



Hampton

FINAL REPORT

Addendum to March 2023 Report

PARTNERS FOR CLIMATE PROTECTION PROGRAM

June 2023



March 10, 2023

Hampton
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Attention: Richard Malone
Chief Administrative Officer

Deliverables for Milestones 4 and 5 of the Partners for Climate Protection Program

As part of the funding requirements set out by the Environmental Trust Fund, and in our proposal's project deliverables for the Partners for Climate Protection Program's Milestones 4 and 5, please find attached the final report for Milestones 4 and 5 of the Partners for Climate Protection Program.

This report contains a summary of work completed with Milestones 1 through 3, an updated summary of emissions levels and measures to reduce emissions, findings from the community engagement process, and amendments to the Local Action Plan, and a list of potential amendments to Hampton's Municipal Plan and Zoning By-Laws.

The appendices contain supplemental information such as raw survey data and project documents related to data collection and the engagement process.

Sincerely,

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Implementation Matrix (Milestone 4)
Monitoring Data Request Form
Engagement Plan
Environment Committee Engagement Presentation
Public Survey Results
Community Workshops Presentation
Quantification of Emissions Reduction, by Goal

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1.0 Introduction

Climate conditions vary naturally over time and have for millions of years, however human activity, specifically producing and releasing large amounts of greenhouse gases (GHGs) into the atmosphere, is changing the climate (Government of Canada, 2019). GHGs are generated naturally as well as artificially, from burning fossil fuels such as petroleum products, coal, and natural gas. These gases have the ability of absorbing radiation (i.e. heat energy), and contribute to what is known as the ‘greenhouse effect’, or the warming of Earth’s atmosphere (Britannica, 2023). The Federation of Canadian Municipalities developed the Partners for Climate Protection (PCP) Program to decrease GHG emissions and promote sustainable development within Canadian municipalities (FCM, 2023). The PCP Program is designed to guide participants through a five-step milestone framework to understand a municipality’s current circumstances, create a plan of action, and overall help to reduce emissions and make a difference (PCP, 2021).

Milestone 1 consists of developing a GHG emissions inventory for corporate and community emissions. An emissions inventory is developed to give a municipality a snapshot of their current GHG emissions and provide a future GHG emissions forecast. Milestone 2 consists of choosing an emissions reduction target and a timeline to reduce emissions (i.e. 20% below 1990 levels). Setting a target will give the municipality a clear goal to work toward and a timeline for doing so. Milestone 3 sets out to develop a Local Action Plan (LAP) outlining a strategy for reaching emissions reduction goals. Milestone 4 aims to implement the LAP and assign timelines to the goals. Finally, Milestone 5 is to monitor the work and determine whether a municipality will reach their target (identified in Milestone 2). See **Figure 1** below.



Figure 1: The PCP Program Milestone Framework (PCP, 2021)

Hampton joined the PCP Program in 2004 and has been working towards completing all five milestones of the Program. Dillon Consulting Ltd. (Dillon) was contracted to complete the requirements for Milestones 4 and 5. This report, and its appendices, provides the deliverables for Milestones 4 and 5, and includes a revised Milestone 3 and emissions reduction targets (Milestone 2).

2.0 Community Profile

Hampton is located within Kings County, 35 km northeast of Saint John, New Brunswick. The municipality’s boundary was changed, and a new entity created on January 1, 2023 when the former Town of Hampton officially joined the former Local Service District of Hampton and portions of the Local Service Districts of Kingston, Upham, and Norton as a result of Local Governance Reforms in New Brunswick.

Hampton is located along the Kennebecasis River and is known for being a welcoming municipality within an idyllic country-like setting. Hampton is within the commuter shed of the City of Saint John. Hampton’s rolling hills, waterways, farmland, wildlife and world-renowned marsh areas are enjoyed by residents and visitors alike. Natural features, such as wetlands, rivers, waterways and escarpments, play a major role in defining the character of Hampton,

though it also has a variety of amenities like shops, services, and recreational facilities that define it as a small but vibrant town.

The population of Hampton is estimated to be 9,326 with the majority of residents being between ages of 55 and 69.6 (New Brunswick, 2021). Hampton is surrounded by wetlands at its eastern boundary. Ossekeag Creek flows near the centre of the municipality, and is also surrounded by wetlands. Darling Lake is another major watercourse that forms the environment around Hampton, which is connected to the estuary system. McManus Lake is located 2.2 kilometers north of the Town's centre, and additionally surrounded by wetlands along its southern shore.

Data on weather patterns in the Hampton region is available using the Canadian Climate Atlas, based out of the Prairie Climate Centre. The mean annual temperature was expected to rise by 2 degrees Celsius between 2020 and 2022, from 5.9 to 7.9 degrees Celsius. The amount of very hot days (when the temperature exceeds 30 degrees Celsius) is increasing from 1.7 days to 7.1 days annually. Over the next 30 years, there are expected to be zero days under -30 degrees Celsius. The number of days with heavy precipitation is expected to increase by 2.3 days over the next 30 years. The length of the frost-free season will increase by 23.6 days (Climate Atlas, 2019).

3.0 Summary of Past Work (2004-2014)

3.1 Milestones 1-3

From 2004-2014, Hampton worked towards completing Milestones 1-3. In 2011, Hampton completed Milestone 1 requirements and developed an inventory; a starting point for the municipality to identify and assess areas where emissions reduction can be achieved. The baseline year chosen for the inventory was 2006 as it was the earliest year that contained a sufficient amount of information.

In 2014, Hampton completed Milestone 2 requirements and targeted for a 20% reduction in corporate sector emissions below 2006 levels over 18 years (2006-2024) based on the PCP Program's recommended levels. Milestone 2's forecasted emissions indicated that a 20% reduction below 2006 levels would cut total emissions from 1,124 tonnes eCO₂ to 899 tonnes eCO₂ (see **Table 1** below).

Table 1: Forecasted emissions reduction (20%) in Hampton’s corporate sector from 2006-2024 (Hampton Milestone 2 Report, 2014).

	2006	2024
Buildings	655	524
Vehicle Fleet	154	123
Streetlights	251	200
Sewage	55	44
Corporate Waste	9	7
Total	1,124	899

With regard to community sector emissions, Hampton chose a target reduction of 6% below 2006 levels over 18 years (2006-2024) based on the PCP Program’s recommended levels (see **Table 2** below).

Table 2: Forecasted emissions reduction (6%) in Hampton’s community sector from 2006-2024 (Hampton Milestone 2 Report, 2014).

	2006	2024
Residential	15,643	14,704
Commercial	6,949	6,532
Industrial	101	95
Transportation	16,389	15,406
Solid Waste	408	384
Total	39,493	37,123

Milestone 3, the Local Action Plan, was completed by Hampton in 2014. The document outlines a series of goals and subsequent actions for the municipality to achieve in order to reduce its corporate and community sector emissions. To establish this list of goals, Hampton worked with its Committees of Council to identify and understand the priorities of its residents. The Committees of Council are comprised of members of the public with specific skills or interests and include:

- Public Works Advisory and Utilities Committee;
- Economic Development and Tourism Committee;
- Environment Committee;
- Leisure Services Committee;
- Planning Advisory Committee;
- Emergency Measures Organization Committee;
- Finance Committee; and
- Health Care Committee.

The Local Action Plan was also developed by reviewing Hampton’s Municipal Plan (2010) to ensure emissions reduction priorities aligned with policy.

4.0 Summary of Work Completed (2022-2023)

4.1 Milestone 3 – Revision

In order to complete the requirements of Milestones 4 and 5, Dillon revisited Hampton’s Milestone 3 for updates. This was necessary due to the recent amendments to Hampton’s Municipal Plan (2020) and Zoning By-Law (2021). As noted in Section 3.1 above, the Local Action Plan (LAP) was developed through the review of Hampton’s Municipal Plan. To continue to ensure that the LAP priorities aligned with policy, Dillon reviewed the 2014 LAP against the newly amended policy documents. Dillon also engaged with Hampton’s Committees of Council, Council, and municipal departments to determine whether the goals were still a priority and if new goals were necessary to reflect the current interests. The revised Local Action Plan (2023) can be found in **Appendix A**.

4.2 Milestone 4

Using the guide provided on the PCP Program website and through engagement with Hampton’s Committees of Council, Council, and municipal departments, Dillon drafted the Milestone 4 Implementation Matrix. The Matrix was modified to more efficiently highlight Hampton’s goals and work on emissions reduction to date. Milestone 4 provides reasonable and achievable timelines to the associated actions, identifies responsible departments and support, relevant policies to each of the goals, and other important information. The Milestone 4 Implementation Matrix can be found in **Appendix B**.

4.3 Milestone 5

This report includes the necessary information for Hampton to monitor and re-evaluate its emissions reduction targets, as well as goals and actions. As outlined in the guidance on the PCP Program website, the following criteria must be demonstrated before recognition of Milestone 5 is issued:

- Tracking the GHG reduction impact of individual measures;
- Updating the inventory;
- Notable projects and/or initiatives; and
- Engaging stakeholders and decision makers. There is also a recommended fourth criterion to reassess the target that was set in Milestone 2 (PCP Milestone 5, n.d.).

This information can be found in the following sections of this report.

5.0 Summary of Emissions

5.1 Data Emissions Inventory

Data for the PCP Program Five-Milestone Framework was first collected for Hampton in 2011, using 2006 as the baseline year to begin understanding Hampton’s emissions and forecasting for the future. Data for Hampton is broken up into two (2) sectors: corporate and community. Corporate emissions result from all municipal operations and services (municipal buildings, vehicle fleet, streetlights, sewage, and corporate waste), while community emissions account for residential, commercial, and industrial operations, and also include transportation and solid waste. 2006 baseline data can be found summarized above in Section 3.1.

5.1.1 Methodology

Data was collected for the year 2021 using the data request form created by Dillon in **Appendix C**.

5.1.2 Corporate Emissions

To achieve Milestone 5, one of the requirements is to provide an updated inventory. Hampton chose to collect data from the year 2021 for comparison, see **Table 3** below.

Table 3: Corporate Sector Emissions Comparison, by year

Sector	2006 Total e CO2 (t)	2021 Total e CO2 (t)
Buildings	655	493
Vehicle Fleet	154	218
Streetlights	251	N/A
Sewage	55	112
Corporate Waste	9	N/A
Total	1124	823

In 2006, buildings accounted for the majority of all emissions generated by Hampton at 58%. Streetlights accounted for 22%, whereas vehicle fleets accounted for 14%. Sewage and corporate waste accounted for 5% and 1% of emissions respectively. For the 2021 comparison, it should be noted that corporate waste was not included as it has since been combined with community waste during scheduled pickup, making this information unavailable. In addition, data for streetlights between the two comparison years were different, making it difficult to calculate. The increase in emissions in 2021 is likely because streetlights and corporate waste were incalculable. See **Table 4**.

Table 4: Percent of Corporate Emissions, by Sector

Sector	2006: % of Emissions	2021: % of Emissions
Buildings	58%	60%
Vehicle Fleet	14%	26%
Streetlights	22%	-
Sewage	5%	14%
Corporate Waste	1%	-
Total	100%	100%

A comparison of energy types in the corporate sector can be found in **Table 5** below. While electricity had a 42% reduction, diesel, gasoline, and propane have gone up by 59%, 12% and 191% respectively.

Table 5: Corporate Sector Energy Usage, by year

Energy Type	Total eCO ₂ (t)		% Reduction
	2006	2021	
Electricity	898	522	-42%
Diesel	101	161	59%
Gasoline	51	57	12%
Propane	65	189	191%

The data gathering process highlighted the need to keep more consistent records of inventory. For example, for building emissions, record keeping of building names was inconsistent over the years, making it difficult to quantify some of the data.

5.1.3 Community Emissions

Data on community emissions for 2021 included some gaps, with regards to the commercial, industrial, and transportation sectors. Hampton is aware that better data collection in the community sector is required to properly assess its target reduction.

Table 6: Community emissions comparison, by sector

eCO ₂ Emissions for Electricity				
Sector	Total eCO ₂ (tonnes)		Reduction	Comments
	2021	2006		
Residential	13,494	15,643	-14%	
Commercial	94	6,950	-99%	Not sufficient information
Industrial		102	-100%	No information provided for 2021
Transportation	12,881	16,389	-21%	Based on estimation.
Community Waste	493	409	21%	
Total	26,962	39,493	-32%	

5.2 Emissions Reduction Target

As noted in Milestone 2, Hampton endeavoured to cut emissions by 20% in the corporate sector over 18 years (2006-2024) and 6% for community emissions.

Table 7 below highlights the total emissions for the years 2006 and 2021, and highlights the 2024 target. Building emissions for Hampton’s corporate sector saw a significant reduction of 25%. Streetlights and corporate waste could not be quantified because of data inconsistencies and because corporate waste pick up is combined with the community.

Table 7: Corporate Emissions Target Assessment

Sector	2006 Total e CO2 (t)	2021 Total e CO2 (t)	2024 Target e CO2 (t)
Buildings	655	493	524
Vehicle Fleet	154	218	123
Streetlights	251	N/A	200
Sewage	55	112	44
Corporate Waste	9	N/A	7
Total	1124	823	898

With regard to **Table 6**, it is difficult to quantify a conclusive reduction of emissions for the commercial, industrial, and transportation sectors given that data was either inconsistent, not provided or based on estimations. However, it should be noted that the residential sector saw a 14% reduction in emissions, which could be attributed to homes being retrofitted with energy efficient designs, or new homes having improved energy design standards.

5.2.1 Quantification of Emissions Reduction, by Goal

To achieve Milestone 5 compliance, the quantification of emissions reduction is required for each goal. Please see **Appendix H** for more information.

5.2.2 Recommendations and Future Considerations

There are several recommendations that Hampton could consider as it continues to prioritize emissions reduction in its municipality. First and foremost, accurate and consistent record keeping, in concert with the newly updated goals and actions in the Local Action Plan, will provide the necessary information for Hampton as they look towards their 2024 emissions reduction target. Naming conventions and monthly reporting requirements from responsible departments are two possible options for ensuring accurate calculations. Departments are encouraged to use the data collection request form in **Appendix C**.

Further, and specific to the Milestone 5 requirement: tracking the GHG reduction impact of individual measures, the departments responsible for achieving the actions in the Local Action Plan and Implementation Matrix ought to take the lead to track GHGs annually. This will contribute to Hampton's overall record keeping and provide responsible departments the knowledge as to whether emissions are being reduced.

Another area Hampton may consider as it updates its emissions reduction work is with regards to its gasoline powered lawn and garden equipment. As more electric options come on the market, as well as improved charging mechanisms, Hampton could move towards electric mowers and other equipment.

6.0 Summary of Engagement

Engagement with key stakeholders was an important part of the work necessary to completing Milestones 4 and 5, as well as revising Milestone 3. The engagement objectives for this work were to:

- Collaborate with community groups and stakeholders in updating policies and creating frameworks as part of the PCP Program;
- Inform stakeholders about the work and update information through technical analysis completed by Dillon;
- Inform and consult with citizens, and gather feedback regarding how Hampton can continue to reduce its greenhouse gas emissions; and
- Involve key community groups and stakeholders to ensure feedback received has been clearly understood and incorporated, as appropriate, throughout the work.

In Dillon's Engagement Plan to Hampton (**Appendix D**), the following types of engagement were proposed and utilized to acquire the necessary information in completing Milestones 4 and 5, and are highlighted in the following subsections of this report.

Key stakeholders were kept engaged throughout this work and provided crucial details, specifically to the revised Local Action Plan (Milestone 3) and Implementation Matrix (Milestone 4). Overall, it was clear throughout the engagement process that Hampton is eager to reduce its GHG emissions. Though Hampton is considered a small municipality, the community has strong expectations for a cleaner and more efficient future.

6.1 Engage Environment Committee

The Environment Committee, one of Hampton’s Committees of Council, was integral in helping Hampton revise its Local Action Plan and providing support overall. Dillon delivered a presentation on behalf of Hampton to the Environment Committee on December 7, 2022 to provide an overview of the PCP Program, the work required to deliver Milestones 4 and 5, and requested their review of the 2014 Local Action Plan. Five members of the Environment Committee were present at the meeting and a copy of the presentation can be found in **Appendix E**.

