

Roach
23.5.18
CA

Stacie Tiffin-Wright - Letter from Retail Council of Canada re Plastic Bag Reduction Act.

From: Allen Roach <afroach@gov.pe.ca>
To: Stacie Tiffin-Wright
Date: 5/9/2018 4:10 PM
Subject: Letter from Retail Council of Canada re Plastic Bag Reduction Act.
Attachments: PMB 114, Plastic Bag Reduction Act,May92018.pdf; RCC, Recycle BC Guide for Single-use ShoppingBag Reduction 23-Mar-18.pdf

Please Print E-Mail and two attachments for me. Thanks. Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Jim Cormier <jcormier@retailcouncil.org>
Sent: Wednesday, May 9, 2018 3:23 PM
Subject: Letter from Retail Council of Canada re Plastic Bag Reduction Act.

Members of the PEI Legislative Assembly,

Please see the attached letter from Retail Council of Canada (RCC) regarding the Plastic Bag Reduction Act, currently before the legislature's Committee of the Whole. I have also attached a related document from Recycle BC and RCC, which is referenced in the letter.

Please contact me should you wish to discuss. Thank you.

Jim Cormier
Director, Atlantic Canada

Retail Council of Canada | Conseil canadien du commerce de détail
5121 Sackville Street, Suite 201, Halifax, NS B3J 1K1
Tel: (902) 422-4144 | **Cell:** 902-818-7738
RetailCouncil.org | [Twitter](https://twitter.com) | [Facebook](https://facebook.com) | [LinkedIn](https://linkedin.com)

Vancouver · Winnipeg · Toronto · Ottawa · Montréal · Halifax

Upcoming Events

Retail Marketing Conference 2018 | April 12, 2018 | rccretailmarketing.ca
STORE 2018 | May 29-30, 2018 | storeconference.ca



Retail Council of Canada

Atlantic Office: Suite 201, 5121 Sackville Street, Halifax,
NS B3J 1K1
(902) 422-4144 Fax (902) 422-1161
atlantic@retailcouncil.org

May 9, 2018

Members of the Legislative Assembly
Government of Prince Edward Island

Re: Single Use Plastic Bag Reduction / Private Members Bill 114

Dear Members of the Legislative Assembly,

As elected Members of Prince Edward Island's Legislative Assembly, I would like to provide you with the perspective of Retail Council of Canada (RCC) members regarding single use plastic bag reduction initiatives and specifically, provide opinion on Private Member Bill 114, the Plastic Bag Reduction Act.

As the largest private sector employer in Prince Edward Island and representing the sector most associated with single use plastic bags, it is concerning that the PEI government has not consulted the retail sector on this matter. In the Fall of 2017, Retail Council of Canada (RCC) submitted to the Department of Communities, Land and Environment a list of preferred approaches to reducing the use of Single Use plastic bags in Prince Edward Island and all other provinces in the country. This list was developed during a national meeting of retailers in Montreal during the summer of 2017. The list was well received by most provincial and municipal governments as it provided options and flexibility for governments to work with retailers in developing plans of action to deal with the single use plastic bag issue. Provincial governments like Nova Scotia have been in continual contact with RCC over the past six months to ensure a collaborative approach as it develops an official plan of action. Regrettably, the PEI government has chosen not to engage RCC on this important issue that impacts the customers who keep our members in business. Similarly, Private Members Bill 114 was drafted and introduced in the PEI House of Assembly without any consultation from RCC.

Given that your Committee of the Whole is now examining Bill 114, I would ask you to consider the following list of RCC's preferred approaches for government to take in order to achieve a reduction in single use plastic bag usage:

- Mandate businesses to develop individual plans on bag reduction
- Impose that a voluntary fee be charged on bags with the funds allocated by retailers
- Impose a mandatory fee set by regulation/bylaw but leaving businesses to decide what they are to do with the collected funds. Retailers do not support fees remitted to the government due to significant administrative burdens.

Although a ban on single use plastic bags is not a preferred approach, our members ask that if a jurisdiction is considering a ban:

- Harmonization is needed and the government should look to other provinces and rely on some of their existing standards or regulations for setting guidelines. In recent years, Atlantic Premiers have taken positive steps towards harmonizing regulations. Given that each Atlantic Province is experiencing the same issue with plastic film, a harmonized approach across the Atlantic region would be effective.
- Bylaws have to focus on single-use carry-out bags and define what is a reusable bag.
- If the thickness of the plastic bag is mentioned, the bylaw/regulation should align with that of the City of Montreal (50 microns); no requirement should be considered for the material used to make the bag's handle.
- Mandating recycled content/certification requirements will likely yield worse outcomes from a cost and administrative perspective than outright bans.

This list of preferred options has been the starting point for RCC and governments across Canada to work together on approaches that will be good for the environment, while being accepted by retailers and retail customers. Examples of the positive results that can come from this cooperation include:

- The single use plastic bag bylaw adopted by the City of Vancouver, BC. This bylaw incorporates many aspects of RCC's preferred approach.
- The attached retailer education piece that Recycle BC developed in conjunction with RCC to work towards reduction in single use plastic bags. This document will be a great resource for retailers in helping to successfully abide by the City bylaw.

Unfortunately, the collaborative approach in cities like Vancouver and provinces like Nova Scotia has not yet been replicated in PEI. The fact that Private Members Bill 114 was introduced without any input from RCC is very troubling for retailers in PEI. Bill 114 is eerily similar to the bylaw recently passed in the City of Victoria, BC. The Victoria, BC bylaw is widely seen by retailers as the worst of all government actions taken on this issue. Like the bylaw in Victoria, BC, Private Members Bill 114 would be administratively difficult for retailers to manage. If enacted, the bill would be confusing in that it would ban some plastic bags but not others; while charging one fee on paper bags yet another fee for reusable bags. This approach is not a good way to change public behavior and would likely lead to backlash from citizens. It should also be noted that with the way the bill is written, there is also question as to whether many of the reusable grocery store bags (made of polypropylene) would be allowed to be used.

For retailers, it is further troubling that the bill lists paper bags as an acceptable alternative to single use plastic bags. RCC does not take issue with paper bags but research shows that there is a greater environmental footprint involved in producing a paper bag (due to the use of water and chemicals) than there is in making a single use plastic bag. If Bill 114 were to become law, it would be difficult for PEI retailers to rid themselves of their stock of single use plastic bags; then invest in paper bags only to deal with backlash from stakeholder groups opposed to the use of paper bags.

For these reasons, RCC cannot support the passage of the current Bill 114. RCC asks the Committee of the Whole to recommend that this bill not be passed without significant amendments. RCC would be interested in working with the government to find a balanced approach to reducing the public's reliance on single use plastic bags.

Our members want to be part of the solution. RCC has been working hard with governments in provinces all across Canada to find sensible solutions that are based on science and business realities. As you can see from our list of preferred approaches and our work with Recycle BC our members are doing their part to advance this issue. In most provinces, our list of preferences has sparked conversation with government on ways to work towards solutions that work.

We would like to have a similar conversation with the government of PEI. We remain hopeful that the PEI government will engage with us on this issue.

Thank you again for taking the opinions of Prince Edward Island's retail sector into consideration on this issue. Should you have any questions or comments regarding the information provided in this letter, please feel free to contact me at (902) 422-4144.

Sincerely,



Jim Cormier
Director (Atlantic)
Retail Council of Canada

cc: RCC members who conduct business and employ people in PEI

Allen Roach - In Support of Bill No. 114

From: Heather Mosher <hmrmosher@gmail.com>
To: <afroach@assembly.pe.ca>
Date: 5/12/2018 12:09 PM
Subject: In Support of Bill No. 114

Dear Mr. Roach,

This morning I read on CBC that the proposed Bill No. 114, the Plastic Bag Reduction Act, is facing opposition by the Retail Council of Canada. I would like to voice my support of this Bill.

As a biologist who works in wetlands and watercourses, I have seen firsthand the destruction plastic is causing to our ecosystems and to our wildlife. If more people spent time walking along the remote parts of our shoreline or near a swamp, I don't think they would require any convincing that banning plastic bags is a good idea. Many stores already have in place methods to reduce plastic bag use, primarily through charging a nominal fee, and it is not working. There are many who have started using reusable bags, but most of these people would do so regardless of any fees. Two minutes at a Walmart checkout is enough to see that this fee is not a deterrent.

I have traveled to places where there are plastic bag bans and faced no inconvenience. Maui, Hawaii, is an island with a huge tourist presence, much like our own island, which has a ban on plastic grocery bags. Groceries and souvenirs were all placed in paper checkout bags, which we then reused for the same purposes one would use a plastic bag - bringing our lunch to the beach or wrapping up dirty footwear for packing. It was really not an inconvenience to myself and people got along fine without them.

There are environmental issues with all commercially produced materials which includes paper products. However, the argument that the environmental concerns related to paper bags makes plastic a better option is simply wrong.

I heard a saying a few months back that really resonated with me - 'Every bit of plastic that has ever been created still exists'. Plastic does not biodegrade, it just breaks down into smaller and smaller pieces, polluting our oceans, freshwater resources and soils. Once again, I would like to state that Bill No. 114, the Plastic Bag Reduction Act, has my absolute and enthusiastic support.

Thank you,

Heather Mosher

--

Heather Mosher
Summerside PE
(902) 817-2730
hmrmosher@gmail.com

From: Barbara Clement <barbaraclement@pei.sympatico.ca>
To: <afroach@assembly.pe.ca>
Date: 5/4/2018 8:59 AM
Subject: Re plastic bags

Dear Minister Roach

I would like to show my support for your bill banning single use plastic bags in grocery stores. It has become a regular habit for us to take our shopping bags from the car and we can all do that! We need to act now to save the oceans and land from this long lasting pollution! Thank you for bringing this bill forward! I certainly hope it becomes legislation.

Barbara Clement, Tryon PEI.

Sent from my iPhone

Allen Roach - Plastic Bag Reduction Act

From: "Marion & Tony" <mcopleston@gmail.com>
To: MLA Allen Roach <afroach@gov.pe.ca>
Date: 4/29/2018 9:10 PM
Subject: Plastic Bag Reduction Act
CC: Premier <premier@gov.pe.ca>, Hon Richard Brown <rbrown@gov.pe.ca>, Jame...

