,000 hours, and 47 tons of litter properly disposed of. The volunteers came together a total of 112 times to make our environment cleaner.

Divert NS is a not-for-profit corporation working in partnership with Nova Scotians to improve the province's environment, economy and quality of life by reducing, reusing, recycling and recovering resources.

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