Dillon received the following comments regarding revisions to the 2014 Local Action Plan:

- Adding measurable and more specific targets to goals and actions;
- Making goal and action leads within Hampton departments, with support from other departments, Committees of Council, and Council;
- Reinstating a commuter bus transit system;
- Installing electric vehicle (EV) charging stations;
- Developing areas with active transportation in mind (multi-modal);
- Developing incentives for change;
- Developing an anti-idling guideline;
- Updating the Zoning By-Laws to further encourage residents of Hampton to grow their own food;
- Implementing a curb-side pick-up recycling program; and
- Requesting that part of Hampton’s operational budget (and staff) is dedicated to the environment and climate action, i.e. achieving the goals in the revised Local Action Plan.

This information has been encapsulated in this report, as well as in the revised Local Action Plan and Implementation Matrix.

6.2 Public Survey

To gauge public opinion and interest, Dillon launched a public survey on behalf of Hampton that ran from January 9 - February 10, 2023. The survey was formatted using a combination of multiple choice, scaled response, and other forms of questioning (see **Photos 1 to 3** below). The public survey was advertised through Hampton’s social media pages (i.e. Facebook), and was

listed under the Hot Topics section of the Hampton website. The public survey received a total of 144 responses. Results can be found in Section 6.2.1 of this report.

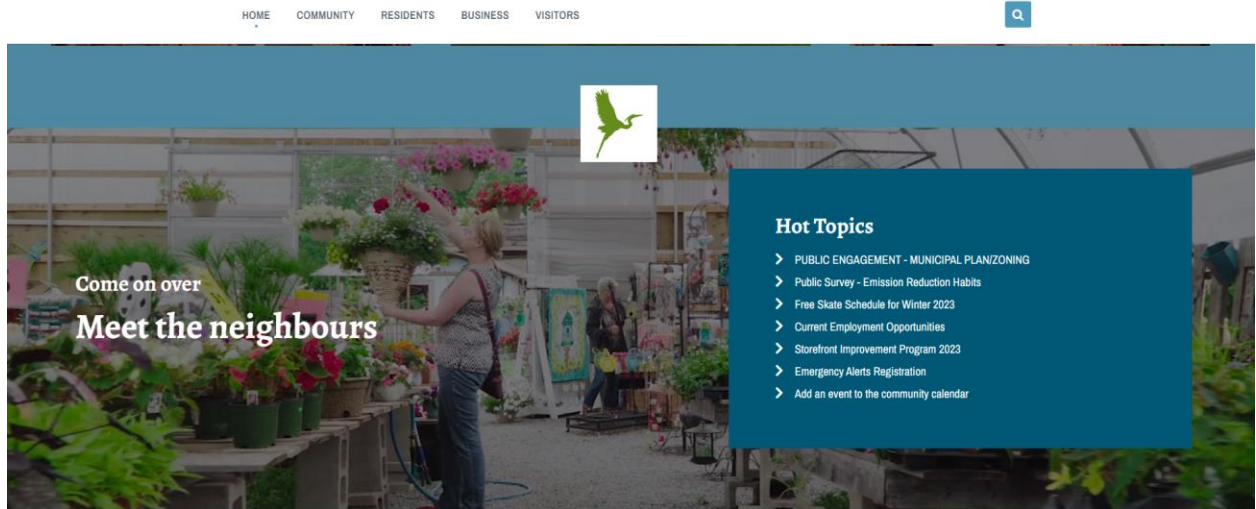


Photo 1: Public Survey Advertisement on Hampton’s Hot Topics Webpage

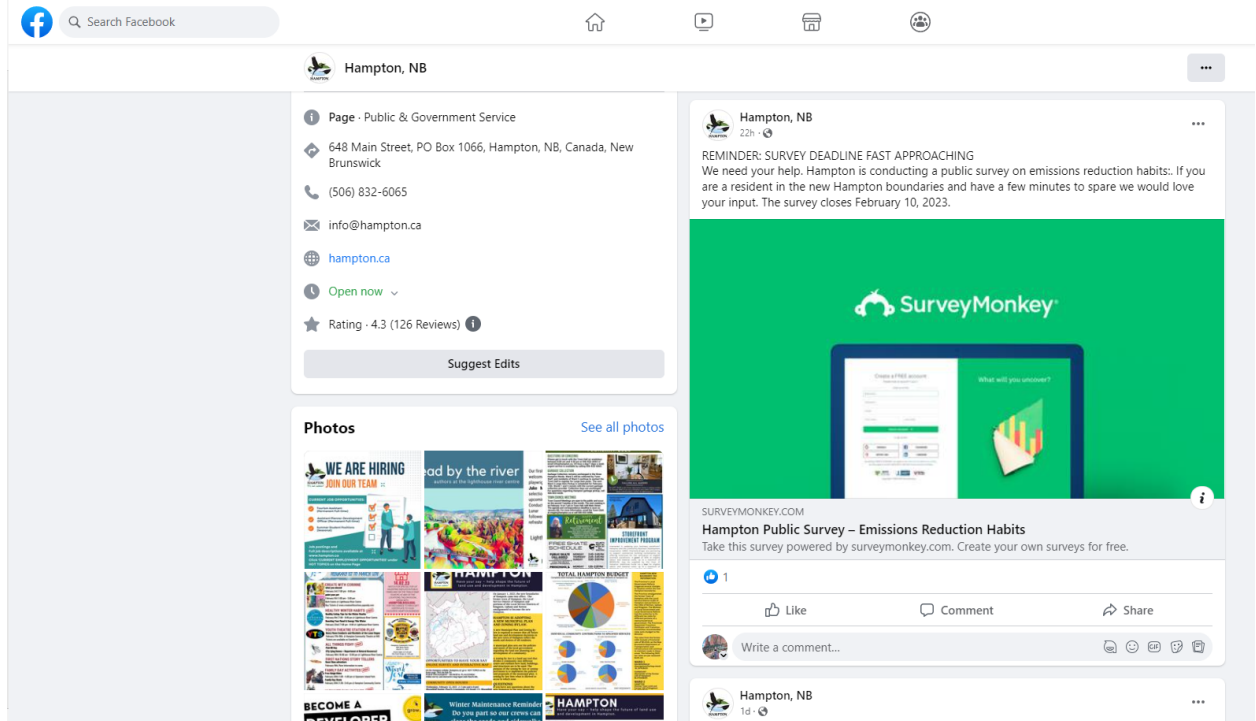


Photo 2: Public Survey Advertisement (#1) on Hampton’s Facebook Page

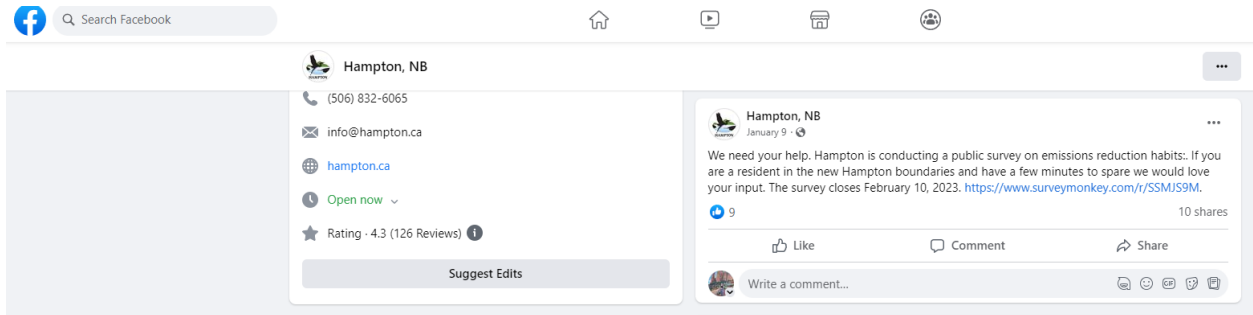


Photo 3: Public Survey Advertisement (#2) on Hampton's Facebook Page

6.2.1 Public Survey Results

The following section contains highlights from the public survey data. Responses provide insight into perspectives of Hampton's residents on climate change and causes, the importance of lowering emissions through budgetary measures, and the daily lifestyles of residents as they relate to sustainability. Responses were analyzed against two (2) demographic variables: education level and age. Research among climate perceptions indicate that there can be generational gaps in both views on climate change, and levels of civic engagement on climate issues (Matthew, Marlon, Rosenthal, et al. 2019). Further, the Pew Research Centre suggests that younger adults are more likely to favour policies that shift reliance away from fossil fuels (Funk 2021). Education levels are also suggested to be an influential factor in determining how individuals perceive and engage with climate issues (United Nations Climate Action, n.d.). These two (2) demographic variables provide a clearer picture on who is engaging in local conversations around climate change, and for which type of resident climate solutions are most suitable. Raw data from the public survey can be found in **Appendix F**.

The survey responses clearly indicate that participants view human behaviour as causing climate change. A combined 82% somewhat agreeing, agreeing, or strongly agreeing with this sentiment (**Figure 2**), with the remaining feeling neutral, and some disagreeing that humans are causing climate change. Participants with higher education levels agree more strongly that human behaviour is causing climate change (**Figure 3**).

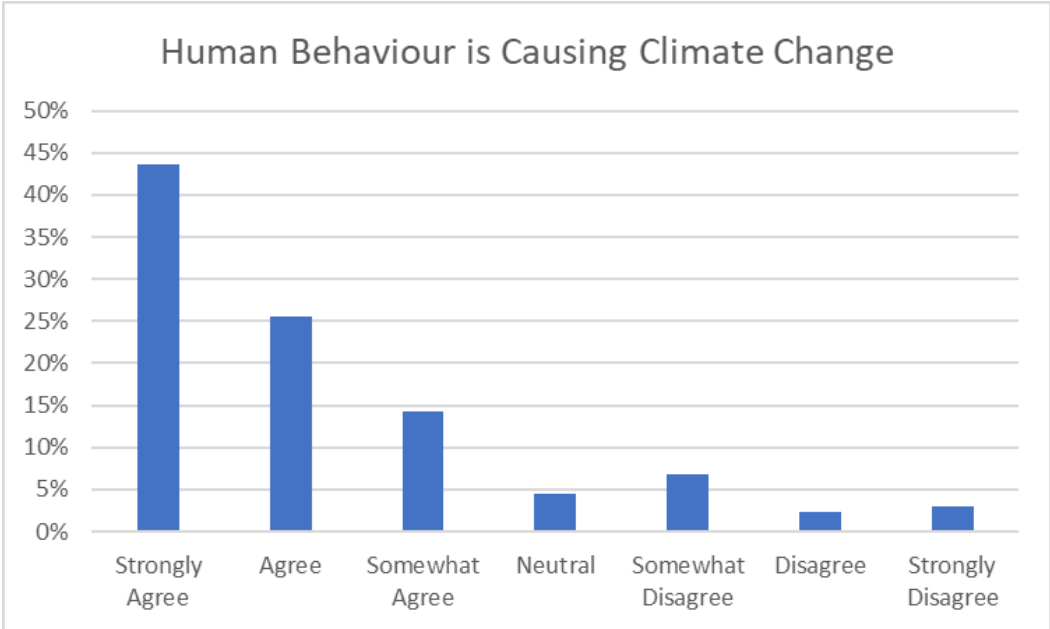


Figure 2: Human Behaviour is Causing Climate Change (Q6)

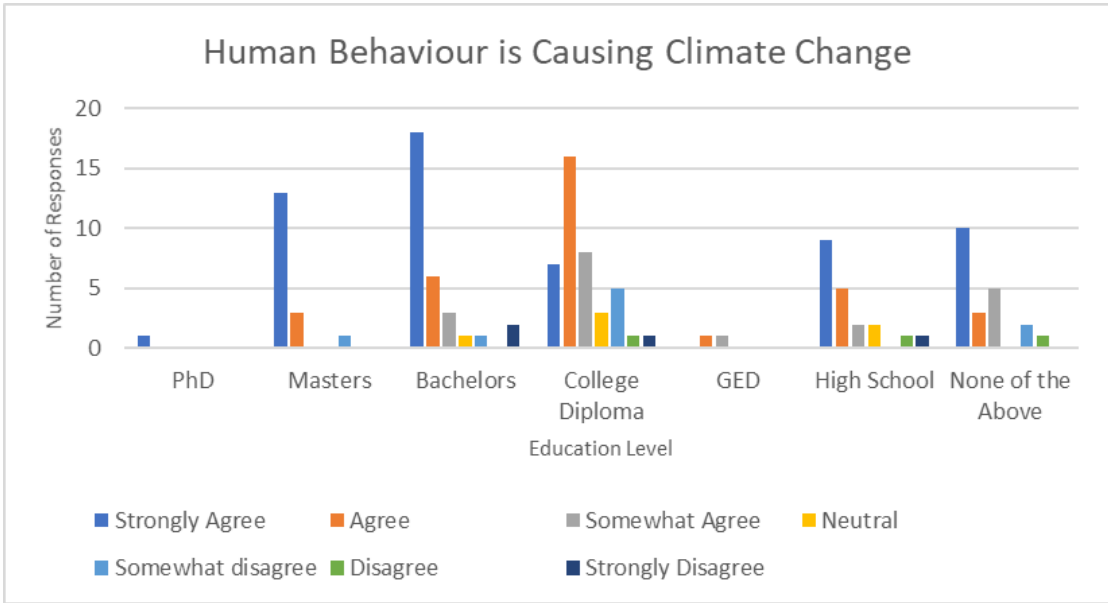


Figure 3: Views on Climate Change and Human Activity by Education Level

There is a correspondingly strong sentiment that Hampton should reduce corporate emissions, with 15% strongly agreeing, and 37% agreeing that Hampton should devote more resources to reducing corporate emissions. Accordingly, over 25% of participants feel that Hampton’s operational and capital spending must change to reduce emissions, with another 7% agreeing and 21% somewhat agreeing (see **Figures 4 and 5**).