Mr. Roach,

We support your bill that would ban approximately 95% of all consumer plastic bags on PEI.

(<http://www.cbc.ca/news/canada/prince-edward-island/pei-plastic-bag-bill-1.4624418>)

Thank you,

Tony Reddin & Marion Copleston,

Bonshaw

From: Chris Ortenburger <chris2575@gmail.com>
To: Allen Roach <afroach@gov.pe.ca>
Date: 4/30/2018 2:03 PM
Subject: Private Member's Bill

Dear MLA Roach,

Thanks for proposing Bill No. 114 on Plastic Bag reduction. One can tell the amount of thought that went into writing the bill.

Good luck with it and keep going with more initiatives.

Sincerely,
Chris Ortenburger,
concerned citizen

--

Chris Ortenburger
752 Bolger Park Road
Bonshaw, PEI C0A 1C0
(902) 675-2239

Ban on plastic long overdue

Three cheers are due to MLA Allen Roach for tabling a bill in the legislature that would prohibit plastic bags. I expect he is like many of us who have grown up in a generation where there were no plastic bags and the use of paper bags and reused cardboard boxes was the norm.

I think the public should be shown what a week of plastic bags looks like. We need to save our fish and our beautiful Island. I hope the members of our P.E.I. opposition parties don't complain too much about this bill.

Keep up the good work, Allen.

John J. Flynn,

Fairview

private member's bill to eliminate the single-use plastic bags from grocery stores in our province.

A group of interested persons gathered in Charlottetown recently to recognize Earth Hour on March 24 with a prayer vigil. That evening we had a passionate discussion about plastic garbage in our province as well as the millions of tons of garbage in our oceans.

I wonder if Islanders are aware that more than 100 tons of plastic refuse is currently being stockpiled on P.E.I. because of a lack of market. This may be a short-term measure caused by a decision by China to stop accepting North American garbage. However, it drastically highlights the extreme amount of plastic that we Islanders discard.

So, we decided to make a petition to ask provincial and municipal governments to consider a ban on single-use plastic bags and present it to government by Earth Day which is April 22.

So now, on behalf of this group I want to express our thanks to Allen Roach who has our prayerful support as hopefully this motion moves forward to become an act of legislation.

In eco-spiritual circles, this is called an environmentally virtuous action. Bravo.

Gemma Dunn,
Earth Hour Reflection Group,
Charlottetown

Ban the bags good first step

I read with delight Allen Roach's

Serious response to plastic bags

Good for Mr. Roach.

Finally, someone in government thinking seriously about the environment.

Some people might not like it but it is essential that we ban plastic bags and over-packaging.

Maureen Garrity,
Charlottetown



P.O. BOX 2000
CHARLOTTETOWN, P.E.I.
CANADA, C1A 7N8
TELEPHONE 368-4860

April 19, 2018

Mr. Allen Roach, MLA for District 3: Montague - Kilmuir
175 Richmond Street
Second Floor, Coles Building
Charlottetown, PE
C1A 1J1

Dear Mr. Roach,

The PEI Women's Institute Provincial Board of Directors, on behalf of its members across Prince Edward Island, wish to thank you for your recent tabling of the *Plastic Bag Reduction Act*.

Our membership represents close to 80 Women's Institute branches throughout PEI and when combined outnumber the total of towns, cities and municipalities resulting in a large representation of Islanders and their families - and as such we want to collectively applaud your efforts in bringing forward the private member's bill on the *Plastic Bag Reduction Act*.

This year, Women's Institute will be celebrating the 45th Anniversary of the WI Roadside Cleanup and when this bill goes through, it could be earmarked in future promotions during the much sought after and highly prominent Island wide WI Cleanup.

Countless volunteer hours have gone into those collections by Islanders for close to half a century. Those individuals, families, groups of friends, and organizations have consistently reported a remarkable increase in a variety of single use plastics found along our roadsides. Plastic grocery bags, plastic bottles and refreshment cups present in litter alone have reached an all time high, and the tabled *Plastic Bag Reduction Act* will assist in a reduction and protecting the environmental and agricultural landscapes of Prince Edward Island.

We do see this as a first step, actually a beginning step in reductions of plastic use, so again, on behalf of our membership, thank you for being a pioneer in bringing this forward in the Province's Legislature.

Sincerely,

Doreen Cole,
PEIWI Board Member and WI Provincial Environment Chair

cc Legislative Assembly of PEI

From: Allen Roach <afroach@gov.pe.ca>
To: Marykendrick
Date: 4/22/2018 2:28 PM
Subject: Plastic bag ban

Thank You Mary Kendrick!

Great work for Earth Week. Videos and materials for Earth week, perfect. Do you know we have enough plastic bag waste in Canada to circle the globe 55 times.

I am so happy to hear your desire to rid the world of single use plastic- carry bags, drink containers and all other forms of plastic related pollution. I, like you, am disgusted by the plastic pollution in this world. AND Yes "It Is Time"

Thank for your Support and most of all for your efforts with your school and what you are embracing with your students, other teachers and your encouragement towards other schools to do the same.

This is exactly what I was hoping would happen, "Engagement"

Mary, I am hearing from other organizations and I really believe we have started something good.

Please tell your students how Proud and Encouraged I am by their efforts on this.

Again Than You!

Regards

Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

Original Message

From: Marykendrick

Sent: Sunday, April 22, 2018 12:49 AM

To: Allen Roach

Subject: Plastic bag ban

Hello,

As a teacher and principal preparing videos and materials for Earth week at my school, I have decided to do my part to rid the world of single use plastic- carry bags, drink containers, etc. I am saddened and disgusted by the plastic pollution in this world and as you said, "It is time" to get rid of plastic single use bags. That for me is a start. Thank you for putting this forth in the legislature. I hope you will continue to fight for ridding the world of plastic!

I am the principal of Mt. Stewart school and we will be getting rid of styrofoam cups, bowls and plastic lids for our hot lunches this week and buying reusable cutlery to replace our plastics. That is a start and we will continue to reduce and encourage other schools to do the same.

Thank you!
Mary Kendrick

Sent from my iPad

Allen Roach - plastic reduction bill

From: Maggie Cheverie <maggiecheverie@gmail.com>
To: <afroach@gov.pe.ca>
Date: 4/18/2018 7:45 AM
Subject: plastic reduction bill

Yes, I totally support your bill re reducing plastic bags. Please consider adding styrofoam products to the list.

thank you for this initiative.
Maggie Cheverie

From: Sam Paton <sejpaton@gmail.com>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 7:56 AM
Subject: Plastic Bag Ban

Mr. Roach,

I just read about your proposal for the Plastic Bag Reduction Act. I've been working hard to reduce plastic use and to get others to see why it is a problem. I just wanted to let you know that I fully support your motion, and also to say thanks for bringing this issue to the forefront of discussion in a time when many people are fine to brush it off as someone else's problem.

Best of luck passing the bill!

Sam Paton

From: tom crowell <crowellrogers@eastlink.ca>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 8:24 AM
Subject: Plastic waste

Hello Mr. Roach,

I heard today that you have introduced a bill to reduce the distribution of plastic shopping bags on PEI and I'm so excited to hear this. I personally stopped taking any plastic bags from stores over 5 years ago and it's amazing how easy it is to say "I don't need a bag" and simply walk out of the store with the item in your hand. When it comes to multiple items, I take my own bags.

I have travelled much in Canada and Europe and many, many places either do not have bags at all or charge you for them, and people adjust to not being given a bag as the norm.

Some stores, such as Indigo, ask you first before simply giving you a bag and I have noticed people pause when asked and often say, no actually they don't need one. If more people thought about it they would realize they didn't need a bag at a given moment.

I am very concerned with the plastic pollution both locally and globally and it is irresponsible of us to not reduce our usage.

Thank you so much for your efforts and all the best.

Edie Rogers

Allen Roach - plastic bag bill

From: "Lloyd Kerry" <lkerry@eastlink.ca>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 8:26 AM
Subject: plastic bag bill
Attachments: tote bag 4.JPG

Good morning,

I just wanted to commend you on your initiative on the plastic bag bill you're proposing. It's a good step in the right direction.

It is timed well with the recent release of my new product, the reusable tote bog that is geared toward our Island visitors.

Let me know if you'd like a sample and I can drop one off.

Have a great day.

Lloyd Kerry
Charlottetown

From: Marlene Hunt <marlenehunt@gmail.com>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 8:26 AM
Subject: Plastic bag ban

Mr. Roach: thank you for bringing this legislation forward. It's great to see PEI will lead the Country with this initiative! I know some Canadian cities and some northern communities have banned plastic bags but PEI would be the first Province to do this. It's a long process to achieve positive change but as an advocate for many years , I know that Island business will embrace this as it will save them money from buying plastic bags. Although change can be hard for us, I believe Islanders will embrace such an important environmental initiative.

Again thank you for your service and leadership . Sincerely Marlene Hunt Cornwall PEI

Sent from my iPhone

Allen Roach - Plastic Bags

From: Peter Rukavina <peter@rukavina.net>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 8:44 AM
Subject: Plastic Bags

Mr. Roach,

Thank you for taking the lead on work toward eliminating plastic shopping bags: it's high time this happened.

Regards,
Peter Rukavina

From: Christine Stanley <christine_weaving@icloud.com>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 8:45 AM
Subject: Plastic bags

Minister Roach,

Thank you so much for your interest in getting rid of plastic bags. I've been to Ft. McMurray, to visit my daughter, an environmental scientist. I was surprised to find plastic bags are banded. If one forgets bags at the store you just reload the grocery cart and unload at your car, into the bags you forgot. They have a population close to PEI and have adjusted just fine.

They also eliminated blue bags by introducing a third bin that is light blue. It contains all the recycled items. When you average 2 blue bags per household for 140 thousand people, it eliminates 280,000 blue bags a month.....it's scary when one does the math.

Thank you again from all of us in our community. Christine and Malcolm Stanley

Sent from my iPad

Allen Roach - Ban of Single-Use Plastic Bags

From: Pierre Bedard <pbottawa@gmail.com>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 9:29 AM
Subject: Ban of Single-Use Plastic Bags

Wonderful!

Go for it!

I hope your colleagues embrace the idea and make PEI a leader in addressing the glut of plastic in Canada.

