

From: [Office, Clerks](#)
To: [Campbell, Catherine](#)
Cc: [Vining, Krista](#)
Subject: FW: [External Email] Dalhousie and Planetary presentation to the Environment Committee
Date: Thursday, August 10, 2023 8:50:05 AM
Attachments: [REDACTED]

Logging presentation request to ESSC.

Les

From: Pete Chargin <[REDACTED]>
Sent: Wednesday, August 9, 2023 7:19 PM
To: Office, Clerks <clerks@halifax.ca>
Cc: Katja Fennel [REDACTED]; Will Burt <[REDACTED]>; MacKinlay, Shaune [REDACTED]
Subject: [External Email] Dalhousie and Planetary presentation to the Environment Committee

[This email has been received from an external person or system]

To the Committee:

Thank you for the work you do to keep Halifax one of the leading cities in all of Canada in our efforts to fight climate change.

Recently, Dalhousie University was issued a [grant of \\$154 to investigate the ocean/climate nexus](#). With co-funding by other sources, the total economic impact to the region will likely be above \$400M. Of course we hope the lessons we learn will far exceed that in value, as we collectively work to reach our climate goals.

With the combination of this funding and the incredible talent at Dalhousie, Halifax has the opportunity to expand on their world-leading research and to create the preeminent hub for ocean and climate technology. This could supply a very large economic benefit to the region and scientific breakthroughs to the world.

In addition to studying basic science, we will be investigating the feasibility of some potential solutions. Of course we know that we must slow and stop emissions as quickly as possible; unfortunately that is no longer enough and we will be forced to remove excess carbon from the atmosphere. One of those approaches, Ocean Alkalinity Enhancement (OAE), has the potential to be a very large contributor in our efforts to remove excess CO₂.

Based on a recommendation from Shannon Miedema of HalifACT, Dr. Katja Fennel, from Dalhousie, and Dr. Will Burt (from Planetary Technologies - based in Halifax - and also an adjunct professor at Dal), would like to present to you the near term plan for studying this solution.

The approach has been explored for years in Dal labs and around the world. The next step is a small

field trial to confirm whether what works in the lab also works in the Halifax Harbour, and to validate the accuracy of our models related to adding alkalinity to the ocean.

The activity is regulated by Nova Scotia Environment and Climate Change, as well as ECCC. They have given their approval for a small initial trial, and Planetary expects final confirmation of the site plan before the end of August.

In addition to briefing the Committee on the logistics and the science, we will describe our approach to engaging the community, which is already well underway. Planetary and Dal are both committed to working with stakeholders and rights holders so that they are aware and supportive of the approach. We are years away from any potential full deployment, and we believe that engaging now at this very early stage will help us co-create a plan that maximizes benefits to all constituents while addressing any concerns that might arise.

After the presentation, we would love to understand the Committee's recommendation on how best to make this opportunity known to the entire HRM government as appropriate and to best include all constituents in HRM.

If you have any questions, please do not hesitate to contact me.

Thank you very much.

Kind regards,

Pete Chargin

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Peter Chargin

Vice President, Commercialization and Community Relations



Pacific Time Zone

www.planetarytech.com



From: [Office, Clerks](#)
To: [Campbell, Catherine](#)
Cc: [Vining, Krista](#)
Subject: FW: [External Email] Connecting with the HRM environment committee
Date: Tuesday, July 25, 2023 8:14:05 AM
Attachments: [~WRD0000.jpg](#)

Logging as presentation request to ESSC

From: Pete Chargin <[REDACTED]>
Sent: Tuesday, July 25, 2023 12:56 AM
To: Office, Clerks <clerks@halifax.ca>
Cc: Nancy Phillips [REDACTED]; MacKinlay, Shaune [REDACTED]
Subject: [External Email] Connecting with the HRM environment committee

[This email has been received from an external person or system]

Planetary Technologies is working with Dalhousie to study techniques for responding to the climate crisis - both removing carbon dioxide from the atmosphere and addressing excess carbon dioxide in the ocean, which causes ocean acidification.

We would love to provide the environment committee with an overview of the project, the partnership between Dalhousie and Planetary, and the long term potential for HRM using this approach.

Can you help me understand the best way to ensure that the committee is well aware of what we are doing and how it helps Halifax? Is it possible for us to have a short presentation to the committee at your next meeting?

Thank you very much.

Pete Chargin

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Peter Chargin

[REDACTED]
Pacific Time Zone
www.planetarytech.com



From: [MacLean, Iain](#)
To: [Campbell, Catherine](#)
Subject: FW: Presentation requests
Date: Monday, July 24, 2023 3:15:55 PM

From: Blackburn, Lisa <blackbl@halifax.ca>
Sent: Monday, July 10, 2023 11:36 AM
To: MacLean, Iain <macleai@halifax.ca>
Subject: Presentation requests

Happy Monday Iain!!

Hope you had a great weekend! I'm sending this your way on behalf of former MP Peter Stoffer....he wasn't sure how to request a presentation before the Environment committee so I offered to make the introduction.

Peter wants to make two presentations at ESSC:

1..... I represent a European/ American company that specializes in restoring freshwater water lakes streams ponds(golf Ect). They use a product that is environmentally sustainable and has passed very stringent international and Canadian health regulations. The product in a nutshell is placed upon a lake wherein less than 72 hours the blue algae E Coli Ect is eradicated and leaves behind a healthy ecosystem. This also does no harm to wildlife fisheries birds ect. The product originated from Germany and is used extensively in the throughout Europe and now in the U.S

2..... Aerus ActivePure is a Bedford based company which offers a product that is the exact same technology used on the space station. It purifies and destroys COVID SARS Ect in enclosed areas in the air and on surfaces. For example if I came to your home or office and I have COVID. Anything I touch and and people would be infected. This system protects you and you do not have to spend money deep cleaning your environment.It is used in 1800 hundred classrooms in N S as well as other schools in NB PEI NL as well as hospitals in N L. This system uses no Ozone and is perfect for people and pets with environmental sensitivity. It also works very well in smoke infested areas to provide protection for indoor air quality.

The name is the Vice president is Mr Byron Bartlett of Fall River. And we would be honoured to present before the committee. In the U S Active Pure now sells over 1 billion with of product annually. Examples 29 out 30 Major League Baseball teams use it except The Oakland Athletics (worst team in the league) as well the Boston theatrical district. The 3.3 million square foot convention centre in the Bronx. As well as Irving owned Atlantic Shipping.

Peter can be reached at [REDACTED] and [REDACTED]

Thanks!

Lisa

Lisa Blackburn (she/her) HonLCol
Councillor District 14
Upper/Middle Sackville, Lucasville and Beaver Bank
Cell: 902 579-7164

For all things HRM check out www.halifax.ca
For routine municipal issues please call 311
To reach my office, please call Chris at 902 490-1562

Read my latest newsletter here: <https://cdn.halifax.ca/sites/default/files/documents/city-hall/districts-councillors/district-14/district-updates/d14-july-enews-2023-final.pdf>

I respectfully acknowledge that I live and work within Mi'kma'ki,
the traditional and unceded territory of the Mi'kmaq people.