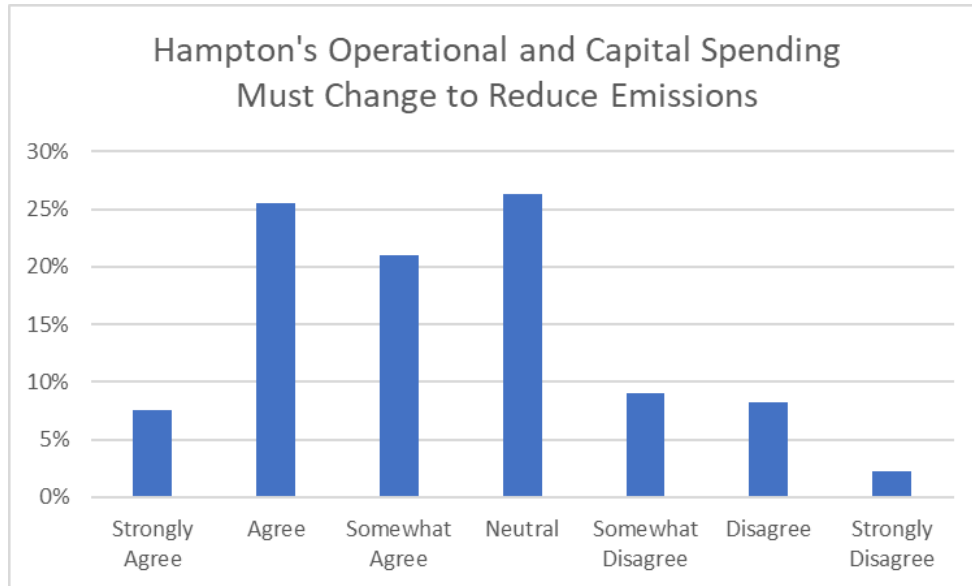


Figure 4: Hampton's Operational and Capital Spending Must Change to Reduce Climate Emissions (Q8)

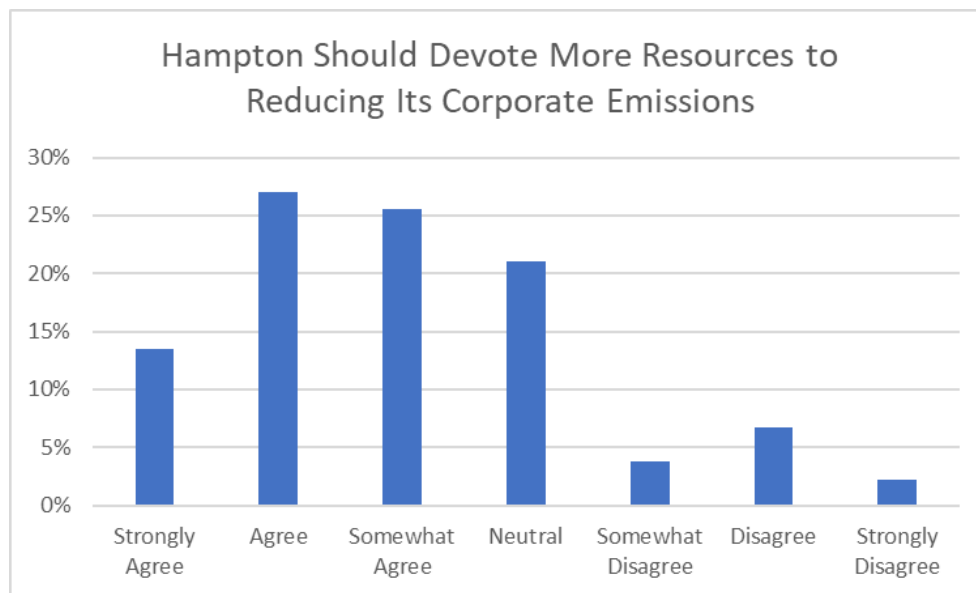


Figure 5: Hampton Should Devote More Resources to Reducing its Corporate Emissions (Q11)

There is a greater desire among participants with higher education levels that Hampton change its capital and operational spending to reduce emissions (**Figure 6**). Survey respondents with a Bachelor or Master's degree are more likely to agree, either somewhat or strongly, that reducing climate emissions should be reflected in Hampton's budgeting.

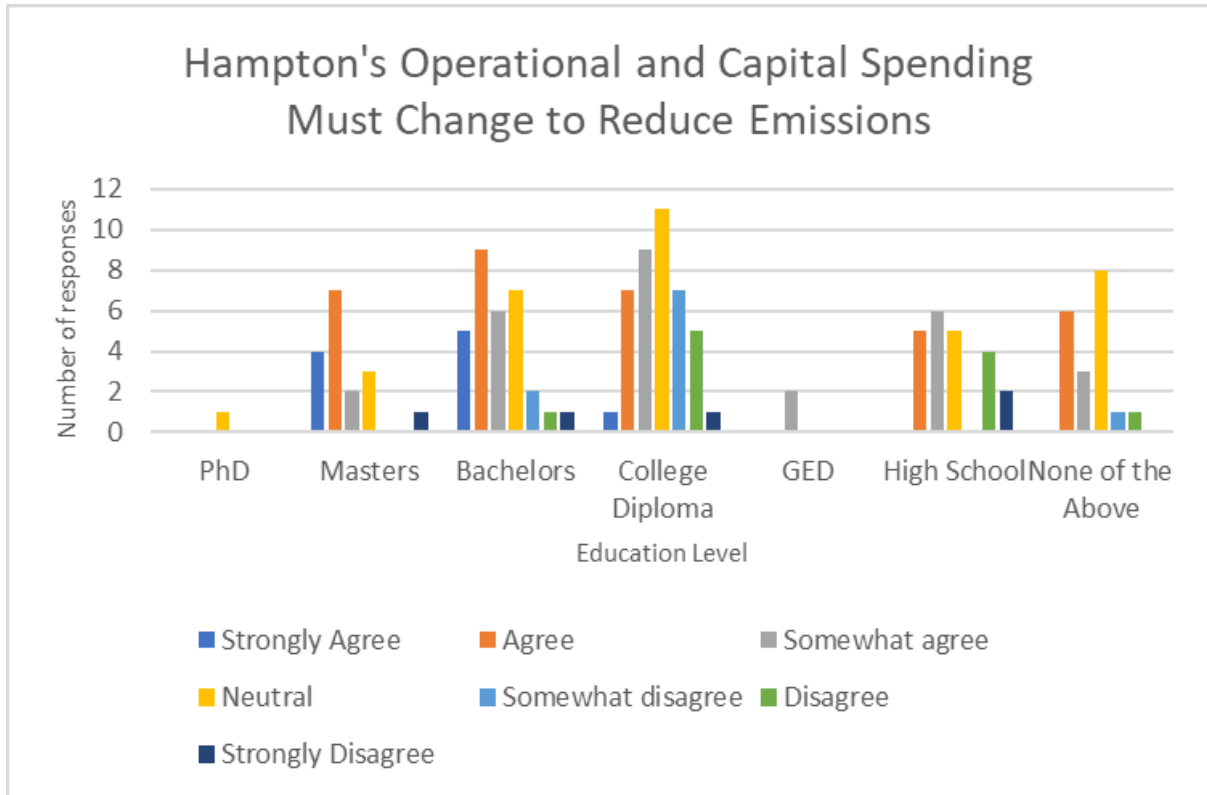


Figure 6: Views on Operational and Capital Spending by Education Level

Residents are less confident in the ability of the federal government to meet its emissions targets, with 59% somewhat disagreeing, disagreeing, or strongly disagreeing that the federal government will reach net zero emissions by 2050.

The public survey also asked residents about their transportation habits, as well as other habits that relate to sustainability and climate change. The majority of residents feel safe riding their bicycles in their neighbourhood, though there is a sizable portion of residents who do not. Participants aged 15 to 30 mostly strongly agreed that they felt safe riding a bicycle in their neighbourhood, followed by participants aged 40 to 60 (Figure 7).

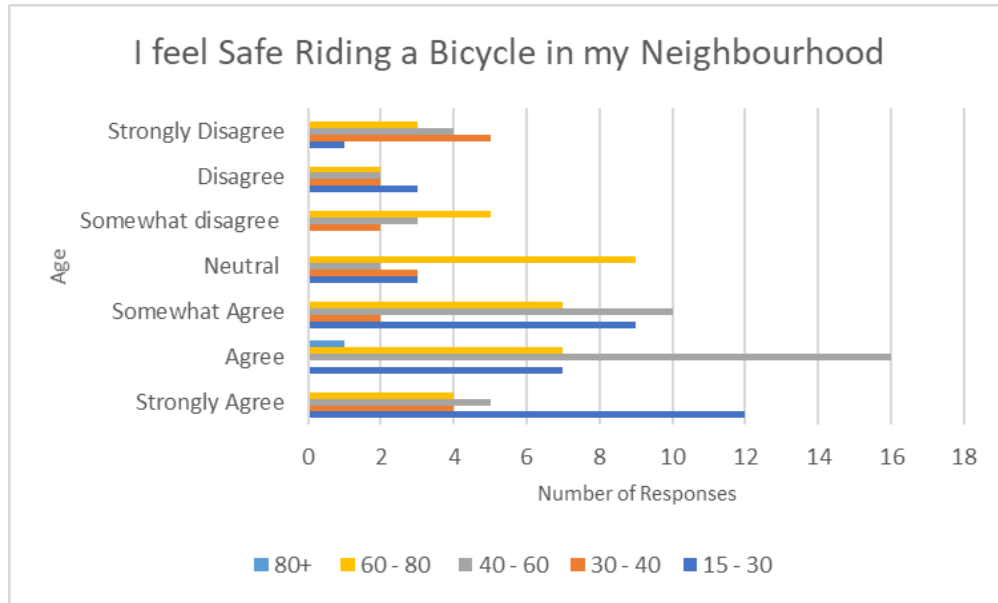


Figure 7: Views on Bicycling Safety by Age

The survey data suggests that there are residents who do not live near bicycle trails, with 32% of respondents disagreeing or strongly disagreeing that they live near bicycle trails. The majority of survey participants (54%) sometimes use active transportation (walking or biking), with nearly a quarter (24%) who never use active transportation (**Figure 8**).

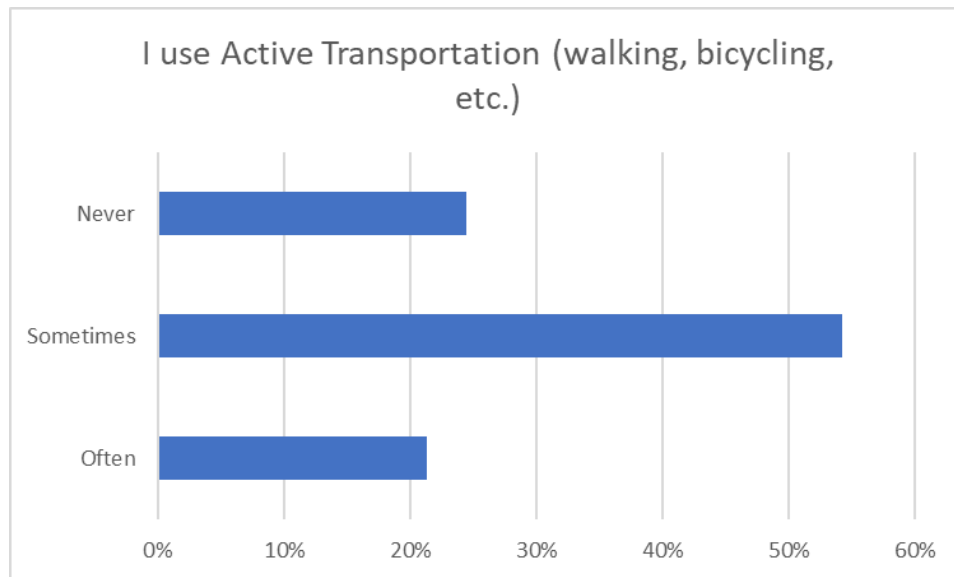


Figure 8: I Use Active Transportation (walking, bicycling, etc.)

Public transit ridership is low, with 86% stating that they never use public transit. The only respondents to select that they used public transit often were between the ages of 15 and 30

(Figure 9). Correspondingly, 67% of participants state that they commute to work with a vehicle often (Figure 10).

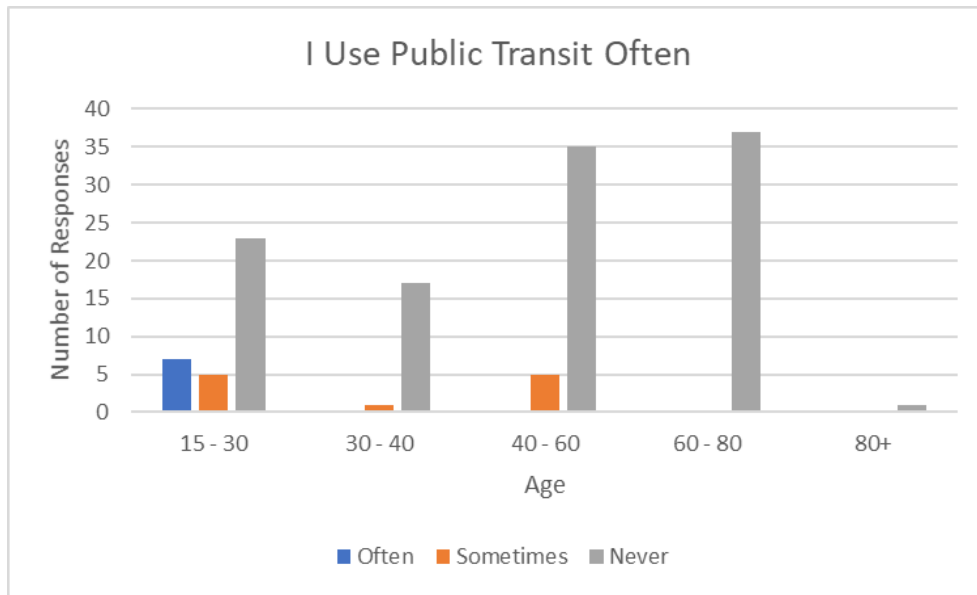


Figure 9: Public Transportation Usage by Age

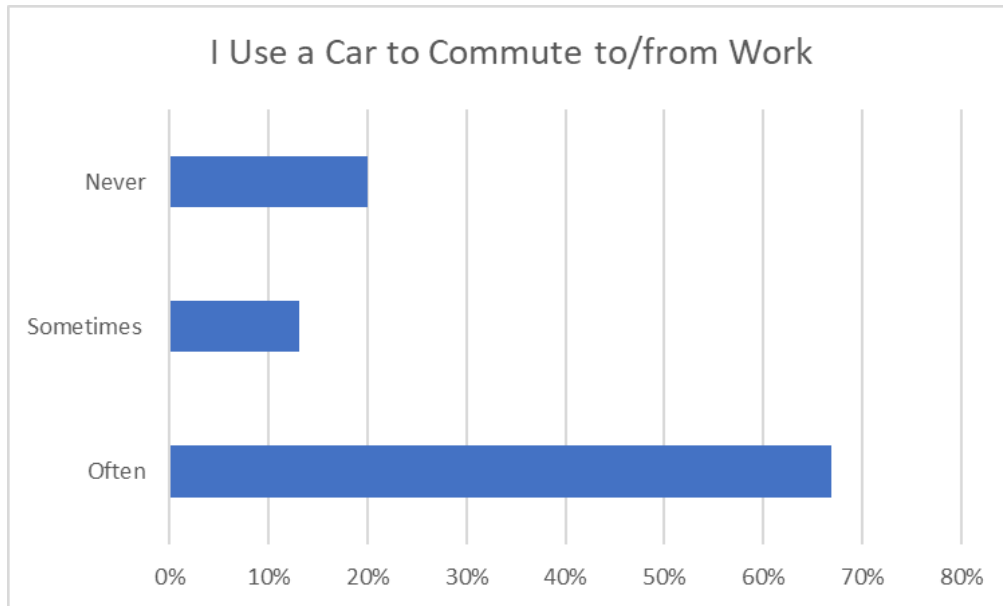


Figure 10: I Use a Car to Commute to/from Work (Q17)

The public survey asked respondents about their views on the causes of climate change, perceptions on what actions should be taken by Hampton’s budget and operations, as well as habits and lifestyle factors in relation to climate change and sustainability. The responses suggest that participants are concerned about climate change, are interested in seeing

Hampton take action to reduce emissions, and that some residents are taking measures to reduce emissions in their daily lives.

6.3 Community Workshops

Two (2) community workshops took place on February 8, 2023, with the purpose of confirming the goals and actions in the revised Local Action Plan, as well as establishing achievable timelines and responsible departments and support to each goal and action. Dillon facilitated these workshops on behalf of Hampton by providing an overview of the PCP Program, the work required to deliver Milestones 4 and 5, the work completed to date, and a request to confirm goals and actions and apply timelines. A copy of the presentation can be found in **Appendix G**.

6.3.1 Workshop #1: Hampton Municipal Departments

The first community workshop took place on February 8, 2023 with Hampton's municipal departments. There were nine attendees at this meeting from the following departments: Communications and Legislative Services, Finance and Human Resources, Public Works and Utilities, Economic Development and Tourism, Leisure Services, and Planning, Engineering and Development. The purpose of this workshop was to identify and align responsible departments to the goals and actions in the revised Local Action Plan, apply timelines for completion, and confirm Hampton's goals for emissions reduction.

In this workshop, it was determined that Hampton's Municipal Plan and Zoning By-Laws would require some amendments to support the municipality in its emissions reduction work. These amendments can be found in Section 8 of this report.

Other valuable information provided by Hampton's departments has been captured and included in the revised Local Action Plan and Implementation Matrix. The revised Local Action Plan, Implementation Matrix, and this report have been reviewed and verified by Hampton staff prior to their submission to the Federation of Canadian Municipalities PCP Program.