Pierre Bédard
111 av. Acacia
Ottawa, ON
K1M 0P8

Allen Roach - Plastic bag elimination

From: Sheree Gurnell <danspirations.pei@gmail.com>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 10:04 AM
Subject: Plastic bag elimination

Dear Mr Roach,

I wholeheartedly support your bill to eliminate plastic bags on PEI. I originally come from South Africa where the land, beaches and ocean are FULL of plastic from human garbage and excess.

Sincerely,

Sheree Gurnell
Emerald PEI

Allen Roach - Support in Plastic Bag Ban

From: Choyce Chappell <choycechappell@gmail.com>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 11:30 AM
Subject: Support in Plastic Bag Ban

Dear Honorable Allen Roach,

I am e-mailing you in support of not just the plastic bag restrictions you are proposing, but in support of a 100% ban of plastic bag use on Prince Edward Island. Plastic bags are costly, health hazards, and environmental hazards.

I have felt for years that PEI has the potential to be an innovator in environmentalism and a leader in many facets of environmentalism.

Thank you very much,

Choyce Chappell
UPEI Environmental Studies Student
UPEI Environmental Society Chair

Allen Roach - Bill - Plastic bag reduction

From: Nathalie Lefrancois
To: Roach, Allen
Date: 4/18/2018 11:52 AM
Subject: Bill - Plastic bag reduction

Hi Allen,

It couldn't have been a better start of my morning to hear on CBC about you introducing a private member bill to address the plastic bags issue.

For the life of me, I cannot understand why people still use them. Plastic is found in our oceans and now research shows that it is even found in our bottled water. Something must be done and years of encouragement to use reusable bags doesn't seem to convince everyone. Also, seeing fields around PEI (such as by the RCMP office/Farmers' market in town) with so much plastic bags blown there is not a nice sight. We have to pay attention to our environment, show we can be pro-active in our actions, and be the best example for the rest of the country.

I understand that it is a first step to address a huge issue we have in this country. I'm sure it could also extend to the reduction of plastic water bottles and other drinks, disposable cups at fast food places & take outs, among many others.

I used to live in North Rustico few years ago. The beach over there was quite clean until the Robins Donuts came to the village. Then, disposable cups could be found near the parking area, on the beach, and on the side of the roads.

So I wanted to thank you personally for this bill and I hope it will be enacted in the near future.

Nathalie

Nathalie LeFrançois

Data Analyst
Département of Economic Development and Tourism
Strategic Initiatives
Evaluation, Measurement and Business Intelligence Unit
Tel: [\(902\) 368-5931](tel:(902)368-5931)
Fax: [\(902\) 368-4438](tel:(902)368-4438)

Analyste de données
Département du Développement économique et du Tourisme
Initiatives stratégiques
Tél: [\(902\) 368-5931](tel:(902)368-5931)
Télécopieur: [\(902\) 368-4438](tel:(902)368-4438)

Allen Roach - RE: plastic bag bill

From: "Lloyd Kerry" <lkerry@eastlink.ca>
To: "Allen Roach" <afroach@assembly.pe.ca>
Date: 4/18/2018 12:38 PM
Subject: RE: plastic bag bill

Hi Allen,
Sounds good! They're \$6 each, including HST. How many would you like? When would be a good day and time to drop them off to you?

Lloyd

From: Allen Roach <afroach@assembly.pe.ca>
Sent: April-18-18 11:49 AM
To: lkerry@eastlink.ca
Subject: plastic bag bill

Thanks Lloyd, I sure appreciate your support and would love to buy several bags and gift them to some people I know as well as add some to my cart. Really like the tote!

Regards
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Lloyd Kerry
Sent: Wednesday, April 18, 2018 8:26 AM
To: Allen Roach
Subject: plastic bag bill

Good morning,

I just wanted to commend you on your initiative on the plastic bag bill you're proposing. It's a good step in the right direction.

It is timed well with the recent release of my new product, the reusable tote bog that is geared toward our Island visitors.

Let me know if you'd like a sample and I can drop one off.

Have a great day.

Lloyd Kerry
Charlottetown

Statement of Confidentiality

This message (including attachments) may contain confidential or privileged information intended for a specific individual or organization. If you have received this communication in error, please notify the sender immediately. If you are not the intended recipient, you are not authorized to use, disclose, distribute, copy, print or rely on this email, and should promptly delete this email from your entire computer system.

Déclaration de confidentialité

Le présent message (y compris les annexes) peut contenir des renseignements confidentiels à l'intention d'une personne ou d'un organisme en particulier. Si vous avez reçu la présente communication par erreur, veuillez en informer l'expéditeur immédiatement. Si vous n'êtes pas le destinataire prévu, vous n'avez pas le droit d'utiliser, de divulguer, de distribuer, de copier ou d'imprimer ce courriel ou encore de vous en servir, et vous devriez le supprimer complètement de votre système informatique.

Allen Roach - On the Proposed Ban of Plastic Bags

From: Devin de Montbrun <devindemontbrun@gmail.com>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 1:49 PM
Subject: On the Proposed Ban of Plastic Bags

Dear Minister,

I am writing to inform you that I am very much in favour of a restriction on plastic shopping bags. I would also prefer a complete ban if possible as well.

Yours sincerely,

Devin de Montbrun

Allen Roach - Plastic Bag Ban

From: Katherine Elizabeth Smith <kathsmith@upei.ca>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 2:49 PM
Subject: Plastic Bag Ban

Good Afternoon,

I just wanted to write to you to say that I fully support a ban of plastic bags for Prince Edward Island. I work at a local grocery store and if people knew how many plastic bags we use in a single day I'm sure they would be disgusted. I truly hope that you are successful.

Thanks,
Katherine Smith

Allen Roach - Single Use Plastic Bags

From: Dave Barrett <e3research@gmail.com>
To: <rebrown@gov.pe.ca>
Date: 4/18/2018 3:04 PM
Subject: Single Use Plastic Bags
CC: <afroach@assembly.pe.ca>
Attachments: Plastic_Bags_Ban_Options_-_Cost_Benefit_Analysis_Report.pdf

Dear Minister (Richard),

Great news this morning re. Mr. Roach's trial balloon. I had wanted to follow-up on your recent attendance at the UPEI Environmental Studies symposium and thank you for your encouraging words when you took the time to address the audience on the single-use plastic bag issue.

At that time I mentioned that one way to analyse the costs and benefits of a bag ban would be to perform a benefit-cost analysis of bags versus no bags. I know you have competent staff within your department that can advise you effectively however they may not have provided you with this type of basic economic analysis. To that end I have attached the cost benefit analysis prepared for the City of Victoria in late 2016 that assisted their council in determining a bag ban was the preferred economic and environmental course of action.

You will note that the banning of all plastic bags delivers the highest net economic benefit estimated to have a a net economic benefit of \$64.4 million and \$28.5 million in NPV terms over 10 years and 5 years respectively. The BCRs over 10 years and 5 years are 1.28 and 1.26 respectively. Included in those figures is the environmental benefit (monetized) at \$13.0 million in NPV terms over 10 years under option four (bag ban). I have extrapolated those numbers based on population data for PEI and one could reasonably argue that the Island would see approximately \$30 million and \$15 million in NPV terms over 10 years and 5 years respectively. These are significant economic and environmental benefits and excellent benefit-cost ratios that cannot be ignored. It's both good business, good for the economy, and really good for the environment.

Please note that you will be receiving additional correspondence from me over the coming weeks in association with the UPEI Environmental Studies Society that will outline the currently state of plastics in the environment, and especially in the ocean and watercourses in and around PEI.

I am happy to meet with either of you at any time and would be happy to advise you further on the attached analysis or the preparation of a specific benefit-cost analysis for the proposed PEI bag ban.

In closing, I want to thank you for your forward looking action here, both you and MLA Roach deserve credit for floating this trial balloon. Public opinion is on your side, even if you hear vocal opposition from narrow segments or contrary advice from the waste manager. Burning plastic bags is the very worst option even without costing the pulse GHGs that occur with burning plastics. Cost the GHGs at \$40 per tonne and the analysis would result in even higher BCA ratios.

Best regards,

Dave Barrett, MSc
<http://www.upci.ca/science/david-barrett>

Allen Roach - plastic bags

From: <jsgaudet@bellaliant.net>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 5:12 PM
Subject: plastic bags

Minister Roach, I'm fully in support of banning shopping bags. It annoys me so much when I see someone leaving a grocery store with all their groceries in plastic bags. We have a large box in back seat of our car and that's for all our shopping bags. We bought several zippered bags, large and small, at Sobeys which are great for frozen and perishable food. We also have the Sobeys bags that don't have zippers and use them for non-perishable items. When I think back to my parents and how they were so involved in recycling everything and nothing was wasted. My husband and I try very hard to do the same, have donated a lot of items to Habitat for Humanity, Bibles for Missions, Mikinduri Yard Sale. I also donate items to Military Museum, working with Curator Greg Gallant, and donated 2 bookcases which he'll use for museum. Humane Society has been asking for compostable egg cartons to put food in for the animals, rather than using dishes that have to be washed & sanitized. I dropped by recently with several of those cartons. Several years ago we had all windows replaced in our home and I gave the old windows away to anyone who could make use of them. Two young guys came by, weren't interested in windows, this was just before Island Waste Watch had started pickups, and these two guys were obviously against it and went on about how our carts were going to be damaged in winter by snowplough. Our carts don't go to roadside when there's stormy weather. We were glad when Waste Watch started, and we already had a private company hired to pick up our garbage. I wish we had blue carts for our recyclables instead of using blue bags. I have a son and daughter-in-law living in Toronto and they have a blue cart. Another idea would be to have a blue cart designed like the black and green carts. We drop off our dead batteries at bin in grocery store. We work very hard at recycling, reducing waste, and are making a major effort to be responsible about it. I'm 82, physically handicapped, my husband is 78, has his medical problems, but this doesn't stop us from doing what we feel is right about trying to be responsible about recycling. I'm very concerned about what kind of a planet this is going to be for future generations. I've always felt that David Suzuki is right about climate change and now he can say "I told you so". Good luck with your bill to get plastic shopping bags banned.

Janet Gaudet
St. Catherines, P.E.I.

Allen Roach - plastic

From: jan gomersall <jancg@eastlink.ca>
To: <afroach@assembly.pe.ca>
Date: 4/18/2018 7:49 PM
Subject: plastic

Good evening, Sir.