6.3.2 Workshop #2: Hampton Council and Committees of Council

The second community workshop also took place on February 8, 2023, with Hampton's Committees of Council and Council members. There were 15 attendees at this meeting from the following Committees of Council: Economic Development and Tourism, Planning Advisory, Leisure Services, Emergency Measures Organization, Environment, Public Works Advisory and Utilities. Also present at this workshop was Hampton's Mayor, Deputy Mayor, and other Council members. The purpose of this workshop was to identify Committees of Council that

could support responsible departments in achieving the goals and action in the revised Local Action Plan, and provide other valuable information.

During this workshop, the Environment Committee committed to many aspects of Hampton’s emissions reduction work, and noted their interest and ability in helping Hampton monitor its progress on achieving its goals. The Environment Committee’s support of certain goals and actions can be found in the Implementation Matrix.

7.0 Notable Projects and Initiatives

Over the years, Hampton has been working on achieving the goals first developed in the 2014 Local Action Plan, and has worked towards developing energy efficient buildings and infrastructure, which have now been captured in the revised Local Action Plan. Some notable projects and initiatives include the following:

- Installation of two (2) EV charging stations in Hampton. As the population of Hampton continues to grow, so does the demand for energy efficient options in the municipality. With more energy efficient vehicle options on the road (EV, hybrid), Hampton is able to provide charging stations to its residents. Two EV charging stations are expected to be installed in 2023, contributing to Goal #8 of the revised Local Action Plan.
- Construction of a new multi-purpose facility. Goal #10e. of the revised Local Action Plan is about determining the feasibility of a new multi-purpose facility; this action was also captured in the 2014 Local Action Plan. When the feasibility was determined, Hampton designed the new multi-purpose facility with energy efficiency in mind. A heat pump, motion sensor lights, in-floor heating, insulation, and trees and greenery (strategically planted to reduce emissions, improve drainage, and prevent flooding) were all examples of energy efficient design tactics for the new facility. Construction of this building is anticipated to begin in 2023.
- Promotion of active transportation in Hampton (Goal #9). There are a series of actions related to this goal and Hampton has been working toward all of them, with many having been achieved. For example, Hampton developed a Trans-Canada Trail to link new and existing pedestrian trails (completed in 2014), working towards securing public lands to offer recreation, walking trails and, bicycle paths (ongoing), and ensuring that new developments are designed to link existing or planned pedestrian, jogging, and biking trails (ongoing).

As Hampton continues to grow, active transportation and connection of subdivisions to other parts of the municipality are key to reducing residents’ reliance on vehicles. In addition, developing municipal buildings with energy efficiency in mind will help to improve Hampton’s energy usage.

8.0 Amendments to Hampton’s Policy Documents

Recent amendments to Hampton’s Municipal Plan (2020) and Zoning By-Laws (2021) have done an excellent job incorporating climate action, and support the goals and actions outlined in the revised Local Action Plan. To further support emissions reduction work and some of the newly identified goals in the revised Local Action Plan, Hampton will have to consider the following amendments to its policy documents.

Table 8: Identified Goals for Revised Local Action Plan

Goal	Policy Document	Description	Proposed Amendment
Goal #6: Work with the Regional Commission to Develop a Commuter Bus System	Municipal Plan	Hampton’s Municipal Plan needs to connect policy to a regional commuter bus priority.	5.1.3 #9 - It is proposed that Council will direct the preparation of a Transportation Needs Assessment within the Town to address overall road maintenance and improvements, the need for additional parking in the core area, the provision of pedestrian facilities, car pool facilities, bike paths and storage racks, identify areas for improvement/adequacy of a regional transportation network , and facilities for overnight and short-term parking of commercial vehicles.
Goal #7: Plant Trees to Sequester Carbon (community)	Zoning By-Laws	Add tree requirements into the commercial areas of Hampton’s Zoning By-Law. Remove tree requirements in residential areas, which can be facilitated through the subdivision by-law.	4.12.1.1 a) ii) The owner of the lot being developed for residential purposes in residential zones shall landscape: ii. An area within 2 m of the main building and is encouraged to plant two trees (25 mm caliper) in the front yard.

Goal	Policy Document	Description	Proposed Amendment
Goal #8: Install Electric Vehicle Charging Stations (community/corporate)	Municipal Plan	Hampton’s Municipal Plan requires a policy update for EV charging stations.	It is proposed that Council conduct an assessment for eligible locations across Hampton to electrical vehicle charging stations.
Goal #8: Install Electric Vehicle Charging Stations (community/corporate)	Zoning By-Laws	Hampton’s Zoning By-Law requires an update to include EV charging stations.	“service station” means an establishment where fuel or lubricants are offered for sale via a gasoline bar or EV station , and may include minor automobile repair or maintenance, sale of convenience items, or a car wash inside a building or structure, but shall not include a vehicle repair garage, a vehicle body and paint shop, vehicle sales and leasing, or a vehicle rental use.
Goal #9: Promote Active Transportation in Hampton	Municipal Plan	Bike lane language in Hampton’s Municipal Plan needs to be updated to reflect more multi-modal options.	Define active transportation.
Goal #9: Promote Active Transportation in Hampton	Zoning By-Laws	Bike lane language in Hampton’s Zoning By-Laws needs to be updated to reflect more multi-modal options.	7.2.5 k) The transportation impacts, including provision for access and parking, public transit and active transportation modes (multi-modal, i.e. walking, biking, etc.) , and the adequacy of the proposal in meeting transportation needs is assessed;
Goal #14: Promote Food Gardens for Hampton Households (community)	Zoning By-Laws	Retain agricultural lands through Hampton’s Municipal Plan and Zoning By-Law. To enable food gardens in the front yard, the fencing By-Law requires amendment (allow for deer fence, under 6 feet). Consider whether there would be any implications regarding safety and sight distances with increased height. Add recommendation to define ‘deer fence’	5.1.2 a) Except for a security fence of chain link or wrought iron construction, no fence in a required front yard may exceed 1.5 1.83 m in height;

9.0 Conclusion

Hampton is committed to reducing its emissions and making its community safer and more enjoyable for its residents. This can be seen in the work that has been completed since its Local Action Plan was first drafted in 2014. Over the years Hampton has been working towards making updates to its existing buildings to increase its energy efficiency, as can be seen in **Table 7** above. Though the emissions for Hampton’s vehicle fleet have increased, vehicles purchased are at a minimum, a Tier III standard.

Many of the goals in the Local Action Plan have been achieved, or are nearing completion. Hampton, with support from the Environment Committee, has a series of actions related to educating the public on energy efficiency, renewable technologies, and water conservation, in addition to increasing access to active transportation options. As Hampton continues to grow, both in population and as a result of Local Governance Reform, there is a growing demand to increase the budget with regard to operational spending on climate initiatives. Hampton’s residents are aware of their carbon footprint and are seriously working towards reducing it.

Calculations regarding Hampton’s emissions illustrate positive changes towards Hampton’s original target of 18% reductions in corporate emissions and 6% in community emissions. However, annual data collection and consistency of naming conventions are necessary to truly understand Hampton’s emissions. With revisions to the Local Action Plan, and with timelines and departments appropriately highlighted, Hampton can focus its efforts going forward on achieving more accurate emissions data.

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Appendix A

Revised Local Action Plan (Milestone 3)



HAMPTON
It's our nature!

Hampton

PARTNERS FOR CLIMATE PROTECTION PROGRAM

MILESTONE 3 - LOCAL ACTION PLAN

March 2023

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1.0 INTRODUCTION

The Federation of Canadian Municipalities developed the Partners for Climate Protection (PCP) Program to decrease greenhouse gas (GHG) emissions and promote sustainable development within Canadian municipalities (FCM, 2014). To achieve a reduction in emissions, the PCP Program set out a five-step Milestone Framework: 1- Create an Inventory; 2- Set a Target; 3- Develop a Plan; 4- Implement a Plan; and 5- Monitor the Impact (PCP, 2021).

Hampton joined the PCP Program in 2004 and completed Milestones 1 (2011), 2 (2014), and 3 (2014). The chosen targets as described in Hampton’s Milestone 2 Report include a 20% reduction of emissions in the corporate sector by 2024, and a 6% reduction of emissions in the community sector by 2024. Though Milestone 3 was completed in 2014, a revised Local Action Plan is required to account for the gap in time since its completion and because Hampton has worked towards the completion of Milestones 4 and 5. Since 2014, Hampton has updated its Municipal Plan (2019) and its Zoning By-Law (2021), therefore providing new considerations and opportunities to achieve the goals first identified in the 2014 version of the Local Action Plan. In addition, as a result of the Province’s Local Governance Reform initiatives, Hampton is required to update its Municipal Plan and Zoning By-Law to accommodate newly annexed lands, providing an optimal time to revisit the Local Action Plan, given that updates to both documents are recommended to help support and achieve the revised goals in this Local Action Plan.

Hampton is a small community located 35 kilometers northeast of Saint John, New Brunswick. Hampton borders along the Kennebecasis River, a tributary of the Saint John River. The municipality is home to 9,320 people, which increased by 122% after annexation as part of Local Governance Reform that began in New Brunswick in 2022. Amalgamation has more than doubled the population of the municipality, which profoundly changed Hampton’s character and tax-base since the municipality began participating in the PCP Program. With Hampton’s boundaries now encompassing formerly unincorporated areas, the municipality includes more traditional suburban developments, agricultural fields and operations, and undeveloped areas. The former Town of Hampton continues to be centered around Main Street, where a small mixture of residential, commercial and light industrial uses are present.

The following goals and subsequent actions were first identified in Hampton’s 2014 Local Action Plan. Through engagement in 2022-2023, these goals were updated to reflect the changes and priorities since that time.

2.0 ACTIVITIES TO ACHIEVE TARGET REDUCTIONS

GOAL #1: Retrofit Buildings to Increase Efficiency (Corporate Operations: Buildings)		
<p>Responsible Department(s): Leisure Services, Facilities, Public Works and Utilities, Economic Development and Tourism, Planning, Engineering and Development</p> <p>Support: Environment Committee</p>		
Action	<p>1. Community Centre upgrades</p> <ul style="list-style-type: none"> a. Replace and install lights on fractional usage system b. Replace mezzanine lighting to LED c. Replace front entrance lights to LED and install motion sensor d. Repair pool outdoor lighting e. Replace heaters in arena f. Install low flow toilets g. Install new lighting in zamboni room h. Repair heat pumps at pool i. Build offices in arena for Leisure Services with insulated floors and walls j. Replace thermal blankets for pool with solar blankets 	<p><i>Implementation Considerations</i></p> <p>Lighting is installed on an as-needed basis, therefore lighting retrofits are ongoing.</p> <p>Hampton’s operational spending budget may limit the ability to complete some of these retrofits in a timely manner. In addition, there may be limited capacity and competing priorities of the municipality when it comes to building and operational maintenance.</p> <p>Responsible departments could provide updates to the Environment Committee on these actions, with the Environment Committee monitoring progress. A standing agenda item could be added to Committee meetings.</p>
	<p>2. Visitor Information Centre upgrades</p> <ul style="list-style-type: none"> a. Replace outdoor lighting from incandescent to halogen b. Spray foam insulation c. New Roof d. Windows repaired 	<p><i>Implementation Considerations</i></p> <p>Lighting is installed on an as-needed basis, therefore lighting retrofits are ongoing.</p> <p>Hampton’s operational spending budget may limit the ability to</p>

	<ul style="list-style-type: none"> e. Electrical system updated f. Install new heat pump 	<p>complete some of these retrofits in a timely manner. In addition, there may be limited capacity and competing priorities of the municipality when it comes to building and operational maintenance.</p> <p>Responsible departments could provide updates to the Environment Committee on these actions, with the Environment Committee monitoring progress. A standing agenda item could be added to Committee meetings.</p> <p><i>Other Information</i></p> <p>All windows were replaced by energy-star windows, cutting the visitor centre’s carbon footprint by at least 12%.</p>
	<p>3. Lighthouse River Centre upgrades</p> <ul style="list-style-type: none"> a. Timers on bathroom lights b. LED lights installed 	<p><i>Implementation Considerations</i></p> <p>Lighting is installed on an as-needed basis, therefore lighting retrofits are ongoing.</p> <p>Hampton’s operational spending budget may limit the ability to complete some of these retrofits in a timely manner. In addition, there may be limited capacity and competing priorities of the municipality when it comes to building and operational maintenance.</p> <p>Responsible departments could provide updates to the Environment Committee on these actions, with</p>

		<p>the Environment Committee monitoring progress. A standing agenda item could be added to Committee meetings.</p>
	<p>4. Equipment Depot upgrades</p> <ul style="list-style-type: none"> a. Replace high pressure sodium lights with T8 fluorescent bulbs 	<p><i>Implementation Considerations</i></p> <p>Lighting is installed on an as-needed basis, therefore lighting retrofits are ongoing.</p> <p>Hampton’s operational spending budget may limit the ability to complete some of these retrofits in a timely manner. In addition, there may be limited capacity and competing priorities of the municipality when it comes to building and operational maintenance.</p> <p>Responsible departments could provide updates to the Environment Committee on these actions, with the Environment Committee monitoring progress. A standing agenda item could be added to Committee meetings.</p>
	<p>5. Library/Gaol (jail) upgrades</p> <ul style="list-style-type: none"> a. New windows and doors b. New roof c. Install multi-head heat pump 	<p><i>Implementation Considerations</i></p> <p>Hampton’s operational spending budget may limit the ability to complete some of these retrofits in a timely manner. In addition, there may be limited capacity and competing priorities of the municipality when it comes to building and operational maintenance.</p>

		<p>Responsible departments could provide updates to the Environment Committee on these actions, with the Environment Committee monitoring progress. A standing agenda item could be added to Committee meetings.</p> <p><i>Other Information</i></p> <p>The library was located in Hampton’s old gaol (jail). It has since moved to the Lighthouse River Centre. The old gaol building still stands, with windows, doors, and the roof replaced. A heat pump has also been installed.</p>
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GOAL #2: Retrofit Buildings to Increase Efficiency (Community)

Responsible Departments: Planning, Engineering and Development (Industrial), Communications (Residential and Commercial)

Support: Hampton Area Chamber of Commerce, Committees of Council (Environment, Leisure Services), Council

Action	<p>1. Residential</p> <ul style="list-style-type: none"> a. Directing residents to free energy audits b. New homes are encouraged to incorporate energy efficient options such as passive solar heating, lighting, green roofs, etc. 	<p>Implementation Considerations</p> <p>There may be limited capacity and other competing priorities of the municipality when it comes notifying Hampton’s residents and making them aware of these options.</p> <p>Using existing resources such as the community guide,</p>
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		<p>website, or social media could achieve the actions in this goal.</p> <p>The Environment Committee could host an energy efficiency education meeting for residents.</p>
	<p>2. Commercial</p> <ul style="list-style-type: none"> a. Green business network (GBN) b. New buildings are encouraged to incorporate energy efficient options such as green roofs, solar power, etc. 	<p>Implementation Considerations</p> <p>Hampton can only encourage these actions, as they are not compulsory.</p>
	<p>3. Industrial</p> <ul style="list-style-type: none"> a. Include industries in GBN b. New buildings are encouraged to incorporate energy efficient options such as green roofs, solar power, etc. 	<p>Implementation Considerations</p> <p>Hampton can only encourage these actions, as they are not compulsory.</p>

GOAL #3: Reduce Use, and Increase Efficiency in Fleet Vehicles (Corporate)		
Responsible Departments: Public Works and Utilities, Facilities, Leisure Services: Parks		
Support: Environment Committee		
Action	<ul style="list-style-type: none"> a. New Zamboni with wider surfacing thus allowing for more ice coverage in less time b. All new vehicles purchased are up to Tier III Standards c. Adopt an anti-idling guideline 	<p><i>Implementation Considerations</i></p> <p>If Hampton requires new vehicles, consider electric/hybrid options.</p> <p>To reduce idling within the municipality, Hampton may want to consider</p>

		<p>incorporating additional traffic circles at intersections.</p> <p>Hampton staff could be encouraged by Council to use active transportation (walk/bike) to get to work. Hampton could consider incentives for this initiative.</p> <p>To encourage anti-idling, signage in specific areas may help limit emissions by informing the public. Hampton’s operational spending budget may limit the ability to install signage. In the absence of operational funding, consider educating the public on anti-idling through Hampton’s social media platforms, website, etc.</p> <p>Utilize Committees of Council to help support/champion actions such as the anti-idling guideline.</p> <p><i>Other Information</i></p> <p>A new electric zamboni was purchased in 2021. It requires less maintenance, and can cut approximately 5 tonnes of emissions annually on a regular schedule. The reduction in exhaust emissions also improves the air quality for attendants in the arena.</p>
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		Most vehicles purchased by Hampton are up to the Tier III standard.
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GOAL #4: Replace Street Lights with LED bulbs (Corporate)

Responsible Departments: Public Works and Utilities

Action	<ul style="list-style-type: none"> a. Replace street lights with LED bulbs b. Replace Christmas lighting with LED 	<p><i>Implementation Considerations</i></p> <p>Lighting is installed on an as-needed basis, therefore lighting retrofits are ongoing.</p> <p>Hampton could consider solar lights around the municipality.</p>
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GOAL #5: Compost and Recycle in Municipal Buildings (Corporate)

Responsible Departments: All Departments

Support: Facilities, Public Works and Utilities, Environment Committee

Action	<ul style="list-style-type: none"> a. Keep a compost receptacle in the kitchen of municipal buildings b. Hold an interdepartmental waste reduction challenge c. Recycling program for municipal buildings 	<p><i>Implementation Considerations</i></p> <p>Consider a Hampton staff person to champion these actions in all municipal buildings.</p> <p>Allow for a trial period for these actions and then re-evaluate.</p>
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		Utilize the Environment Committee for support on achieving this goal.
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GOAL #6: Work with the Regional Commission to Develop a Commuter Bus System

Responsible Departments: Leisure Services, Communications
Support: Environment Committee

Action	<ul style="list-style-type: none"> a. Conduct a Transportation Needs Assessment to identify areas for improvement/adequacy of transportation network b. Provide incentives for people who ride the bus c. Public education on money and emissions saved by riding the bus 	<p><i>Implementation Considerations</i></p> <p>Hampton’s Municipal Plan needs to connect policy to a regional commuter bus priority.</p> <p>Hampton used to have a COMEX bus transit system, established in 2007. However, due to rising subsidy costs and a decrease in usage, that system ceased operations in 2020. One of the benefits of Local Governance Reform allows for a regional, larger-scale response to an ongoing issue. Hampton partnered with other participating regions for a needs assessment in 2021, but the work was turned down. Hampton looks forward to working with the Regional Commission to undergo a study to instate a more</p>
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		<p>efficient transit system. This study will recommend standards for new development.</p> <p>Hampton could consider purchasing its own vehicles for commuter transportation in the interim.</p> <p>There seems to be a need for a transportation system, but previous experience indicates that a new system would not be fully utilized.</p>
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GOAL #7: Plant Trees to Sequester Carbon (Community)

Responsible Departments: Leisure Services

Support: Committees of Council (Environment, Planning Advisory, Leisure Services)

Action	<ul style="list-style-type: none"> a. Plant trees in Hampton to sequester carbon b. Develop a tree planting plan 	<p><i>Implementation Considerations</i></p> <p>Add tree requirements into the commercial areas of Hampton’s Zoning By-Law. Remove tree requirements in residential areas, which can be facilitated through the subdivision by-law.</p> <p>Trees are planted annually in and around Dutch Point Trail, Veterans Park, and Town Square Pavilion. This is considered ongoing work.</p>
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		<p>To determine annual tree-planting numbers, Hampton should consider gathering inventory from previous years.</p> <p>A GIS desktop mapping exercise could highlight areas in Hampton that could benefit from additional tree planting. Information could be incorporated into a tree planting plan (and determine tree species/how many, etc.).</p> <p><i>Other Information</i></p> <p>Hampton has a program in place for residents to purchase trees in the Town Square Pavilion in memory of a loved one, which would also contribute to achieving this goal.</p>
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GOAL #8: Install Electric Vehicle Charging Stations (Community/Corporate)

Responsible Departments: Economic Development and Tourism, Public Works and Utilities, Facilities

<p>Action</p>	<ul style="list-style-type: none"> a. Establish a list of eligible locations for electrical vehicle charging stations b. Install EV charging stations at all municipal buildings: visitors centre, town hall, river centre, multi-purpose centre, and community centre. 	<p><i>Implementation Considerations</i></p> <p>Hampton’s Municipal Plan requires a policy update for EV charging stations.</p> <p>EV installations are expected to take place in the spring of</p>
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	<p>c. Engage businesses with parking spaces that will host EV stations</p>	<p>2023 pending weather and Hampton’s resource/capacity. Both installations are planned for the visitor centre. Other municipal locations for future installations include the town hall, river centre, multi-purpose centre, and community centre.</p> <p>It is expected that once the 2023 installation of EV stations are complete, Hampton can work with local businesses to encourage EV parking opportunities.</p> <p><i>Other Information</i></p> <p>The EV charging locations will be registered on all EV charger websites and promoted on the NB Power website.</p>
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GOAL #9: Promote Active Transportation in Hampton

Responsible Departments: Public Works and Utilities, Leisure Services: Parks, Planning, Engineering and Development, Communications

Support: Committees of Council (Planning Advisory, Leisure Services), Leisure Services

<p>Action</p>	<p>a. Develop Trans Canada Trail to link new and existing pedestrian trails</p> <p>b. Install crosswalk lights on Main Street</p> <p>c. Install roundabout at Centennial, Crawford, and Main St. intersection</p>	<p><i>Implementation Considerations</i></p> <p>Bike lane language in Hampton’s Municipal Plan and Zoning By-Law (and others) needs to be updated</p>
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	<ul style="list-style-type: none"> d. Continue winter maintenance of sidewalks and trails e. Development will be designed to link existing or planned pedestrian, jogging and biking trails. f. Appropriately located bicycle facilities g. Develop signage and way finding strategies for pedestrians and motorists h. Maintain sidewalks/road shoulders to for safer pedestrian travel i. Explore certification requirements for Bicycle Friendly Communities (Share the Road) j. Promote Explore EcoNB app-shows trans Canada Trail through Hampton k. Public lands be secured by Council to offer recreation, walking trails and bicycle paths l. Add Public land contribution to subdivision approval process 	<p>to reflect more multi-modal options.</p>
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GOAL #10: New Infrastructure Built Using ‘Green’ Building Design (corporate)		
Responsible Departments: Planning, Engineering and Development, Facilities, Leisure Services		
Action	<ul style="list-style-type: none"> a. Investigate funding and feasibility of integrating renewable technologies into municipal facilities 	<p><i>Implementation Considerations</i></p> <p>Keep green infrastructure policies from Hampton’s current Municipal Plan.</p>

	<ul style="list-style-type: none"> b. Integrate sustainable site design into Hampton planning and development approval processes c. Update Municipal Plan to incorporate energy efficient designs d. Explore new green infrastructure by-laws in other jurisdictions for industrial buildings e. Determine feasibility of new facility (multi-purpose facility) 	<p><i>Other Information</i></p> <p>The new multi-purpose facility, to be constructed in 2023, was designed using energy efficient standards. A heat pump, motion sensor lights, in-floor heating, insulation, and trees and greenery (strategically planted to reduce emissions, improve drainage, and prevent flooding) are all examples of energy efficient design tactics for the new facility.</p>
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GOAL #11: Educate the Public on Energy Efficiency, Renewable Technologies, and Water Conservation (Community)

Responsible Departments: Planning, Engineering and Development, Communications, Leisure Services

Support: Environment Committee

<p>Action</p>	<ul style="list-style-type: none"> a. Provide information on Efficiency NB energy upgrade incentives and alternative energy systems b. Personal carbon footprint calculator on Hampton website (link to) c. Promote environmental educations via grassroots organizations that host environmental speakers and by showing environmental documentaries in community theater, town square 	<p><i>Implementation Considerations</i></p> <p>Hampton’s website, social media pages, etc. require regular updates to educate residents on Goal 11.</p> <p>Some of these Actions are ongoing. Hampton should consider an annual schedule of events.</p>
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	<ul style="list-style-type: none"> d. Climate change ‘toolkit’: provide light bulb, pamphlet, cold water detergent, tree, recycled toilet paper, etc. e. Climate change section for community guide/website f. Promote use/provide discount on rain barrels g. Include wastewater information section on Hampton website h. Explore incentives for residents to transition to energy efficient technologies i. Secure funding to support renewable technologies in the community 	<p>All responsible developments need to be able to coordinate their capacity in order to achieve these actions.</p> <p>Hampton is working with NB Power regarding Action e. Toolkits to be placed at reception.</p>
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GOAL #12: Replace Old Wastewater Pumps (Corporate)		
Responsible Departments: Public Works and Utilities		
Action	a. Replace old pumps	<p><i>Implementation Considerations</i></p> <p>Pumps are replaced on an as-needed basis; work is ongoing.</p>

GOAL #13: Develop a Pollution Prevention and Recycling Strategy
<p>Responsible Departments: Public Works and Utilities: Solid Waste</p> <p>Support: Committees of Council Environment and Public Works and Utilities Advisory</p>

Action	<ul style="list-style-type: none"> a. Develop a pollution prevention and recycling strategy b. Limit bi-weekly garbage pickup to one large container per household c. Provide information from Fundy Solid Waste d. Implement curb-side pickup recycling program e. Develop incentives for residents to separate garbage from compost and recyclables or incentivize residents to bring recyclables to community blue bins f. add recycling bins to Hampton’s public areas 	<p><i>Implementation Considerations</i></p> <p>Recycling in Hampton is going to become privatized. Hampton staff will have to consider how that change could impact achievement of this goal.</p> <p>All Wards in Hampton should have similar recycling strategies.</p> <p>Some actions in Goal #13 require periodic reminders.</p> <p><i>Other Information</i></p> <p>Residents can go to the Fundy Regional Service Commission website for more information on recycling and composting: https://www.fundyrecycles.com/solid-waste/garbage-recycling/garbage-bulk-items/.</p>
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<p>GOAL #14: Promote Food Gardens for Hampton Households (Community)</p>		
<p>Responsible Departments: Environment</p> <p>Support: Planning, Engineering and Development, Planning Advisory Committee, Communications</p>		
Action	<ul style="list-style-type: none"> a. Community garden b. Encourage food gardens for households with lawns c. Promote local farmers markets 	<p><i>Implementation Considerations</i></p>

		<p>Retain agricultural lands through Hampton’s Municipal Plan and Zoning By-Law.</p> <p>Allow for food gardens in the front yard of households by amending the fencing by-law for front yards (i.e. deer fence).</p> <p><i>Other Information</i></p> <p>Within the new municipal Hampton boundary, Hampton has 5-6 local farmers markets.</p>
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3.0 STAKEHOLDER ENGAGEMENT

Hampton’s Local Action Plan was originally developed in 2014. Through the review of Hampton’s Municipal Plan, which lays out future goals for Hampton, and also through engagement with Hampton’s Committees of Council, goals were developed through policy review and input, respectively. Hampton relies on resident volunteers to staff what are known as Committees of Council, which are members of the public as well as Councillors who have specific skills or interest in various aspects of Hampton. Their input and expertise was incorporated into the 2014 Local Action Plan; it was also utilized again in 2022-2023 to complete the revised Local Action Plan, and for Milestones 4 and 5. Hampton’s Committees of Council include:

1. Public Works Advisory and Utilities Committee
2. Economic Development and Tourism Committee
3. Environment Committee
4. Leisure Services Committee
5. Planning Advisory Committee
6. Emergency Measures Organization Committee
7. Finance Committee

8. Health Care Committee

Engagement with the Environment Committee took place in December, 2022. An update on Hampton's priority to complete Milestones 4 and 5 of the PCP Program was provided, as well as a request to review the 2014 Local Action Plan and apply a modern lens to the goals. Many of the actions, and some of the goals were updated to reflect the comments provided by the Committee.

Community workshops were held in February, 2023 and included participants from Hampton's departments, the Committees of Council, and members of Council to confirm the goals, actions, and responsible departments in this revised Local Action Plan. Attendees at the workshops also provided input regarding Milestone 4, specifically applying timelines to the actions, and other important information.

Hampton residents were also engaged in the process of providing valuable feedback with regard to personal habits and emissions reductions interests through a public survey. The survey was open to residents in January-February 2023; the survey received 144 responses. Results of the survey can be found in the Milestone 5 report.

4.0 COST/FUNDING SOURCES

While goals and action of the revised local action plan have been worked into the general operating budget for Hampton, competing priorities on the maintenance of buildings remains. Over the years, Hampton has achieved several retrofits, as identified in the Milestone 4 Implementation Matrix, and will continue to work to achieve the outstanding actions related to retrofits. With updates to Hampton's Municipal Plan and Zoning By-Laws, there will be overwhelming support for the municipality to work to achieve these goals. As proposed by members of the Environment Committee, Hampton could revisit their operating budget and apply a portion of its budget specifically to emissions reduction and climate change action to further support Hampton's work in achieving the goals in the Local Action Plan.

Other funding sources can be considered by Hampton in achieving certain goals and actions. These include:

- Commercial Buildings Retrofit Program, Save Energy NB:
<https://www.saveenergy.nb.ca/en/for-business/commercial-buildings-retrofit-program/>
- Enhanced Energy Savings Program, Save Energy NB:
<https://www.saveenergy.nb.ca/en/for-home/enhanced-energy-savings-program/>
- Total Home Energy Savings Program, Save Energy NB:
<https://www.saveenergy.nb.ca/en/for-home/total-home/>

- Canada Greener Homes Grant: <https://www.nrcan.gc.ca/energy-efficiency/homes/canada-greener-homes-initiative/canada-greener-homes-grant/canada-greener-homes-grant/23441>
- 2 Billion Tree Program: <https://www.canada.ca/en/campaign/2-billion-trees/2-billion-trees-program/2-billion-trees-program-ongoing-call-for-proposals.html>
- TD Friends of the Environment Foundation Grant: <https://www.td.com/ca/en/about-td/ready-commitment/funding/fef-grant>
- Clean Energy for Rural and Remote Communities: [https://www.canada.ca/en/services/environment/weather/climatechange/climate-plan/reduce-emissions/reducingClean energy in Indigenous, rural and remote communities - Canada.ca-reliance-diesel.html](https://www.canada.ca/en/services/environment/weather/climatechange/climate-plan/reduce-emissions/reducingClean%20energy%20in%20Indigenous,%20rural%20and%20remote%20communities%20-%20Canada.ca-reliance-diesel.html)
- Active Transportation Fund: <https://www.infrastructure.gc.ca/trans/applicant-guide-demandeur-eng.html>
- Hampton Storefront Improvement Grant: <https://www.townofhampton.ca/wp-content/uploads/2022/01/2022-STOREFRONT-IMPROVEMENT-ASSISTANCE-PROGRAM.pdf>
- Zero Emission Vehicle Infrastructure Program: <https://natural-resources.canada.ca/energy-efficiency/transportation-alternative-fuels/zero-emission-vehicle-infrastructure-program/21876>

Additional funding sources may also be available through the following options:

- New Brunswick Environmental Trust Fund: <https://www2.gnb.ca/content/gnb/en/corporate/promo/environmental-trust-fund.html>
- CN EcoConnexions Partnership Program: <https://www.cn.ca/en/delivering-responsibly/environment/ecoconnexions-programs/ecoconnexions-partnership-program/>
- Green Infrastructure Funding Stream: <https://www.infrastructure.gc.ca/plan/gi-iv-eng.html>
- Low Carbon Economy Fund: <https://www.canada.ca/en/environment-climate-change/services/climate-change/low-carbon-economy-fund/what-is-lcef.html>

Another option to achieve the goals in the Local Action Plan includes partnerships with non-profit organizations. For example, with regard to Goal #7: Plant Trees to Sequester Carbon, Hampton could develop a partnership with the Kennebecasis Watershed Restoration

Committee. Given that the municipality of Hampton resides within this watershed, Hampton could work with this Committee to identify areas within the municipality for tree planting.