This morning on the News I heard about your Private Members' Bill re. plastic shopping bags. I applaud your efforts— it's a good start, BUT, of far greater concern, in my opinion, is the plastic bottle plague.

Earlier this month, a report came out about the water in plastic bottles, and, on April 6, 2018 CBC's "Marketplace" followed up this report. Here on P.E.I. there seems to be absolutely **no need** for bottled water since our water is quality controlled by legislation. It is an expensive 'fad'! Bottled water is expensive to buy, there is a 10 cent charge on the bottles (most of which are thrown away rather than taken to the bottle collection depots). The big water-bottling companies (Coca Cola, Nestles etc.) 'rip off' both the consumer and, in Canada, the governments. In Ontario, Nestles uses Government wells for their water and pay only 3% tax for the privilege, yet they charge the consumer the full purchase tax! I don't know about P.E.I.

In Third World countries, these big companies are even worse — they go in, take over a good village well, fence it all around so that the local people have no access to their well, but have to travel (in some cases, for many miles) to haul back less than good water for their families. Of course, the big companies then sell (at big profits) their own water back to them in bottles that they can then throw away to pollute their environments! Fair exchange??? I think not!

As I said, your proposed Bill re. the shopping bags is a good start (though it is something which has been around for a good number of years), but, for the greater good, go for legislation re. plastic bottles and the big water-bottling companies.

Sincerely yours,
Jan C. Gomersall

From: Maxine Delaney <maxreinvented@gmail.com>
To: Allen Roach <afroach@assembly.pe.ca>
Date: 4/18/2018 9:05 PM
Subject: Kenya imposes world's toughest law against plastic bags | Article [AMP] | Reuters

Hello Mr. Roach

Happy to see someone finally attempting a plastic ban on our Island.

I was in Kenya this winter with Farmers Helping Farmers. They recently imposed a ban on single use plastic bags. If Kenya can do it so can we.

You may have already seen this article but if not it would be worth a read.

I brought back a bag that is being used in lieu of plastic if you have an interest in seeing it I could drop it off at your office.

Regards

Maxine Delaney

<https://www.reuters.com/article/us-kenya-plastic/kenya-imposes-worlds-toughest-law-against-plastic-bags-idUSKCN1B80NW>

Love my iPhone

From: Marion <mgclorey@gmail.com>
To: <afroach@assembly.pe.ca>
CC: <psbevanbaker@assembly.pe.ca>
Date: 4/18/2018 9:25 PM
Subject: Plastic bag use

Dear Mr. Roach,

I was pleased to hear you on CBC proposing a restriction on plastic bag use. I commend you for this initiative and I want you to know I support a full-on ban on plastic bags. Doing all that I can to care for our earth is important to me. Admittedly, I forget my reusable bag sometimes when I go shopping, so this was a good reminder that that practice is not in line with my values.

I am copying my MLA Peter Bevan-Baker on this message and I am confident he will support your motion.

Sincerely,
Marion Clorey,
Nine Mile Creek, PE

Allen Roach - Re: Plastic bag use

From: Peter Bevan-Baker
To: Allen Roach; Marion
Date: 4/18/2018 9:46 PM
Subject: Re: Plastic bag use

Dear Marion,
Thanks so much for expressing your support of Mr. Roach's bill, and you can be assured that I will indeed be supporting it and am very grateful for him bringing it forward to the House.
Best wishes,
Peter

Peter Bevan-Baker
Leader, Third Party

Office of the Third Party / Bureau du troisième parti
Legislative Assembly of Prince Edward Island / Assemblée législative de l'Île-du-Prince-Édouard

Tel/Tél. : 902-620-3977
Cell/Mobile : 902-388-8171
Email/Courriel : psbevanbaker@assembly.pe.ca

>>> Marion <mgclorey@gmail.com> 04/18/18 9:25 PM >>>

Dear Mr. Roach,

I was pleased to hear you on CBC proposing a restriction on plastic bag use. I commend you for this initiative and I want you to know I support a full-on ban on plastic bags. Doing all that I can to care for our earth is important to me. Admittedly, I forget my reusable bag sometimes when I go shopping, so this was a good reminder that that practice is not in line with my values.

I am copying my MLA Peter Bevan-Baker on this message and I am confident he will support your motion.

Sincerely,

Marion Clorey,
Nine Mile Creek, PE

Allen Roach - Re: plastic bags

From: <jsgaudet@bellaliant.net>
To: "Allen Roach" <afroach@assembly.pe.ca>
Date: 4/19/2018 8:10 AM
Subject: Re: plastic bags

Hello Allan: Something has got to change. Another thing we try to remember to do is take one of those grocery bags with us when shopping at another store for non-grocery items. By having them in back seat of car, it's easier to remember to do that. I was thinking back to when Mom & Dad got all their milk in glass bottles.

Reason I got so involved with Military Museum is that my Dad and 2 uncles served in WW1. I've donated a lot of archival items to museum. Dad was a gunner, served in Belgium, France, was at Vimy Ridge. Greg did a framing of photo of Dad in his uniform, his service medals, Legion medal, and service pins and eventually that will go to my son. Recently I donated archival items of Dad's brother who was in navy, Greg did a framing of those, and it's on display at museum. Have also donated a lot of items to Museum and Heritage. My dream for a long time has been to have a provincial museum. I started donating items several years ago with the hope that we'd have one. We're the only province in Canada without a museum. Very disappointed that former C.N.R. engine shop wasn't turned into a museum. Location would have been perfect for one.

Janet

From: Allen Roach
Sent: Thursday, April 19, 2018 7:49 AM
To: jsgaudet@bellaliant.net
Subject: plastic bags

Good Morning Janet!

Thank you for your support of banning shopping bags. It is annoying to see so much plastic bags. There are easy alternatives.

I was also happy when Waste Watch started as we had lived in Ontario for some time and we're used to recycling. This is just a first step and I will be going to work on plastic bottles next.

The Blue cart is also a good idea.

Thank you again for your support.
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: <jsgaudet@bellaliant.net>
Sent: Wednesday, April 18, 2018 5:12 PM
To: Allen Roach
Subject: plastic bags

Minister Roach, I'm fully in support of banning shopping bags. It annoys me so much when I see someone leaving a grocery store with all their groceries in plastic bags. We have a large box in back seat of our car and that's for all our shopping bags. We bought several zippered bags, large and small, at Sobeys which are great for frozen and perishable food. We also have the Sobeys bags that don't have zippers and use them for non-perishable items. When I think back to my parents and how they were so involved in recycling everything and nothing was wasted. My husband and I try very hard to do the same, have donated a lot of items to Habitat for Humanity, Bibles for Missions, Mikinduri Yard Sale. I also donate items to Military Museum, working with Curator Greg Gallant, and donated 2 bookcases which he'll use for museum. Humane Society has been asking for compostable egg cartons to put food in for the animals, rather than using dishes that have to be washed & sanitized. I dropped by recently with several of those cartons. Several years ago we had all windows replaced in our home and I gave the old windows away to anyone who could make use of them. Two young guys came by, weren't interested in windows, this was just before Island Waste Watch had started pickups, and these two guys were obviously against it and went on about how our carts were going to be damaged in winter by snowplough. Our carts don't go to roadside when there's stormy weather. We were glad when Waste Watch started, and we already had a private company hired to pick up our garbage. I wish we had blue carts for our recyclables instead of using blue bags. I have a son and daughter-in-law living in Toronto and they have a blue cart. Another idea would be to have a blue cart designed like the black and green carts. We drop off our dead batteries at bin in grocery store. We work very hard at recycling, reducing waste, and are making a major effort to be responsible about it. I'm 82, physically handicapped, my husband is 78, has his medical problems, but this doesn't stop us from doing what we feel is right about trying to be responsible about recycling. I'm very concerned about what kind of a planet this is going to be for future generations. I've always felt that David Suzuki is right about climate change and now he can say "I told you so". Good luck with your bill to get plastic shopping bags banned.

Janet Gaudet
St. Catherines, P.E.I.

Statement of Confidentiality

This message (including attachments) may contain confidential or privileged information intended for a specific individual or organization. If you have received this communication in error, please notify the sender immediately. If you are not the intended recipient, you are not authorized to use, disclose, distribute, copy, print or rely on this email, and should promptly delete this email from your entire computer system.

Déclaration de confidentialité

Le présent message (y compris les annexes) peut contenir des renseignements confidentiels à l'intention d'une personne ou d'un organisme en particulier. Si vous avez reçu la présente communication par erreur, veuillez en informer l'expéditeur immédiatement. Si vous n'êtes pas le destinataire prévu, vous n'avez pas le droit d'utiliser, de divulguer, de distribuer, de copier ou d'imprimer ce courriel ou encore de vous en servir, et vous devriez le supprimer complètement de votre système informatique.

From: Christine Stanley <christine_weaving@icloud.com>
To: Allen Roach <afroach@assembly.pe.ca>
Date: 4/19/2018 9:25 AM
Subject: Re: Plastic bags

My daughter is sending me the Information on plastic bags and the changes they've had to make over the years. I will send that on to you sometime today. It's only 6:30 in Alberta..Christine Stanley.

Sent from my iPad

> On Apr 18, 2018, at 11:56 AM, Allen Roach <afroach@assembly.pe.ca> wrote:

>

> Thank You Christine and Malcom! Fort McMurray is a community I will
> definitely mention when I am presenting my Bill at our Legislature. Your
> comments are very encouraging. Thank You for that!

> Regards

> Allen

>

> Sent from my BlackBerry 10 smartphone on the TELUS network.

> Original Message

> From: Christine Stanley

> Sent: Wednesday, April 18, 2018 8:45 AM

> To: Allen Roach

> Subject: Plastic bags

>

> Minister Roach,

> Thank you so much for your interest in getting rid of plastic bags. I've
> been to Ft. McMurray, to visit my daughter, an environmental scientist.

> I was surprised to find plastic bags are banded. If one forgets bags at
> the store you just reload the grocery cart and unload at your car, into
> the bags you forgot. They have a population close to PEI and have
> adjusted just fine.

> They also eliminated blue bags by introducing a third bin that is light
> blue. It contains all the recycled items. When you average 2 blue bags
> per household for 140 thousand people, it eliminates 280,000 blue bags a
> month.....it's scary when one does the math.

> Thank you again from all of us in our community. Christine and Malcolm
> Stanley

>

>

> Sent from my iPad

>

> -----

> Statement of Confidentiality

> This message (including attachments) may contain confidential or privileged information intended for a specific individual or organization. If you have received this communication in error, please notify the sender immediately. If you are not the intended recipient, you are not authorized to use, disclose, distribute, copy, print or rely on this email, and should promptly delete this email from your entire computer system.

>

>

>

Allen Roach - Re: Women's Institute -Plastic Bag Reduction Act

From: Ellen D MacPhail
To: Roach, Allen
Date: 4/19/2018 1:27 PM
Subject: Re: Women's Institute -Plastic Bag Reduction Act
CC: Cole, DoreenBill

Thank you for your call today - we hope to have a letter to the Legislature by early next week.

Ellen



Ellen MacPhail
Executive Director
PEI Women's Institute
40 Enman Crescent,
Charlottetown, PE C1E 1E6
Phone: 902-368-4860, Fax: 902-368-4439



By searching "*PEIWomensInstitute*"

>>> Ellen D MacPhail 4/19/2018 10:08 AM >>>

Hi Al,

The provincial PEI Women's Institute is quite interested in the Act to reduce plastic bags you recently tabled. Doreen Cole, provincial Board member responsible for the Roadside Cleanup is copied and would like to support this initiative.

How can WI, representing all branches across PEI, support you in a public manner?

On a separate note I was at Leo Murphy's last weekend looking at the fine ship Decision for the owner, and saw your former boat - what a change not being yellow. What a neat guy he is, and I was able to see the Chris Craft replica - wow. Hope to see you on the water soon, and there is talk of our second boat going down your way for the summer.

Hope you are well, and please advise on what we can do to support you on a very important Act.

Enjoy your day.

Ellen



Ellen MacPhail
Executive Director
PEI Women's Institute
40 Enman Crescent,
Charlottetown, PE C1E 1E6
Phone: 902-368-4860, Fax: 902-368-4439



By searching "*PEIWomensInstitute*"

From: Christine Stanley <christine_weaving@icloud.com>
To: <afroach@assembly.pe.ca>
Date: 4/19/2018 5:15 PM
Subject: Ft McMurray plastic bag bylaw
Attachments: Single-use Shopping Bag Bylaw.pdf; Part.002

<https://www.rmwb.ca/Assets/Departments/Legislative+and+Legal+Services/Bylaws/ShoppingBag>

Allen Roach - Plastic Bags

From: Nick Easton <nickeaston@accesswave.ca>
To: <afroach@assembly.pe.ca>
Date: 4/20/2018 7:55 AM
Subject: Plastic Bags

Mr. Roach,

Just a note to applaud you on your private bill to reduce the use of plastic bags. We need more lawmakers to lead the way as custodians of our environment, and to work towards elimination of unsustainable conveniences that scientific study warns will cost us dearly in the future.

Thank you for your service over the years, and I wish you all the best in your retirement.

Nick Easton
Montague

Sent from Blue

Allen Roach - Plastic bags

From: lyette28 <lyette28@gmail.com>
To: <afroach@assembly.pe.ca>
Date: 4/20/2018 8:19 AM
Subject: Plastic bags

Bonjour Hon. Allen Roach,

I support your bill on eliminating plastic bags
It is very important not to give up on this issue for the futur
Thank you,
Lyette Sansoucy

Sent from my Galaxy Tab® E

Allen Roach - plastic bags

From: Pat <brentandpat@eastlink.ca>
To: "afroach@assembly.pe.ca" <afroach@assembly.pe.ca>
Date: 4/20/2018 1:32 PM
Subject: plastic bags

Thank you for putting forth a bill to ban or limit plastic bags I have been using reusable bags for 10 yrs now and it is so much easier once you get used to it

Sent from Mail for Windows 10

Allen Roach - Bags

From: maureenagarrity <maureenagarrity@gmail.com>
To: <afroach@assembly.pe.ca>
Date: 4/21/2018 3:50 PM
Subject: Bags

GOOD FOR YOU!!!! We MUST reduce plastic waste as it is killing our oceans. People need to be legislated to do this - I still see most people using plastic at grocery stores.
PLEASE push this !!!!
Thank you. Maureen Garrity

Sent from my Samsung Galaxy smartphone.

From: Marykendrick <marykendrick15@gmail.com>
To: "afroach@assembly.pe.ca" <afroach@assembly.pe.ca>
Date: 4/22/2018 12:49 AM
Subject: Plastic bag ban

Hello,

As a teacher and principal preparing videos and materials for Earth week at my school, I have decided to do my part to rid the world of single use plastic- carry bags, drink containers, etc. I am saddened and disgusted by the plastic pollution in this world and as you said, "It is time" to get rid of plastic single use bags. That for me is a start. Thank you for putting this forth in the legislature. I hope you will continue to fight for ridding the world of plastic!

I am the principal of Mt. Stewart school and we will be getting rid of styrofoam cups, bowls and plastic lids for our hot lunches this week and buying reusable cutlery to replace our plastics. That is a start and we will continue to reduce and encourage other schools to do the same.

Thank you!
Mary Kendrick

Sent from my iPad

Allen Roach - Re: plastic reduction bill

From: Allen Roach <afroach@gov.pe.ca>
To: Maggie Cheverie
Date: 4/18/2018 7:52 AM
Subject: Re: plastic reduction bill

Thank You Maggie! And I do agree styrofoam is another product that needs to be addressed and taken out of our use. This Bill is just a starting point. I believe we can find other products that can be used instead other plastics as well that will not be harmful to our environment.

Thank You for your support!

Regards

Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Maggie Cheverie
Sent: Wednesday, April 18, 2018 7:45 AM
To: Allen Roach
Subject: plastic reduction bill

Yes, I totally support your bill re reducing plastic bags. Please consider adding styrofoam products to the list.

thank you for this initiative.

Maggie Cheverie

From: Allen Roach <afroach@gov.pe.ca>
To: Sam Paton
Date: 4/18/2018 8:21 AM
Subject: Plastic Bag Ban

Thanks Sam, you have stated it very well! I really appreciate your support with this Legislation!
Regards
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

Original Message
From: Sam Paton
Sent: Wednesday, April 18, 2018 7:56 AM
To: Allen Roach
Subject: Plastic Bag Ban

Mr. Roach,

I just read about your proposal for the Plastic Bag Reduction Act. I've been working hard to reduce plastic use and to get others to see why it is a problem. I just wanted to let you know that I fully support your motion, and also to say thanks for bringing this issue to the forefront of discussion in a time when many people are fine to brush it off as someone else's problem.

Best of luck passing the bill!

Sam Paton

Allen Roach - Support in Plastic Bag Ban

From: Allen Roach <afroach@gov.pe.ca>
To: Choyce Chappell
Date: 4/18/2018 11:44 AM
Subject: Support in Plastic Bag Ban

Good Morning Choyce! Thank you for your support and I whole heartily agree with you in that we can be a leader, starting with our Wind Energy. This is a first step and just a starting point. I intend on moving forward toward plastic bottles and into a full ban. This is good on so many levels!

Regards
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Choyce Chappell
Sent: Wednesday, April 18, 2018 11:30 AM
To: Allen Roach
Subject: Support in Plastic Bag Ban

Dear Honorable Allen Roach,

I am e-mailing you in support of not just the plastic bag restrictions you are proposing, but in support of a 100% ban of plastic bag use on Prince Edward Island. Plastic bags are costly, health hazards, and environmental hazards.

I have felt for years that PEI has the potential to be an innovator in environmentalism and a leader in many facets of environmentalism.

Thank you very much,

Choyce Chappell
UPEI Environmental Studies Student
UPEI Environmental Society Chair

From: Allen Roach <afroach@gov.pe.ca>
To: tom crowell
Date: 4/18/2018 11:46 AM
Subject: Plastic waste

Thanks Tom, I truly appreciate your support and this is a first step, more to come!
Regards
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

Original Message

From: tom crowell
Sent: Wednesday, April 18, 2018 8:24 AM
To: Allen Roach
Subject: Plastic waste

Hello Mr. Roach,

I heard today that you have introduced a bill to reduce the distribution of plastic shopping bags on PEI and I'm so excited to hear this. I personally stopped taking any plastic bags from stores over 5 years ago and it's amazing how easy it is to say "I don't need a bag" and simply walk out of the store with the item in your hand. When it comes to multiple items, I take my own bags.

I have travelled much in Canada and Europe and many, many places either do not have bags at all or charge you for them, and people adjust to not being given a bag as the norm.

Some stores, such as Indigo, ask you first before simply giving you a bag and I have noticed people pause when asked and often say, no actually they don't need one. If more people thought about it they would realize they didn't need a bag at a given moment.

I am very concerned with the plastic pollution both locally and globally and it is irresponsible of us to not reduce our usage.

Thank you so much for your efforts and all the best.

Eddie Rogers

Allen Roach - plastic bag bill

From: Allen Roach <afroach@gov.pe.ca>
To: Lloyd Kerry
Date: 4/18/2018 11:48 AM
Subject: plastic bag bill

Thanks Lloyd, I sure appreciate your support and would love to buy several bags and gift them to some people I know as well as add some to my cart. Really like the tote!

Regards

Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Lloyd Kerry
Sent: Wednesday, April 18, 2018 8:26 AM
To: Allen Roach
Subject: plastic bag bill

Good morning,

I just wanted to commend you on your initiative on the plastic bag bill you're proposing. It's a good step in the right direction.

It is timed well with the recent release of my new product, the reusable tote bag that is geared toward our Island visitors.

Let me know if you'd like a sample and I can drop one off.

Have a great day.

Lloyd Kerry
Charlottetown

From: Allen Roach <afroach@gov.pe.ca>
To: Marlene Hunt
Date: 4/18/2018 11:51 AM
Subject: Plastic bag ban

Good Morning Marlene and thank you for your encouraging comments. I can't believe the number of Islanders who are embracing this and amount of e-mails and support for the Bill.