Lastly, Hampton may consider casual hires/summer students to help to collect data to aid staff in ongoing reporting requirements and provide support in emissions reduction work.

5.0 CONCLUSION

Hampton is a small, but growing community that is eager to reduce its greenhouse gas emissions. Hampton's commitment to emissions reduction is evident in the goals and actions identified in this document. Through engagement with Hampton's departments, its Committees of Council, members of Council, and residents via a public survey, it is clear that climate action is a priority for this municipality and the incorporation of this document, as well as Milestones 4 and 5, will help achieve the targets set out originally in Milestone 2.

REFERENCES

- Federation of Canadian Municipalities. 2014. *Developing Inventories for Greenhouse Gas Emissions and Energy Consumption: A Guidance Document for Partners for Climate Protection in Canada*.
https://data.fcm.ca/documents/reports/PCP/Developing_Inventories_for_Greenhouse_Gas_Emissions_and_Energy_Consumption_EN.pdf
- PCP. 2021. *The PCP Milestone Framework*: <https://www.pcp-ppc.ca/program>
- Statistics Canada. 2021. *Census Profile, 2016 Census*: <https://www12.statcan.gc.ca/census-recensement/2016/dp-pd/prof/details/page.cfm?Lang=E&Geo1=POPC&Code1=0350&Geo2=PR&Code2=13&SearchText=Hampton&SearchType=Begins&SearchPR=01&B1=All&GeoLevel=PR&GeoCode=0350&TABID=1&type=0>

Appendix B

Implementation Matrix (Milestone 4)



HAMPTON
It's our nature!

Hampton

PARTNERS FOR CLIMATE PROTECTION PROGRAM

MILESTONE 4 - IMPLEMENTATION MATRIX

March 2023

Implementation Matrix March 2023

The Milestone 4 Implementation Matrix has been drafted based on the guidelines provided by the Partners for Climate Protection Program. The Goals and Actions outlined below are as identified in Hampton's revised Local Action Plan (2023). This Implementation Matrix provides a breakdown of each goal and subsequent action(s), identifies responsible departments for achievement of each action, identifies groups to provide support (departments, Committees of Council, and/or Council), and includes a timeline for completion (or provides date of completion). The timelines have been broken down into the following:

- Short Term: 0-12 months
- Medium Term: 1-2 years
- Long Term: 3-5 years

Each of the goals include supporting policies from Hampton's Municipal Plan and/or Zoning By-Law, potential obstacles for consideration, funding and/or resource opportunities available, as well as any potential variations from Hampton's original Local Action Plan (2014). For more general funding opportunities, please refer to Hampton's revised Local Action Plan (2023).

Goal #1: Retrofit Buildings to Increase Efficiency (Corporate - Buildings)		
What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
1. Community Centre Upgrades <ol style="list-style-type: none"> a. Replace and install lights on fractional usage system b. Replace mezzanine lighting to LED c. Replace front entrance lights to LED and install motion sensor d. Repair pool outdoor lighting e. Replace heaters in arena f. Install low flow toilets g. Install new lighting in zamboni room h. Repair heat pumps at pool 	Lead: Leisure Services, Facilities Support: Environment Committee	A: ongoing project; installations are on as-needed basis B: completed 2013 C: completed 2009 D: completed 2013 E: 1-2 years F: 3-5 years G: installations are on an as-needed basis H: 1-2 years I: completed 2006

<ul style="list-style-type: none"> i. Build offices in arena for Leisure Services with insulated floors and walls j. Replace thermal blankets for pool with solar blankets 		J: completed 2013
<p>2. Visitor Information Centre Upgrades</p> <ul style="list-style-type: none"> a. Replace outdoor lighting from incandescent to halogen b. Spray foam insulation c. New Roof d. Windows repaired e. Electrical system updated f. Install new heat pump 	<p>Lead: Facilities, Economic Development and Tourism Support: Environment Committee</p>	<p>A: completed 2008 B: completed 2011 C: completed 2011 D: completed 2022 E: completed 2011 F: scheduled completion for 2023</p>
<p>3. Lighthouse River Centre Upgrades</p> <ul style="list-style-type: none"> a. Timers on bathroom lights b. LED lights installed 	<p>Lead: Facilities, Economic Development and Tourism Support: Environment Committee</p>	<p>A: completed 2014 B: completed 2014</p>
<p>4. Equipment Depot Upgrades</p> <ul style="list-style-type: none"> a. Replace high pressure sodium lights with T8 fluorescent bulbs 	<p>Lead: Facilities, Public Works and Utilities Support: Environment Committee</p>	<p>A: ongoing project; installations are on an as-needed basis</p>
<p>5. Gaol (jail)</p> <ul style="list-style-type: none"> a. New windows and doors b. New roof c. Install multi-head heat pump 	<p>Lead: Facilities, Planning, Engineering and Development Support: Environment Committee</p>	<p>A: completed 2014 B: completed 2011 C: completed 2020</p>

Resources

Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
<p>Municipal Plan</p> <p>3.1.4 #3 - it is proposed that Council implement corporate and support community initiatives that reduce the consumption of fossil fuels through improved systems and operational</p>	<p>Hampton's operational spending budget may limit the ability to complete some of these retrofits in a timely manner. In addition, there may be limited capacity and competing priorities of the municipality when it</p>	<p>Commercial Buildings Retrofit Program, Save Energy NB</p> <p>Clean Energy for Rural and Remote Communities</p>	<p>N/A</p>

<p>efficiencies (e.g., waste heat recovery, energy efficiency improvements), conservation, and fuel switching.</p> <p>4.5.2 #5 - It is proposed that Council employ sustainable practices and energy conservation measures in new and redeveloped facilities.</p> <p>4.6.1 #3 - To encourage the use of green building design standards including energy efficiency.</p>	<p>comes to building and operational maintenance.</p>		
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Goal #2: Retrofit Buildings to Increase Efficiency (Community)		
What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
<p>1. Residential</p> <ul style="list-style-type: none"> a. Directing residents to free energy audits b. New homes are encouraged to incorporate energy efficient options such as passive solar heating, lighting, green roofs, etc. 	<p>Lead: Planning, Engineering and Development, Communications</p> <p>Support: Council, Committees of Council (Environment, Leisure Services)</p>	<p>A: ongoing</p> <p>B: ongoing</p>
<p>2. Commercial</p> <ul style="list-style-type: none"> a. Green Economy New Brunswick b. New buildings are encouraged to incorporate energy efficient options such as green roofs, solar power, etc. 	<p>Lead: Planning, Engineering and Development, Communications</p> <p>Support: Council, Committees of Council (Environment, Leisure Services), Hampton Area Chamber of Commerce</p>	<p>A: 3-5 years</p> <p>B: 0-12 months; ongoing</p>
<p>3. Industrial</p> <ul style="list-style-type: none"> a. Include local industries in Green Economy New Brunswick b. New buildings are encouraged to incorporate energy efficient options such as green roofs, solar power, etc. 	<p>Lead: Planning, Engineering and Development</p> <p>Support: Council, Committees of Council (Environment, Leisure Services)</p>	<p>A: 3-5 years</p> <p>B: 0-12 months; ongoing</p>

Resources			
Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
<p>Municipal Plan</p> <p>4.6.1 #3 - To encourage the use of green building design standards including energy efficiency</p>	<p>There may be limited capacity and other competing priorities of the municipality when it comes notifying Hampton's residents and making them aware of these options.</p> <p>Hampton can only encourage these actions, as they are not compulsory.</p>	<p>Commercial Buildings Retrofit Program, Save Energy NB</p> <p>Enhanced Energy Savings Program, Save Energy NB</p> <p>Total Home Energy Savings Program, Save Energy NB</p> <p>Canada Greener Homes Grant Residential Development Assistance Policy</p> <p>Hampton Storefront Improvement Grant</p> <p>Low Carbon Economy Fund</p>	<p>Update actions with new terminology from 'green building design' to 'energy efficient options'</p> <p>Changed measures with green business network to more relevant Green Economy New Brunswick.</p>

Goal #3: Reduce use, and increase efficiency in fleet vehicles (corporate)		
What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
a. New Zamboni with wider surfacing thus allowing for more ice coverage in less time	Lead: Public Works and Utilities, Facilities, Leisure Services: Parks Support: N/A	Completed 2021
b. All new vehicles purchased are up to Tier III Standards; consider hybrid vehicles/EV	Lead: Public Works and Utilities, Facilities, Leisure Services: Parks Support: N/A	Completed 2007
c. Adopt an anti-idling guideline	Lead: Public Works and Utilities, Facilities, Leisure Services: Parks Support: Environment Committee	0-12 months

Resources			
Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
<p>Municipal Plan</p> <p>6.3 The [PCP] program commits municipalities to take action against climate change through a five-milestone process that guides members in creating GHG inventories, setting realistic and achievable GHG reduction targets, developing local action plans, and implementing plans using specific, measurable actions to reduce emissions.</p>	<p>To reduce idling within the municipality, Hampton may want to consider incorporating additional traffic circles at intersections.</p> <p>To encourage anti-idling, signage in specific areas may help limit emissions by informing the public. Hampton's operational spending budget may limit the ability to install signage. In the absence of operational funding, consider educating the public on anti-idling through Hampton's social media platforms, website, etc.</p>	N/A	<p>Added the following wording to Action b.: 'consider hybrid vehicles/EV'</p> <p>Update wording from Action c.: 'anti-idling policy' to 'anti-idling guideline'</p>

Goal #4: Replace streetlights with LED bulbs (corporate)

What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
a. Replace streetlights with LED bulbs	Lead: Public Works and Utilities Support: N/A	Ongoing project; installations on as needed basis
b. Replace Christmas lighting with LED	Lead: Public Works and Utilities Support: N/A	Completed 2009

Resources			
Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
Municipal Plan 5.1.7 #1 – It is proposed that Council review the lighting of streets and municipal facilities to reduce light pollution and identify opportunities for energy conservation while maintaining public safety.	N/A	N/A	N/A

Goal #5: Compost and Recycle in Municipal buildings (corporate)

What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
a. Keep a compost receptacle in the kitchen of municipal buildings	Lead: All Departments Support: Facilities, Public Works and Utilities, Environment Committee	0-12 months; trial period
b. Hold an interdepartmental waste reduction challenge	Lead: All Departments Support: Facilities, Public Works and Utilities	0-12 months; trial period
c. Recycling program for municipal buildings	Lead: All Departments Support: Environment Committee	Ongoing

Resources			
Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
Municipal Plan 5.1.2 #7 - To encourage practice the three R's of Reduce, Reuse and Recycle within the Town's day-to-day operations.	A trial period will determine whether these actions are achievable in the long term.	N/A	Added Action c. as a separate action (originally merged with a.)

<p>5.1.6 #1 - It is proposed that the Town will continue to participate in the Fundy Region Solid Waste Commission in the disposal of waste, as well as composting and recycling programs.</p> <p>5.1.6 #3 - It is proposed that Council support federal and provincial initiatives in waste reduction and recycling.</p>			
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Goal #6: Work with the Regional Commission to Develop a Commuter Bus System				
What: Actions		Who: Department Lead and Others Involved		When: Timeline(s)
a. Conduct a Transportation Needs Assessment to identify areas for improvement/adequacy of transportation network	Lead: Leisure Services, Communications Support: N/A		3-5 years	
b. Provide incentives for people who ride the bus	Lead: Leisure Services, Communications Support: N/A		3-5 years	
c. Public education on money and emissions saved by riding the bus	Lead: Leisure Services, Communications Support: Environment Committee		3-5 years	
Resources				
Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan	
Municipal Plan 5.1.3 #9 - It is proposed that Council will direct the preparation of a Transportation Needs Assessment within the Town to address overall road maintenance and improvements, the need for additional parking in the core area, the provision of pedestrian facilities, car pool facilities, bike paths	Actions b. and c. are dependent on whether a new bus system is integrated. Previous experience operating a commuter bus became cost prohibitive. In addition, there was a decrease in the usage while the system was active.	Discussions at the regional level with the Regional Commission are required in order to achieve Action a.	Action a. was updated to ‘conduct a transportation needs assessment’ from ‘develop a bus transit system’. This update is the result of: ceased bus operations due to rising costs and decreased resident usage, and local governance reform, with participating regions wanting to prioritize a regional transit system.	

<p>and storage racks, and facilities for overnight and short-term parking of commercial vehicles. This study will recommend standards for new development.</p>	<p>Hampton’s Municipal Plan needs to connect policy to a regional commuter bus priority.</p> <p>Proposed Amendment:</p> <p>5.1.3 #9 - It is proposed that Council will direct the preparation of a Transportation Needs Assessment within the Town to address overall road maintenance and improvements, the need for additional parking in the core area, the provision of pedestrian facilities, car pool facilities, bike paths and storage racks, identify areas for improvement/adequacy of a regional transportation network, and facilities for overnight and short-term parking of commercial vehicles.</p>		<p>Removed ‘commuter challenge’ from action list.</p>
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Goal #7: Plant Trees to Sequester Carbon (community)

What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
<p>a. Plant trees in Hampton to sequester carbon</p>	<p>Lead: Leisure Services Support: Environment Committee, Planning Advisory Committee, Leisure Services Committee</p>	<p>Ongoing project; planted annually</p>
<p>b. Develop a tree planting plan</p>	<p>Lead: Leisure Services Support: N/A</p>	<p>3-5 years</p>

Resources

Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
<p>Municipal Plan</p> <p>3.2.2 #5 - It is proposed that Council update and maintain the Town’s Policy for Bushes, Trees and Branches of Trees on Public Lands with the objective of mitigating the loss of trees due to public works.</p> <p>3.2.2 #5 - It is proposed that Council update and maintain the Town’s Policy for Bushes, Trees and Branches of Trees on Public Lands with the objective of mitigating the loss of trees due to public works.</p> <p>3.2.2 #7 - It is proposed that Council develop a mechanism in the Zoning By—law to protect existing trees and for any trees that must be destroyed by development, implement mechanisms for their replacement.</p> <p>Zoning By-Law</p> <p>4.12.1 b) All new development on undeveloped land including residential development of three lots or more that is considered infilling may remove only such trees as directly impede the construction of buildings and services may be removed. Where any trees must be destroyed, the developer shall replace them to the satisfaction of the Town with trees of sufficient maturity to enhance the appearance of the development at the time it is completed.</p>	<p>Add tree requirements into the commercial areas of Hampton’s Zoning By-Law. Remove tree requirements in residential areas, which can be facilitated through the subdivision by-law.</p> <p>Proposed Amendment:</p> <p>4.12.1.1 a) ii) The owner of the lot being developed for residential purposes in residential zones shall landscape:</p> <p>ii. An area within 2 m of the main building and is encouraged to plant two trees (25 mm caliper) in the front yard.</p>	<p>2 Billion Tree Program</p> <p>Purchase a tree in memory of a loved one (Hampton) for the Town Square Pavilion</p> <p>TD Friends of the Environment Foundation Grant</p> <p>Partnership with a non-profit organization such as Kennebecasis Watershed Restoration Committee</p> <p>A GIS desktop mapping exercise could highlight areas in Hampton that could benefit from additional tree planting. Information could be incorporated into a tree planting plan (and determine tree species/how many, etc.). This could be done by a GIS student.</p>	<p>Added Action b.</p>

Goal #8: Install Electric Vehicle Charging Stations (community/corporate)

What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
a. Establish a list of eligible locations for electrical vehicle charging stations	Lead: Economic Development and Tourism, Public Works and Utilities, Facilities Support: N/A	0-12 months
b. Install EV charging stations at all municipal buildings: Visitors centre, town hall, river centre, multi-purpose centre, and community centre	Lead: Economic Development and Tourism, Public Works and Utilities, Facilities Support: N/A	Ongoing; two EV stations to be installed in 2023 at the visitors centre.
c. Engage businesses with parking spaces that will host EV stations	Lead: Economic Development and Tourism, Public Works and Utilities Support: N/A	1-2 years