Regards
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

Original Message
From: Marlene Hunt
Sent: Wednesday, April 18, 2018 8:26 AM
To: Allen Roach
Subject: Plastic bag ban

Mr. Roach: thank you for bringing this legislation forward. It's great to see PEI will lead the Country with this initiative! I know some Canadian cities and some northern communities have banned plastic bags but PEI would be the first Province to do this. It's a long process to achieve positive change but as an advocate for many years , I know that Island business will embrace this as it will save them money from buying plastic bags. Although change can be hard for us, I believe Islanders will embrace such an important environmental initiative.

Again thank you for your service and leadership . Sincerely Marlene Hunt Cornwall PEI

Sent from my iPhone

Allen Roach - Plastic Bags

From: Allen Roach <afroach@gov.pe.ca>
To: Peter Rukavina
Date: 4/18/2018 11:52 AM
Subject: Plastic Bags

Good Morning Peter, I sincerely appreciate your encouraging words.
Regards
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Peter Rukavina
Sent: Wednesday, April 18, 2018 8:44 AM
To: Allen Roach
Subject: Plastic Bags

Mr. Roach,

Thank you for taking the lead on work toward eliminating plastic shopping bags: it's high time this happened.

Regards,
Peter Rukavina

From: Allen Roach <afroach@gov.pe.ca>
To: Christine Stanley
Date: 4/18/2018 11:56 AM
Subject: Plastic bags

Thank You Christine and Malcom! Fort McMurray is a community I will definitely mention when I am presenting my Bill at our Legislature. Your comments are very encouraging. Thank You for that!
Regards
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

Original Message
From: Christine Stanley
Sent: Wednesday, April 18, 2018 8:45 AM
To: Allen Roach
Subject: Plastic bags

Minister Roach,

Thank you so much for your interest in getting rid of plastic bags. I've been to Ft. McMurray, to visit my daughter, an environmental scientist. I was surprised to find plastic bags are banded. If one forgets bags at the store you just reload the grocery cart and unload at your car, into the bags you forgot. They have a population close to PEI and have adjusted just fine.

They also eliminated blue bags by introducing a third bin that is light blue. It contains all the recycled items. When you average 2 blue bags per household for 140 thousand people, it eliminates 280,000 blue bags a month.....it's scary when one does the math.

Thank you again from all of us in our community. Christine and Malcolm Stanley

Sent from my iPad

Allen Roach - Ban of Single-Use Plastic Bags

From: Allen Roach <afroach@gov.pe.ca>
To: Pierre Bedard
Date: 4/18/2018 11:57 AM
Subject: Ban of Single-Use Plastic Bags

Thank you Pierre. It is so encouraging to hear from Canadians across our Country.

Regards
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Pierre Bedard
Sent: Wednesday, April 18, 2018 9:29 AM
To: Allen Roach
Subject: Ban of Single-Use Plastic Bags

Wonderful!
Go for it!
I hope your colleagues embrace the idea and make PEI a leader in addressing the glut of plastic in Canada.

Pierre Bédard
111 av. Acacia
Ottawa, ON
K1M 0P8

Allen Roach - Plastic bag elimination

From: Allen Roach <afroach@gov.pe.ca>
To: Sheree Gurnell
Date: 4/18/2018 12:07 PM
Subject: Plastic bag elimination

Good afternoon Sheree! Your observation are correct. We need to start here and grow. Thank you for your support.

Regards
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Sheree Gurnell
Sent: Wednesday, April 18, 2018 10:04 AM
To: Allen Roach
Subject: Plastic bag elimination

Dear Mr Roach,

I wholeheartedly support your bill to eliminate plastic bags on PEI. I originally come from South Africa where the land, beaches and ocean are FULL of plastic from human garbage and excess.

Sincerely,

Sheree Gurnell
Emerald PEI

Allen Roach - Bill - Plastic bag reduction

From: Allen Roach <afroach@gov.pe.ca>
To: Nathalie Lefrancois
Date: 4/18/2018 12:11 PM
Subject: Bill - Plastic bag reduction

Hi Nat! You are so right. I, like you and have seen much of what you have. We need to start somewhere and I fully intend on moving toward plastic bottles next and other plastics as well.

Thank you for your support.

Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Nathalie Lefrancois
Sent: Wednesday, April 18, 2018 11:52 AM
To: Allen Roach
Subject: Bill - Plastic bag reduction

Hi Allen,

It couldn't have been a better start of my morning to hear on CBC about you introducing a private member bill to address the plastic bags issue.

For the life of me, I cannot understand why people still use them. Plastic is found in our oceans and now research shows that it is even found in our bottled water. Something must be done and years of encouragement to use reusable bags doesn't seem to convince everyone. Also, seeing fields around PEI (such as by the RCMP office/Farmers' market in town) with so much plastic bags blown there is not a nice sight. We have to pay attention to our environment, show we can be pro-active in our actions, and be the best example for the rest of the country.

I understand that it is a first step to address a huge issue we have in this country. I'm sure it could also extend to the reduction of plastic water bottles and other drinks, disposable cups at fast food places & take outs, among many others.

I used to live in North Rustico few years ago. The beach over there was quite clean until the Robins Donuts came to the village. Then, disposable cups could be found near the parking area, on the beach, and on the side of the roads.

So I wanted to thank you personally for this bill and I hope it will be enacted in the near future.

Nathalie

Nathalie LeFrançois

Data Analyst
Department of Economic Development and Tourism
Strategic Initiatives

Evaluation, Measurement and Business Intelligence Unit

Tel: (902) 368-5931

Fax: (902) 368-4438

Analyste de données

Département du Développement économique et du Tourisme

Initiatives stratégiques

Tél: (902) 368-5931

Télécopieur: (902) 368-4438

Allen Roach - Plastic Bag Ban

From: Allen Roach <afroach@gov.pe.ca>
To: Katherine Elizabeth Smith
Date: 4/19/2018 7:37 AM
Subject: Plastic Bag Ban

Good Morning Katherinel

Thank you for sour support and encouragement. I do hope to get this bill passed in this sitting!

Regards

Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Katherine Elizabeth Smith
Sent: Wednesday, April 18, 2018 2:49 PM
To: Allen Roach
Subject: Plastic Bag Ban

Good Afternoon,

I just wanted to write to you to say that I fully support a ban of plastic bags for Prince Edward Island. I work at a local grocery store and if people knew how many plastic bags we use in a single day I'm sure they would be disgusted. I truly hope that you are successful.

Thanks,
Katherine Smith

Allen Roach - plastic bags

From: Allen Roach <afroach@gov.pe.ca>
To: "<jsgaudet@bellaliant.net>"
Date: 4/19/2018 7:49 AM
Subject: plastic bags

Good Morning Janet!

Thank you for your support of banning shopping bags. It is annoying to see so much plastic bags.

There are easy alternatives.

I was also happy when Waste Watch started as we had lived in Ontario for some time and we're used to recycling. This is just a first step and I will be going to work on plastic bottles next.

The Blue cart is also a good idea.

Thank you again for your support.

Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: <jsgaudet@bellaliant.net>
Sent: Wednesday, April 18, 2018 5:12 PM
To: Allen Roach
Subject: plastic bags

Minister Roach, I'm fully in support of banning shopping bags. It annoys me so much when I see someone leaving a grocery store with all their groceries in plastic bags. We have a large box in back seat of our car and that's for all our shopping bags. We bought several zippered bags, large and small, at Sobeys which are great for frozen and perishable food. We also have the Sobeys bags that don't have zippers and use them for non-perishable items. When I think back to my parents and how they were so involved in recycling everything and nothing was wasted. My husband and I try very hard to do the same, have donated a lot of items to Habitat for Humanity, Bibles for Missions, Mikinduri Yard Sale. I also donate items to Military Museum, working with Curator Greg Gallant, and donated 2 bookcases which he'll use for museum. Humane Society has been asking for compostable egg cartons to put food in for the animals, rather than using dishes that have to be washed & sanitized. I dropped by recently with several of those cartons. Several years ago we had all windows replaced in our home and I gave the old windows away to anyone who could make use of them. Two young guys came by, weren't interested in windows, this was just before Island Waste Watch had started pickups, and these two guys were obviously against it and went on about how our carts were going to be damaged in winter by snowplough. Our carts don't go to roadside when there's stormy weather. We were glad when Waste Watch started, and we already had a private company hired to pick up our garbage. I wish we had blue carts for our recyclables instead of using blue bags. I have a son and daughter-in-law living in Toronto and they have a blue cart. Another idea would be to have a blue cart designed like the black and green carts. We drop off our dead batteries at bin in grocery store. We work very hard at recycling, reducing waste, and are making a major effort to be responsible about it. I'm 82, physically handicapped, my husband is 78, has his medical problems, but this doesn't stop us from doing what we

feel is right about trying to be responsible about recycling. I'm very concerned about what kind of a planet this is going to be for future generations. I've always felt that David Suzuki is right about climate change and now he can say "I told you so". Good luck with your bill to get plastic shopping bags banned.

Janet Gaudet
St. Catherines, P.E.I.

Allen Roach - plastic

From: Allen Roach <afroach@gov.pe.ca>
To: jan gomersall
Date: 4/19/2018 7:53 AM
Subject: plastic

Good Morning Jan!

Thank you for your support. You are correct. This is a good start and I assure you I have the same concerns. This is a first step, plastic bottles and other plastics are next. I am using this to get the ball rolling!

Thank you again.
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: jan gomersall
Sent: Wednesday, April 18, 2018 7:49 PM
To: Allen Roach
Subject: plastic

Good evening, Sir.

This morning on the News I heard about your Private Members' Bill re. plastic shopping bags. I applaud your efforts— it's a good start, BUT, of far greater concern, in my opinion, is the plastic bottle plague.

Earlier this month, a report came out about the water in plastic bottles, and, on April 6, 2018 CBC's "Marketplace" followed up this report. Here on P.E.I. there seems to be absolutely **no need** for bottled water since our water is quality controlled by legislation. It is an expensive 'fad'! Bottled water is expensive to buy, there is a 10 cent charge on the bottles (most of which are thrown away rather than taken to the bottle collection depots). The big water-bottling companies (Coca Cola, Nestles etc.) 'rip off' both the consumer and, in Canada, the governments. In Ontario, Nestles uses Government wells for their water and pay only 3% tax for the privilege, yet they charge the consumer the full purchase tax! I don't know about P.E.I.

In Third World countries, these big companies are even worse — they go in, take over a good village well, fence it all around so that the local people have no access to their well, but have to travel (in some cases, for many miles) to haul back less than good water for their families. Of course, the big companies then sell (at big profits) their own water back to them in bottles that they can then throw away to pollute their environments! Fair exchange??? I think not!

As I said, your proposed Bill re. the shopping bags is a good start (though it is something which has been around for a good number of years), but, for the greater good, go for legislation re. plastic bottles and the big water-bottling companies.

Sincerely yours,
Jan C. Gomersall

From: Allen Roach <afroach@gov.pe.ca>
To: Maxine Delaney
Date: 4/19/2018 7:59 AM
Subject: Kenya imposes world's toughest law against plastic bags | Article[AMP] | Reuters

Thank you for your support. I certainly applaud Kenya and their work is part of my research in preparing this legislation.

I commend you on your work with Farmers Helping Farmers. That is an extremely worthy organization that does real work with boots on the ground.

Again, thank you for your support.

Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

Original Message

From: Maxine Delaney

Sent: Wednesday, April 18, 2018 9:05 PM

To: Allen Roach

Subject: Kenya imposes world's toughest law against plastic bags | Article [AMP] | Reuters

Hello Mr. Roach

Happy to see someone finally attempting a plastic ban on our Island.

I was in Kenya this winter with Farmers Helping Farmers. They recently imposed a ban on single use plastic bags. If Kenya can do it so can we.

You may have already seen this article but if not it would be worth a read.

I brought back a bag that is being used in lieu of plastic if you have an interest in seeing it I could drop it off at your office.

Regards

Maxine Delaney

<https://www.reuters.com/article/us-kenya-plastic/kenya-imposes-worlds-toughest-law-against-plastic-bags-idUSKCN1B80NW>

Love my iPhone

From: Allen Roach <afroach@gov.pe.ca>
To: Marion
Date: 4/19/2018 8:02 AM
Subject: Plastic bag use

Good Morning Marion!

Thank you for your support on this legislation. This is a first step. There is much more to be done with many other plastic items.

Again thank you.

Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

Original Message

From: Marion

Sent: Wednesday, April 18, 2018 9:25 PM

To: Allen Roach

Cc: Peter Bevan-Baker

Subject: Plastic bag use

Dear Mr. Roach,

I was pleased to hear you on CBC proposing a restriction on plastic bag use. I commend you for this initiative and I want you to know I support a full-on ban on plastic bags. Doing all that I can to care for our earth is important to me. Admittedly, I forget my reusable bag sometimes when I go shopping, so this was a good reminder that that practice is not in line with my values.

I am copying my MLA Peter Bevan-Baker on this message and I am confident he will support your motion.

Sincerely,

Marion Clorey,

Nine Mile Creek, PE

Allen Roach - Plastic Bags

From: Allen Roach <afroach@gov.pe.ca>
To: Nick Easton
Date: 4/20/2018 11:21 AM
Subject: Plastic Bags

Thank you for your email of support on this initiative to get the Legislation enacted in our Province.

Regards

Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Nick Easton
Sent: Friday, April 20, 2018 7:55 AM
To: Allen Roach
Subject: Plastic Bags

Mr. Roach,

Just a note to applaud you on your private bill to reduce the use of plastic bags. We need more lawmakers to lead the way as custodians of our environment, and to work towards elimination of unsustainable conveniences that scientific study warns will cost us dearly in the future.

Thank you for your service over the years, and I wish you all the best in your retirement.

Nick Easton
Montague

Sent from Blue

Allen Roach - Plastic bags

From: Allen Roach <afroach@gov.pe.ca>
To: lyette28
Date: 4/20/2018 11:22 AM
Subject: Plastic bags

Thank you so much for your support. I do agree it is a concern for our future

Regards

Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: lyette28
Sent: Friday, April 20, 2018 8:19 AM
To: Allen Roach
Subject: Plastic bags

Bonjour Hon. Allen Roach,

I support your bill on eliminating plastic bags

It is very important not to give up on this issue for the future

Thank you,

Lyette Sansoucy

Sent from my Galaxy Tab® E

Allen Roach - plastic bags

From: Allen Roach <afroach@gov.pe.ca>
To: Pat
Date: 4/20/2018 3:12 PM
Subject: plastic bags

Good afternoon Pat!
Thank your for your support on this, really appreciate it.
Regards
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: Pat
Sent: Friday, April 20, 2018 1:32 PM
To: Allen Roach
Subject: plastic bags

Thank you for putting forth a bill to ban or limit plastic bags I have been using reusable bags for 10 yrs now and it is so much easier once you get used to it

Sent from Mail for Windows 10

Allen Roach - Bags

From: Allen Roach <afroach@gov.pe.ca>
To: maureenagarrity
Date: 4/21/2018 7:02 PM
Subject: Bags

Yes, I agree! Thank you for your support. Full steam ahead!
Regards
Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

From: maureenagarrity
Sent: Saturday, April 21, 2018 3:50 PM
To: Allen Roach
Subject: Bags

GOOD FOR YOU!!!! We MUST reduce plastic waste as it is killing our oceans. People need to be legislated to do this - I still see most people using plastic at grocery stores.
PLEASE push this !!!!
Thank you. Maureen Garrity

Sent from my Samsung Galaxy smartphone.

From: Allen Roach <afroach@gov.pe.ca>
To: Marykendrick
Date: 4/22/2018 2:28 PM
Subject: Plastic bag ban

Thank You Mary Kendrick!

Great work for Earth Week. Videos and materials for Earth week, perfect. Do you know we have enough plastic bag waste in Canada to circle the globe 55 times.

I am so happy to hear your desire to rid the world of single use plastic- carry bags, drink containers and all other forms of plastic related pollution. I, like you, am disgusted by the plastic pollution in this world. AND Yes "It Is Time"

Thank for your Support and most of all for your efforts with your school and what you are embracing with your students, other teachers and your encouragement towards other schools to do the same.

This is exactly what I was hoping would happen, "Engagement"

Mary, I am hearing from other organizations and I really believe we have started something good.

Please tell your students how Proud and Encouraged I am by their efforts on this.

Again Than You!

Regards

Allen

Sent from my BlackBerry 10 smartphone on the TELUS network.

Original Message

From: Marykendrick

Sent: Sunday, April 22, 2018 12:49 AM

To: Allen Roach

Subject: Plastic bag ban

Hello,

As a teacher and principal preparing videos and materials for Earth week at my school, I have decided to do my part to rid the world of single use plastic- carry bags, drink containers, etc. I am saddened and disgusted by the plastic pollution in this world and as you said, "It is time" to get rid of plastic single use bags. That for me is a start. Thank you for putting this forth in the legislature. I hope you will continue to fight for ridding the world of plastic!

I am the principal of Mt. Stewart school and we will be getting rid of styrofoam cups, bowls and plastic lids for our hot lunches this week and buying reusable cutlery to replace our plastics. That is a start and we will continue to reduce and encourage other schools to do the same.

Thank you!

Mary Kendrick

Sent from my iPad



Association canadienne de
l'industrie des plastiques
since • depuis 1943

Canadian Plastics
Industry Association

April 26, 2018

Mr. Allen Roach
MLA for District 3: Montague - Kilmuir
175 Richmond Street
Second Floor, Coles Building
Charlottetown, PE C1A 8C5

Dear Mr. Roach:

RE: PLASTIC SHOPPING BAGS PROVEN SCIENTIFICALLY TO BE BEST FOR THE ENVIRONMENT ACCORDING TO GOVERNMENT OF QUEBEC AND GOVERNMENT OF DENMARK STUDIES

We are writing in response to your efforts to see plastic shopping bags banned in favour of paper and reusable bags. According to media reports, you see a ban as way to reduce waste, environmental damage and promote responsible, sustainable, business practices on the island. However, a bag ban is not the way to achieve your goals.

We believe that your private members bill will, if embraced, actually end up harming not only the environment, but the long track record your province has promoting product stewardship and the responsible use of all products, not just plastic shopping bags.

This letter explains why we see your plan to ban plastic bags as completely out of step with the 21st century approach to the sustainable use of resources. Today technology has completely revolutionized plastics recycling and we are rapidly approaching a day when we will see 100% of all plastics recycled; reused and recovered at the end of their useful life as one product and reborn as another. Plastics can be recycled to infinity.

Why Banning Plastic Shopping Bags is a Bad Idea for PEI

1. **The Science does not support the removal of this bag from the marketplace.**

To begin, only a few and mostly very small markets in Canada that have banned bags. Even **Montreal has not banned plastic shopping bags** in spite of the publicity. All Montreal did was mandate the use of a thicker 50 micron plastic bag that is 3 times thicker than the current bag. **Plastic shopping bags are still on the market.**

Most governments in Canada rely on science to help with their policy decisions on bags. **And every scientific study of thin plastic shopping bags proves beyond a shadow of a doubt that the conventional thin bag is the best bag environmentally with the lowest carbon footprint.**

This past winter, two governments released the findings of scientific studies they had conducted examining the environmental impact of plastic shopping bags compared to every other bag option on the market. The two governments were the Quebec Government (January 2018) and the Government of

5955 Airport Road, Suite 125, Mississauga, ON L4V 1R9

t. 905.678.7748 • f. 905.678.0774 • www.plastics.ca

Denmark (February 2018). The studies are Life Cycle Analyses (LCAs). A LCA is a cradle-to-grave analysis that assesses the environmental impacts associated with each stage of the product's life. Both studies were conducted using internationally accepted ISO protocols and **both reached the same conclusion that the conventional thin bag is better for the environment than all other options.**

What is really interesting for PEI is that the Quebec Government study used Canadian data ... the first-ever Canadian LCA ... which really enhances its relevance and applicability to PEI.

We are providing the url's to both government LCAs. We have provided a brief summary of each LCA at the end of this letter for your convenience.