Resources

Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
N/A	<p>Hampton's Municipal Plan requires a policy update for EV charging stations.</p> <p>Proposed Amendment: It is proposed that Council conduct an assessment for eligible locations across Hampton to electrical vehicle charging stations.</p> <p>Hampton's Zoning By-Law requires an update to include EV charging stations.</p> <p>Propose Amendment: "service station" means an establishment where fuel or lubricants are offered for sale via a gasoline bar or EV station, and may include minor automobile repair or</p>	<p>Green Infrastructure Funding Program</p> <p>Zero Emission Vehicle Infrastructure Program</p>	<p>This is a new goal, highlighted through 2022-2023 engagement with Hampton staff, Committees of Council, and Council.</p>

	<p>maintenance, sale of convenience items, or a car wash inside a building or structure, but shall not include a vehicle repair garage, a vehicle body and paint shop, vehicle sales and leasing, or a vehicle rental use.</p>		
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Goal #9: Promote Active Transportation in Hampton

What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
a. Develop Trans Canada Trail to link new and existing pedestrian trails	Lead: Leisure Services: Parks Support: Committees of Council (Public Advisory, Leisure Services)	Completed 2014
b. Install crosswalk lights on Main Street	Lead: Public Works and Utilities Support: Leisure Services, Committees of Council (Public Advisory, Leisure Services)	Completed 2009
c. Install roundabout at Centennial, Crawford, and Main St. intersection	Lead: Public Works and Utilities Support: Leisure Services, Committees of Council (Public Advisory, Leisure Services)	Completed 2010
d. Continue winter maintenance of sidewalks and trails	Lead: Public Works and Utilities, Leisure Services: Parks Support: Committees of Council (Public Advisory, Leisure Services)	Ongoing
e. Development will be designed to link existing or planned pedestrian, jogging and biking trails.	Lead: Public Works and Utilities, Leisure Services: Parks, Planning, Engineering & Development Support: Committees of Council (Public Advisory, Leisure Services)	Ongoing
f. Appropriately located bicycle facilities	Lead: Public Works and Utilities, Leisure Services Support: Committees of Council (Public Advisory, Leisure Services)	Ongoing; 0-12 months
g. Develop signage and way finding strategies for pedestrians and motorists	Lead: Public Works and Utilities, Leisure Services: Parks, Communications, Economic Development and Tourism Support: Committees of Council (Public Advisory, Leisure Services)	0-12 months

h. Maintain sidewalks/road shoulders to for safer pedestrian travel	Lead: Public Works and Utilities, Leisure Services Support: Committees of Council (Public Advisory, Leisure Services)	Ongoing
i. Explore certification requirements for Bicycle Friendly Communities (Share the Road)	Lead: Leisure Services: Parks Communications, Support: Committees of Council (Public Advisory, Leisure Services)	3-5 years
j. Promote Explore EcoNB app- shows trans Canada Trail through Hampton	Lead: Leisure Services: Parks, Communications Support: Committees of Council (Public Advisory, Leisure Services)	Completed
k. Public lands be secured by Council to offer recreation, walking trails and bicycle paths	Lead: Leisure Services: Parks, Communications Support: Committees of Council (Public Advisory, Leisure Services, Planning Advisory)	Ongoing; 1-2 years
l. Add Public land contribution to subdivision approval process	Lead: Leisure Services: Parks, Communications Support: Committees of Council (Public Advisory, Leisure Services, Planning Advisory)	Completed 2010

Resources

Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
<p>Municipal Plan</p> <p>3.2.2 #1 - It is proposed that Council continue efforts to create a vibrant Main Street through beautification and infrastructure improvements to the streetscape, provision of public spaces and appropriately located pedestrian, bicycle and parking facilities.</p> <p>3.2.2 #3 - It is proposed that Council develop a Signage and Wayfinding Strategy for pedestrian and motorists.</p> <p>3.2.3 #2 - It is proposed that Council support the Great Trail (formerly the TransCanada Trail) to serve as a key public access point to the waterway</p>	<p>Bike lane language in Hampton's Municipal Plan and Zoning By-Law needs to be updated to reflect more multi-modal options.</p> <p>Propose Amendment (Municipal Plan): Define 'active transportation'</p> <p>Propose Amendment (Zoning By-Laws): 7.2.5 k) The transportation impacts, including provision for access and parking, public transit and active transportation modes (multi-modal, i.e. walking, biking, etc.), and the adequacy of the proposal in meeting transportation needs is assessed;</p>	<p>Active Transportation Fund</p>	<p>Changed measure i. from 'achieve bicycle friendly communities' certification' to 'explore certification requirements'</p>

<p>and trails as well as an educational and interpretative venue catering to both residents and tourists.</p> <p>3.3.2 #2 h) - It is proposed that Council consider the following site elements when evaluating proposed amendments to the Municipal Plan and Zoning By-law: The transportation impacts, including provision for access and parking, public transit and active transportation modes, and the adequacy of the proposal in meeting transportation needs is assessed;</p> <p>4.5.2 #7 - It is proposed that Council develop facilities that are linked and reached by active transportation modes.</p> <p>4.5.2 #10 - It is proposed that sufficient and appropriately located public lands will be secured by Council, in order to offer a range of open space opportunities within the Town including parks, running and walking trails, bicycle paths and the conservation of natural areas.</p> <p>4.5.2 #11 - It is proposed that Council require as appropriate, that a public land contribution be made as part of the subdivision approval process.</p> <p>4.5.2 #12 - It is proposed that Council may take cash in lieu of the land contribution, where it is deemed that there is sufficient land in the immediate area of the new</p>	<p>Hampton's operational spending budget may limit the ability to install signage, additional bike racks, etc.</p> <p>There may be limited capacity and other competing priorities of the municipality.</p>		
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<p>development for public open space. The public land contribution may be utilized for a variety of passive or active recreation and conservation uses including playgrounds, natural parks and green spaces and corridors, trails, bicycle paths and access to waterways and lookouts. Land for public purposes will be in addition to and not include any protected areas.</p> <p>4.5.2 #13 - It is proposed that Council will direct the development of an interconnected trail system throughout the town which will be linked to the Great Trail.</p> <p>4.5.2 #15 c) - It is proposed that as part of the Parks, Open Space and Trails Plan, Council shall consider adopting a parks and open space hierarchy which may incorporate the following park and open space classifications: Linear Parks — active transportation links which connect key places and neighbourhoods to central community features.</p> <p>5.1.2 #3 - The ensure transportation options for vehicular, pedestrian and bicycle traffic will provide safe, reliable circulation within the Town.</p> <p>5.1.3 #1 - It is proposed that an Active Transportation Plan be developed to allow for and promote alternative forms of transportation throughout the town.</p>			
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<p>Zoning By-Law 7.2.5 k) New development or expansion of existing development which will result in 10 or more dwelling units, whether in a single development phase or as part of multiple development phases, may be permitted subject to terms and conditions of PAC in consideration of the following: The transportation impacts, including provision for access and parking, public transit and active transportation modes, and the adequacy of the proposal in meeting transportation needs is assessed;</p>			
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Goal #10: New Infrastructure Built Using 'Green' Building Design (corporate)		
What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
a. Investigate funding and feasibility of integrating renewable technologies into municipal facilities	Lead: Planning, Engineering and Development, Facilities, Leisure Services Support: N/A	Ongoing; 1-2 years
b. Integrate sustainable site design into Hampton planning and development approval processes	Lead: Planning, Engineering and Development, Facilities, Leisure Services Support: N/A	Ongoing; 3-5 years
c. Update Municipal Plan to incorporate energy efficient designs	Lead: Planning, Engineering and Development, Facilities, Leisure Services Support: N/A	Completed 2020
d. Explore new green infrastructure by-laws in other jurisdictions for industrial buildings	Lead: Planning, Engineering and Development, Facilities, Leisure Services Support: Environment Committee	1-2 years
e. Determine feasibility of new facility (multi-purpose facility)	Lead: Planning, Engineering and Development, Facilities, Leisure Services Support: N/A	Completed. Construction expected to be completed in 2023

Resources

Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
<p>Municipal Plan</p> <p>4.6.1 #3 - To encourage the use of green building design standards including energy efficiency.</p> <p>4.6.2 #6 - It is proposed that green building standards be included within new municipal institutional development.</p> <p>5.1.2 #8 - To explore opportunities to integrate renewable/alternative energy sources into infrastructure and operations.</p> <p>5.1.7 #4 - It is proposed that Council may investigate funding for and the feasibility of opportunities to integrate renewable energy and energy storage technologies into municipal infrastructure systems and / or municipally owned facilities.</p> <p>Balanced Development Goals (pg 36): To integrate sustainable site design considerations into Town development approval processes.</p> <p>Municipal Services and Governance Goal (pg 37): To explore opportunities to integrate renewable/alternative energy sources into infrastructure and operations.</p>	<p>The Municipal Plan, as it is currently written, encourages and proposes the exploration and use of green building design standards; it is not mandatory.</p> <p>Consider whether the Zoning By-Laws require amendments to support the policies in the Municipal Plan.</p>	<p>Green Infrastructure Funding Stream</p>	<p>Removed 'building codes' and 'by-laws' from Action c.</p> <p>Removed action 'draft a zero-infrastructure policy' because of its difficulty to achieve; unrealistic goal in a growing municipality.</p> <p>Added Action d.</p> <p>Moved Action e. from Goal #1 to Goal #10.</p>

Goal #11: Educate the Public on Energy Efficiency, Renewable Technologies, and Water Conservation (community)

What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
a. Provide information on Efficiency NB energy upgrade incentives and alternative energy systems	Lead: Planning, Engineering and Development, Communications Support: Environment Committee	1-2 years
b. Personal carbon footprint calculator on Hampton website (link to)	Lead: Planning, Engineering and Development, Communications Support: Environment Committee	0-12 months
c. Promote environmental education via grassroots organizations that host environmental speakers and by showing documentaries in community theater, town square	Lead: Planning, Engineering and Development, Leisure Services, Economic Development Support: Environment Committee	0-12 months; ongoing
d. Climate change 'toolkit': provide light bulb, pamphlet, cold water detergent, tree, recycled toilet paper, etc.	Lead: Planning, Engineering and Development, Communications Support: Environment Committee	0-12 months
e. Climate change section for community guide/ website	Lead: Planning, Engineering and Development, Communications Support: Environment Committee	1-2 years
f. Promote use/provide discount on rain barrels	Lead: Planning, Engineering and Development, Communications Support: Environment Committee	Completed; kennebecasis watershed restoration committee
g. Include wastewater information section on Hampton website	Lead: Planning, Engineering and Development, Communications Support: Environment Committee	1-2 years
h. Explore incentives for residents to transition to energy efficient technologies	Lead: Planning, Engineering and Development, Communications Support: Environment Committee	1-2 years
i. Secure funding to support renewable technologies in the community	Lead: Planning, Engineering and Development, Communications Support: Environment Committee	3-5 years

Resources			
Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
<p>Municipal Plan</p> <p>3.1.2 #1 - It is proposed that Council work with the provincial government, adjacent local government bodies and interest groups to develop and deliver programs to assist in the conservation and protection of groundwater and surface water resources.</p> <p>3.1.2 #5 - It is proposed that Council encourage community participation in water resources management to promote awareness and stewardship including source water protection, watershed management, water quality management, water conservation, and water pollution prevention.</p> <p>5.1.7 #2 - It is proposed that Council may develop and / or support programs and initiatives that increase the community's knowledge of and access to renewable energy technologies.</p>	<p>All responsible developments need to be able to coordinate their capacity in order to achieve these actions.</p> <p>Hampton's website, social media pages, etc. require regular updates to educate residents on Goal 11. In addition, Actions c. and d. require future and ongoing scheduling.</p>	<p>TD Friends of the Environment Foundation Grant</p>	<p>Removed the following Actions:</p> <ul style="list-style-type: none"> - NB Climate Futures (vague) - Survey to Monitor Participation (vague) - Promote 'Bullfrog Power' to purchase renewable energy for NB's electrical grid <p>Changed Action e. from 'newsletter' to 'community guide/website' as those are better sources to use.</p> <p>Removed goal 'educate public about wastewater' and subsequent Actions and combined in Goal #11 (Actions f. and g.).</p>

Goal #12: Replace Old Wastewater Pumps (corporate)

What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
a. Replace old pumps	Lead: Public Works and Utilities Support: N/A	Ongoing; replacements occur on an as-needed basis

Resources

Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
N/A	N/A	N/A	N/A

Goal #13: Develop a Pollution Prevention and Recycling Strategy

What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
a. Develop a pollution prevention and recycling strategy	Lead: Public Works and Utilities: Solid Waste Support: Environment Committee, Public Works and Utilities Advisory Committee	1-2 years
b. Limit bi-weekly garbage pickup to one large container per household	Lead: Public Works and Utilities: Solid Waste Support: N/A	Partially completed 2010 (Ward 2)
c. Provide information from Fundy Solid Waste	Lead: Public Works and Utilities: Solid Waste Support: N/A	Completed 2012; ongoing
d. Implement curb-side pick up recycling program	Lead: Public Works and Utilities: Solid Waste Support: N/A	Partially completed 2023 (Wards 1 and 3)
e. Develop incentives for residents to separate garbage from compost and recyclables or incentivize residents to bring recyclables to community blue bins	Lead: Public Works and Utilities: Solid Waste Support: Environment Committee, Public Works and Utilities Advisory Committee	3-5 years
f. Add recycling bins to Hampton's public areas	Lead: Public Works and Utilities: Solid Waste Support: N/A	3-5 years

Resources

Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
<p>Municipal Plan</p> <p>5.1.2 #7 - To encourage practice the three R's of Reduce, Reuse and Recycle within the Town's day-to-day operations.</p> <p>5.1.6 #1 - It is proposed that the Town will continue to participate in the</p>	<p>Consider Action b. for Wards 1 and 3.</p> <p>Recycling in Hampton is going to become privatized. Hampton staff will have to consider how that change could impact achievement of this goal.</p>	N/A	<p>Removed goal regarding solid waste and incorporated Actions b. and c. to Goal #13.</p> <p>Added Actions d., e., and f. as a result of 2023 engagement.</p>

<p>Fundy Region Solid Waste Commission in the disposal of waste, as well as composting and recycling programs.</p> <p>5.1.6 #2 - It is proposed that Council develop a Pollution Prevention and Recycling Strategy for the Town with input from and consultation with the Town's residents and businesses.</p>	<p>Some actions in Goal #13 require periodic reminders.</p>		
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Goal #14: Promote Food Gardens for Hampton Households (community)

What: Actions	Who: Department Lead and Others Involved	When: Timeline(s)
a. Community garden	Lead: Environment Support: Planning, Engineering and Development, Communications, Planning Advisory Committee	Completed 2008; ongoing
b. Encourage food gardens for households with lawns	Lead: Environment Support: Planning, Engineering and Development, Communications, Planning Advisory Committee	1-2 years
c. Promote local farmers markets	Lead: Environment Support: Planning, Engineering and Development, Communications, Planning Advisory Committee	Completed.