Quebec Government

English Full Report: https://monsacintelligent.ca/wp-content/uploads/2018/03/ENGLISH_FINAL-Quebec-LCA-Full-Report.pdf

English Highlights Report: https://monsacintelligent.ca/wp-content/uploads/2018/03/ENGLISH_FINAL-Quebec-LCA-Highlights.pdf

Government of Denmark

http://www.allaboutbags.ca/Docs/DanishLCAStudy2018_Life%20Cycle%20Assessment%20of%20Grocery%20Carrier%20Bags%20-%20Env.%20Project%20no.%20%201985.pdf

2. A Bag Ban is not Necessary in PEI

Plastic shopping bags are such a tiny fraction of the PEI's waste stream at less than 1% that a ban on plastic bags will have no impact on waste reduction or litter abatement. Study after study ... multiple municipal North American litter audits ... prove that plastic shopping bags are less than 0.4% of litter in major cities across Canada and North America. We have provided data from multiple studies below if you are interested to see the facts.

The point is that a ban on plastic shopping bags will do nothing to achieve the goals you have established. They will not reduce waste or litter, help the environment or promote product stewardship.

Further I would like to point out that retailers in PEI are highly responsible environmentally. They are deeply committed to product stewardship and responsible use running many instore at checkout reduction programs. Atlantic Canada retailers have in fact for decades been leaders in new recovery techniques pioneering a couple of decades ago what is called take-back-to-retail bag-to-bag recycling. This recovery system has been adopted in a number of places like the province of BC which used this technique as the key recovery component of a larger material recovery-recycling system.

3. Unintended Consequences: A Ban on Plastic Bags Will Do Environmental Harm

First, the substitutes for plastic bags are not better. Paper shopping bags are not better for the environment and are not a good replacement option. Their use will generate significantly more GHG emissions (3.8 times more) and if adopted wholesale could lead to greater acidification of the oceans and climate change.

Second, reusable bags, which our industry also invented, have a number of environmental limitations; the most important is that it cannot be recycled in Canada and at the end of its useful life will end up in landfill as garbage.

Third, a ban on conventional plastic bags will not eliminate plastic but could easily lead to MORE PLASTIC being consumed. Plastic shopping bags have very high reuse rates – 77% in Quebec, 63% in BC and 60% in Ontario and growing because the plastic bag is Toronto's organics collection tool. **They are NOT SINGLE-USE BAGS, they are multi-purpose and multiple use bags.** The primary reuse of thin plastic bags is to

5955 Airport Road, Suite 125, Mississauga, ON L4V 1R9

t. 905.678.7748 • f. 905.678.0774 • www.plastics.ca

manage household waste. A ban on the highly-reused conventional plastic bag will force residents to purchase thicker plastic kitchen catchers to manage their household waste. Since these bags contain as much as 76% more plastic, you could actually end up with more plastic in the waste stream as an unintended impact negating the responsible use of plastics and reduction efforts.

Conclusion

Mr. Roach, we all want to do the "right" thing for the environment, but we must all follow the science. We are in complete agreement with your idea to charge fees on bags. They have been proven to be highly successful in reducing the number of bags distributed by as much as 50% or more.

We encourage you to examine this very complex issue more closely, that every decision made in the name of the environment must be based on science and fact and closely examine the consequences of that decision. If you have any questions, please let me know and I welcome your call at my cell 416-930-1796.

Yours truly,



Joe Hruska
Vice President Sustainability
jhruska@plastics.ca
C: 416.930.1796

CC: The Honourable Richard Brown rebrown@gov.pe.ca

LCA and Litter Audit Summaries

LIFE CYCLE ANALYSES – QUEBEC AND DANISH GOVERNMENTS IN BRIEF

Quebec Government Life Cycle Analysis (LCA) – January 2018 – Key Findings

On January 12, 2018, the Quebec Government (RECY-QUÉBEC) released the findings of its scientific investigation into shopping bags in French. It has since been translated into English which explains the slight delay in release in English Canada.

The Quebec Government LCA is the first-ever Life Cycle Analysis (LCA) to be conducted by a government in North America. The LCA compared the environmental impact of all shopping bags available in Quebec in order to determine which bag has the lowest carbon footprint using in large part North American data. (The one exception was the litter analysis which used European data which is not applicable to Canada.)

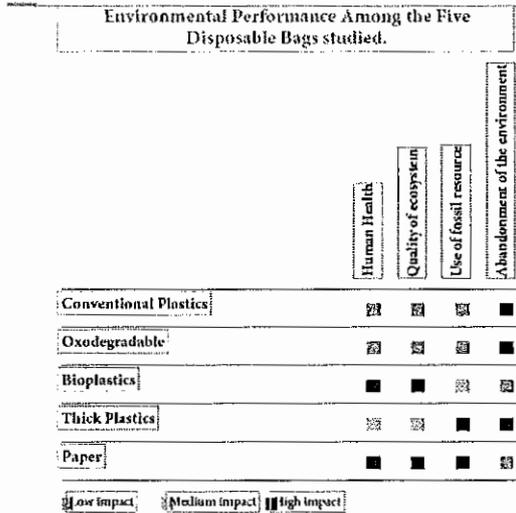
The Quebec Government undertook this research to settle the question about the environmental impact of plastic shopping bags scientifically and provide Quebec municipalities with the necessary tools to make the best environmental policy decisions on plastic shopping bags. The LCA was conducted by the International Reference Centre for the Life Cycle of Products, Processes and Services (CIRAIG), affiliated with Polytechnique Montréal.

In keeping with the LCA's conducted by the governments of Denmark and the United Kingdom, the Quebec Government LCA conclusion is that the thin 17-micron plastic shopping bag is the best bag environmentally and economically. And that reusable bags have a much greater carbon footprint than the conventional plastic shopping bag because they require multiple reuses to match the environmental impact of the 17-micron thin bag used just once. The LCA also found an extraordinarily high bag reuse rate for conventional plastic shopping bags; 77% of all conventional plastic bags distributed in Quebec are reused according to the EEQ (Quebec Industry Stewardship EPR Organization, Eco Enterprise Quebec). The 77% reuse rate underscores the commitment of Quebecers to responsible use and the 3R's (reduce, reuse, and recycle).

According to the Quebec Government LCA, PP woven and PP non-woven reusable bags need an equivalent number of reuses to equal the thin plastic bag ranging from 16 to 98 and 11 to 59, respectively, depending on the scenario and indicator.

The report concludes that "no alternative to banning plastic bags offers an environmental benefit. ...] In this context, banning [thin HDPE bags] would not be advantageous."

Source: RECYC Quebec, LCA Highlights on Shopping Bags, Draft 3



Danish Government Life Cycle Assessment of Grocery Carrier Bags – February 2018

The Government of Denmark has just released its own LCA of grocery carrier bags. The study was commissioned by the Danish Environmental Protection Agency and its conclusions are almost identical to those of the LCA conducted and just released by the Quebec Government.

The Danish Government LCA found that thin plastic shopping bags have the lowest environmental impact of all bags in their marketplace and that reusable bags have to be reused multiple times to provide the same environmental performance of the average LDPE carry bag reused as a waste bin bag before incineration. Minimum number of reusable bag reuses to equal the thin plastic shopping bag: Non-woven PP – 52 times, Woven PP – 45 times, Recycled PET – 84 times, Polyester PET – 35 times, Unbleached paper – 43 times, Organic Cotton – 2,000 times. *(LDPE bags are identical to HDPE bags for the purposes of this study.)*

MGM MANAGEMENT LITTER STUDY ANALYSIS

Of this bag litter plastic retail bags account for 431 bag litter observations, or 0.04% of total large litter observed. The table below illustrates the observations of plastic retail bags for all audits conducted since 2002.

Plastic Retail Bag Litter - MGM Management Audits - 2002 - 2016							
	1990's	2002	2003	2003	2003	2004	2004
	Ontario Litter (no data)	Toronto	York Region	Peel Region	Durham Region	Toronto	Toronto Parks
Total litter counted		6,304	8,678	4,362	5,698	5,265	5,551
Plastic retail bags	0	38	34	3	6	11	43
% plastic retail bags		0.6%	0.4%	0.1%	0.1%	0.2%	0.8%
	2005	2006	2007	2007	2007	2008	2008
	Toronto	Toronto	San Francisco	RCO Charact.	Edmonton Streets	San Francisco	San Jose
Total litter counted	6,309	4,323	3,813	1,391	2,650	3,973	3,928
Plastic retail bags	17	5	23	28	10	25	17
% plastic retail bags	0.3%	0.1%	0.6%	2.0%	0.4%	0.6%	0.4%
	2009	2009	2009	2010	2010	2010	2011
	San Francisco	Edmonton	Alberta Highways	Edmonton	Winnipeg	Brandon	Edmonton
Total litter counted	4,488	3,361	3,407	2,378	2,300	1,260	2,134
Plastic retail bags	69	9	2	12.5	10.5	6	23.5
% plastic retail bags	1.5%	0.3%	0.1%	0.5%	0.5%	0.5%	1.1%
	2012	2012	2012	2013	2013	2013	2013
	Edmonton	Winnipeg	Brandon	Winnipeg	Brandon	Steinbach	Edmonton
Total litter counted	1,933	1,922	996	1,442	842	185	1,957
Plastic retail bags	5.5	3	3.5	5.5	3	1.5	6.5
% plastic retail bags	0.3%	0.2%	0.4%	0.4%	0.4%	0.8%	0.3%

5955 Airport Road, Suite 125, Mississauga, ON L4V 1R9

t. 905.678.7748 • f. 905.678.0774 • www.plastics.ca

	2014	2014	2014	2014	2014	2014	2015
	Winnipeg	Brandon	Steinbach	Flin Flon	Thompson	Edmonton	Ft. McMurray
Total litter counted	1,400	731	121	303	514	1,895	1,855
Plastic retail bags	3	2		1		1	2.5
% plastic retail bags	0.2%	0.3%	0.0%	0.3%	0.0%	0.1%	0.1%
	2015	2015	2015	2015	2015	2016	2016
	Brandon	Flin Flon	Thompson	Winnipeg	Steinbach	Steinbach	Winnipeg
Total litter counted	732	296	469	1,221	96	116	1,189
Plastic retail bags	2.0	1.5	1.0	2.0	0.0	0.0	3.5
% plastic retail bags	0.3%	0.5%	0.2%	0.2%	0.0%	0.0%	0.3%
	2016	2016	2016				
	Brandon	Flin Flon	Thompson				
Total litter counted	502	244	420				
Plastic retail bags	3.0	0.0	1.0				
% plastic retail bags	0.6%	0.0%	0.2%				
Total plastic retail bags:	431	% plastic retail bags		0.4%	Total large litter		102,951