Resources

Supporting Policies/By-Laws	Potential Obstacles	Financial & Other Resources Available/Required	Variations from 2014 Local Action Plan
<p>Zoning By-Law</p> <p>4.1 a) – Nothing in this By-Law shall prevent the use of any land for: community garden</p> <p>Municipal Plan</p> <p>4.7.1 #2 - To promote initiatives which will lead to self-sufficiency in food supply.</p>	<p>Retain agricultural lands through Hampton’s Municipal Plan and Zoning By-Law.</p> <p>To enable food gardens in the front yard, the fencing By-Law requires amendment (allow for deer fence, under 6 feet).</p> <p>Propose Amendment:</p> <p>5.1.2 a) Except for a security fence of chain link or wrought iron</p>	<p>N/A</p>	<p>Removed goal ‘promote reducing kilometres travelled’ to Goal #14.</p> <p>Added Action b. and c.</p>

<p>4.7.2 #2 - It is proposed that Council promote self-sufficiency in agriculture and food production.</p> <p>4.7.2 #3 - It is proposed that Council consider the development of an Urban Farming policy</p>	<p>construction, no fence in a required front yard may exceed 1.5 1.83 m in height;</p> <p>As per Zoning By-Law 5.5 b) viii, the sale of eggs is not permitted. To encourage self-sufficiency in a community, a By-Law could be added to allow for the sale of eggs and other fruits/vegetables, such as: Farm sales are permitted in all zones. However, there may be provincial requirements to consider.</p> <p>In 2021, Council directed staff to establish an Urban Farm Policy Working Group to:</p> <ul style="list-style-type: none"> - Develop a framework or vision for the Urban Farming Policy; and - Develop a plan for public engagement and demonstrate support for the proposal. <p>This group has yet to be established. Should this group be established, this group could champion additional local farms sales within the municipality.</p>		
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Appendix C

Monitoring Data Request Form

Community Inventory

1. Please provide the following energy use for Residential Sector:

Fuel Type	Units	2021 Calendar Total Use
Electricity	kWh	
Natural Gas	m ³	
District Energy	GJ	
Fuel Oil	L	
Diesel	L	
Propane	L	
Total		-

Required Information:

- Electricity purchase information
 - Best information source would be monthly electricity bills or invoices by meter or facility provided by supplier
- Fuel purchase information
 - Best information source would be monthly fuel consumption data by meter or facility provided by supplier

2. Please provide the following energy use for Commercial Sector:

Fuel Type	Units	2021 Calendar Total Use
Electricity	kWh	
Natural Gas	m ³	
District Energy	GJ	
Fuel Oil	L	
Diesel	L	
Propane	L	
Total		-

Required Information:

- Electricity purchase information
 - Best information source would be monthly electricity bills or invoices by meter or facility provided by supplier
- Fuel purchase information
 - Best information source would be monthly fuel consumption data by meter or facility provided by supplier

3. Please provide the following energy use for industrial Sector:

Fuel Type	Units	2021 Calendar Total Use
Electricity	kWh	
Natural Gas	m ³	
District Energy	GJ	
Fuel Oil	L	
Diesel	L	
Propane	L	
Total		-

Required Information:

- Electricity purchase information
 - Best information source would be monthly electricity bills or invoices by meter or facility provided by supplier
- Fuel purchase information
 - Best information source would be monthly fuel consumption data by meter or facility provided by supplier

4. For Vehicle usage, we have historically based our calculation on the total number of households in Hampton in 2021. However, if we could have number of households and number of vehicles per household, we could better refine our emissions.

2013	1669
New Single Family Dwelling	112
New Apartments/Condos	48
2021 TOTAL	1829

5. Please indicate the total waste disposed in 2021 for all Hampton Landfills (tonnes).

Required Information:

- Amount of waste disposed (by type of waste i.e. plastics, paper, etc)
- Disposal method (landfill, recycled, etc.)
- Best information source would be records from waste service provider. (i.e. weigh scales)

6. Please indicate the projected growth for Town of Hampton over the next 10 years.

Corporate Inventory

1. Please provide the following energy consumption for each owned and operated building or a total for all buildings owned by Hampton:

Fuel Type	Units	2021 Calendar Total Use
Electricity	kWh	
Natural Gas	m ³	
District Energy	GJ	
Fuel Oil	L	
Diesel	L	
Propane	L	
Total		-

Required Information:

- Electricity purchase information
 - Best information source would be monthly electricity bills or invoices by meter or facility provided by supplier
- Fuel purchase information
 - Best information source would be monthly fuel consumption data by meter or facility provided by supplier

2. Please provide the follow information for each owned and/or operated fleet vehicles (this can include leased vehicles). Please include all heavy duty vehicles and/or maintenance vehicles (i.e. riding lawn mowers, tractors, etc.)

Required Information:

- Make and Model of vehicle;
- Specify on-road or non-road vehicle;
- Year of vehicle;
- Distance travelled in 2021; and/or
- Type of fuel and total quantity consumed in 2021.

3. Do you operate emergency generators at any of your facilities? If so, please provide the following information:

Required Information:

- Emergency generator capacity (i.e. 600 kw, etc.);
- Hours of operation in 2021; and/or
- Type of fuel and fuel consumed in 2021.
 - Best information source is monthly consumption data provided by supplier.

4. Please provide the electricity consumption for each streetlight group or a total for all street lights owned by Hampton.

Required Information:

- Electricity information for streetlights
 - Best information source would be monthly electricity consumption data from supplier
 - Asset management system indicating numbers of street lights, locations, operation schedule

5. If not included in question 1, please provide the following energy consumption for the each owned and operated water and sewage plants owned by Hampton:

Fuel Type	Units	2021 Sewage Lagoon	2021 Water Supply Building
Electricity	kWh		
Natural Gas	m ³		
District Energy	GJ		
Fuel Oil	L		
Diesel	L		
Propane	L		
Total		-	-

Required Information:

- Electricity purchase information
 - Best information source would be monthly electricity bills or invoices by meter or facility provided by supplier
- Fuel purchase information
 - Best information source would be monthly fuel consumption data by meter or facility provided by supplier

6. Please indicate how much waste (produced corporately) was sent to landfill in 2021 (tonnes of waste).

Required Information:

- Amount of waste disposed (by type of waste i.e. MSW, plastics, paper, etc)
- Disposal method (landfill, recycled, etc.)

7. Do you have a list of all air conditioning units at all your building locations? If so, please provide a list of all units (Make and model if available). In addition, do you track maintenance records for these units? If so, can you provide a copy of them?

Required Information:

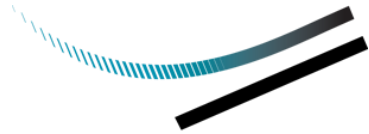
- Type of refrigerant, make and model of unit
- Refrigerant capacity

Hampton – GHG Information Request

- Maintenance and inspection records for AC units, work orders, invoices from contractors who service the equipment

Appendix D

Engagement Plan



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TOWN OF HAMPTON

ENGAGEMENT PLAN

Partners for Climate Protection Program Milestones 4 and 5



December 2022 – 22-5275

December 16, 2022

Town of Hampton
648 Main Street
Hampton, NB
E5N 8H1

Attention: Richard Malone
Town of Hampton Chief Administrative Officer

***Town of Hampton Engagement Plan – Partners for Climate Protection (PCP)
Program Milestones 4 and 5***

Please find below the Engagement Plan for the PCP Program Milestones 4 and 5. This Engagement Plan highlights the methods that will be utilized for the completion of Milestones 4 and 5 over the next several months.

Sincerely,

DILLON CONSULTING LIMITED

A handwritten signature in black ink, appearing to read 'AV', with a long horizontal flourish extending to the right.

Alana Vigna
Project Manager & Planner

cc: Environmental Committee (Town of Hampton)

Our file: 22-5275

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1.0 Introduction

1.1 Engagement Goal

Provide fulsome, inclusive, and equitable engagement that informs the completion of Milestones 4 and 5 (the Project) of the *Federation of Canadian Municipalities’ Partners for Climate Protection (PCP) Program* for the Town of Hampton to ensure the work is representative of the community it is intended to serve.

1.2 Engagement Objectives

The engagement objectives for the Project are to:

- Collaborate with key community groups and stakeholders in updating policies and creating frameworks as part of the PCP Program.
- Inform stakeholders about the Project and update background information through technical analysis as completed by the Project Team;
- Inform and consult with citizens, and gather feedback regarding how the Town of Hampton can continue to reduce its greenhouse gas emissions; and
- Involve key community groups and stakeholders to ensure feedback received has been clearly understood and incorporated, as appropriate, throughout the Project.

1.3 Engagement Principles

The following principles will guide our process and inform the public engagement objectives and techniques deployed throughout the five phases of engagement:

- **Educational:** Building awareness and informing key community groups, stakeholders, and citizens about the purpose of the PCP Program;
- **Open and Transparent:** Providing a visible and transparent process for developing the Project which is easily understood;
- **Inclusive:** Reaching out to a variety of people and organizations, with the philosophy that everyone has the right to be involved;
- **Clear and Concise:** Provide accessible, plain-language writing and graphic materials that are tailored to the audience they serve; and
- **Available:** Provide opportunities for stakeholders to participate.

1.4

Implementation

This document was updated with input received from the Town of Hampton staff. The Engagement Plan may be updated as needed to adhere to strict quality control measures. COVID-19 is still present and requires consideration when conducting engagement. For any in-person events, Dillon’s approach is to adapt and be responsible to public health recommendations and encourage masking. Dillon will ensure the health and safety of staff, Town of Hampton staff, and the public is prioritized.

2.0 Methods

The following section outlines the different engagement methods to be used throughout the Project. These methods will engage the public, stakeholders, the Town of Hampton Council and Staff, the Environment Committee, and other Committees of Council.

2.1 Environment Committee

The Environment Committee is one of the Town of Hampton’s Committees of Council responsible for advising Council on subdivisions and all matters related to the natural environment and long-term planning and policy development with regards to air, soil, water, light, and noise pollution. The Committee has been involved in the Town of Hampton’s PCP Program work since the completion of Milestone 1.

The Town of Hampton staff will act as a liaison between the Environment Committee and Dillon and seek direction from the Committee when necessary.

2.2 Workshops

A workshop with municipal departmental leaders and community partners will be facilitated by Dillon. The workshop will consist of group discussions with the goal of developing an implementation plan for the updated Local Action Plan. The workshop will occur after the assessment of the Local Action Plan against the 2020 Municipal Plan and 2021 Zoning By-law.

2.3 Online Survey

An online survey will be utilized in January and February 2023 to gauge public opinion and interest in different Project-related topics. The survey will be formatted using a combination of multiple choice, scaled-response, positive - negative reaction, and short-response questions. The survey will be available through a dedicated website managed by the Town staff and regularly updated with information on how to stay engaged.

2.4 Online and Social Media

Utilizing virtual methods of engagement is an optimal method to reaching as many citizens as possible. The Project will be promoted through the Town of Hampton’s social media accounts in conjunction with the Town of Hampton’s communications staff. All materials will be vetted by the Project Team before uploading or posting.

3.0 Engagement

3.1 Set-up

There are several engagement-related tasks that will occur throughout the life of the Project. Dillon will work collaboratively with the Town of Hampton staff to ensure the engagement trajectory is consistent with expectations.

Table 1: Proposed Preliminary Tasks

Task	Description	Timeline
Meeting with the Environment Committee	To provide a project update and ongoing work related to milestones 4 and 5	December 7, 2022
Additional Meetings with the Environment Committee	To provide project updates and touch base.	As needed
Community Partner Workshop	Workshop with department leaders and community partners to identify actions and responsibilities broken into short, medium, and long-term deliverables and timelines. This may be broken into two: one with staff and one with committees	January 31, 2023, TBD
Online Survey	General public questionnaire	January to February, 2023
Council meetings	Address council to provide overview of project deliverables and a project update over the course of two meetings	February 14 & March 14, 2023
Wrap-Up Presentation	Project Team will deliver a final presentation; Town of Hampton to confirm attendees	April 2023

3.2 Engaging the Environment Committee

Stakeholder Group: Environment Committee

Role: Advisory

Goal: Recap the progress to date and determine the best methods of engaging the Committee; confirm next steps, and address the following questions:

- a) Can the Environment Committee recommend community experts for upcoming engagement necessary for completing Milestones 4 and 5?
- b) Does the Environment Committee have recommendations on what to include in the Final Report?
- c) Does the Environment Committee have recommendations/preferences for the online survey?

The Town of Hampton staff will act as a liaison between the Project Team and the Committee following the initial engagement meeting. The Committee will also aid in providing feedback on the Local Action Plan. An update will be provided to the Environment Committee on the Project in January or February, 2023.

3.3 Community and Stakeholder Engagement

Community Engagement Groups: Open to the public

Objective: As part of this process, a confidential survey questionnaire will be developed aiming to capture relevant information but also to inform the public further about the initiative. The scope of the engagement will include:

- Gather suggestions on methods of emission reduction at the community level as well as the corporate level;
- Insights into the travel and general behavioural habits of citizens, i.e.: *how many trips via private car, active transportation (walking, bicycling), transit per week? What would help you use active transportation more? Do you use energy efficient lights/heat pumps at home? What can be done to encourage this? Do you compost/recycle? What can be done to encourage this?*
- Gather feedback on proposed actions and related potential challenges;
- Obtain insights into the impacts of climate change at the individual level.

Following the questionnaire, a summary document will be prepared containing key findings, which can be made available to the public.

Stakeholder Engagement Groups: Environment Committee, Town of Hampton staff

Objective: The goal for this workshop is to gather feedback on the 2014 Local Action Plan and discuss any changes and updates as well as suggestions.

3.4 Community Partner Workshop(s)

Community Partners: Environment Committee, Public Works Advisory and Utilities Committee, Finance Committee, Economic Development and Tourism Committee, Health Care Committee, Leisure Services Advisory Committee, and the Planning Advisory Committee

Department Leaders: Senior Staff from Economic Development and Tourism, Planning and Development, Public Works, Leisure Services, Facilities, Communications and Legislative Services, Finance, Human Resources

Objective: Dillon will aim to facilitate two workshops: one with Town of Hampton staff (directors and senior staff) and one with the relevant Committees of Council members. Each workshop will be designed

with the purpose of identifying actions and responsibilities broken down into short, medium, and long-term timelines, to develop Milestone 4 of the PCP Program (i.e. actioning the Local Action Plan). It is important for community leaders to understand the infrastructure funding implications as some measures such as sustainable transportation investments will require government funding. Other mechanisms to ensure success include engaging the property assessed clean energy (PACE) program; energy rebate program and non-financial building incentives. These form the pillars of climate action:

- Buildings (as mentioned);
- Transportation (Demand-responsive transit, electric car sharing programs, road diet);
- Land-use (transit-oriented development, smart-growth principles, etc.);
- Waste (pay-as-you-throw, and recycling programs); and
- Development of agriculture, resources and tourism (sustainable forestry, biogas, and tourism that acknowledges both positive and negative social and environmental externalities).

Working to address the action items will clarify what role the Council, local MLA's, Town of Hampton staff, as well as Committees of Council will have to ensure sustained success and long-term implementation of the PCP Program.

3.5 Council Meetings

During the Council meetings of February 14 and March 14, 2023, the Project Team will provide an update of project deliverables and progress to date as well as field any questions Councillors may have about the Project.

3.6 Wrap-Up Presentation

As requested during the Project's kick-off meeting, Dillon will provide a wrap-up presentation once Milestones 4 and 5 have been completed. This will serve as a bookend to the Project's goals and deliverables enabling Town staff and stakeholders to engage in the project one last time to ensure aims have been met.

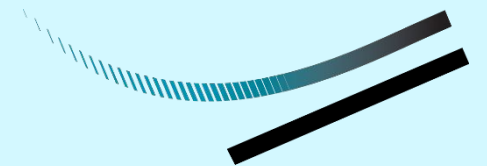
Appendix E

Environment Committee Engagement Presentation

Town of Hampton: PCP Milestones 4 and 5

Meeting with Environment Committee

December 7, 2022



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PCP Program Milestones

MILESTONE 1:
CREATING AN INVENTORY



MILESTONE 2:
SETTING A TARGET



MILESTONE 3:
DEVELOPING A PLAN



MILESTONE 4:
IMPLEMENTING A PLAN



MILESTONE 5:
MONITORING THE IMPACT



ADVANCING THE COMMITMENT

Project Deliverables & Environment Committee

1	Background Report & Data Inventory
2	Assess Local Action Plan & Emissions Reduction Targets
3	Integrating the Local Action Plan into Policy
4	Monitoring & Reporting Framework
5	Final Report

1	Review 2014 Local Action Plan	Due: December 16, 2022
2	Online Survey	January-February 2023
3	Participate in Community Partner Workshop	Suggested: January 31, 2023
4	Act in advisory capacity	Ongoing; January/February 2023

Questions?

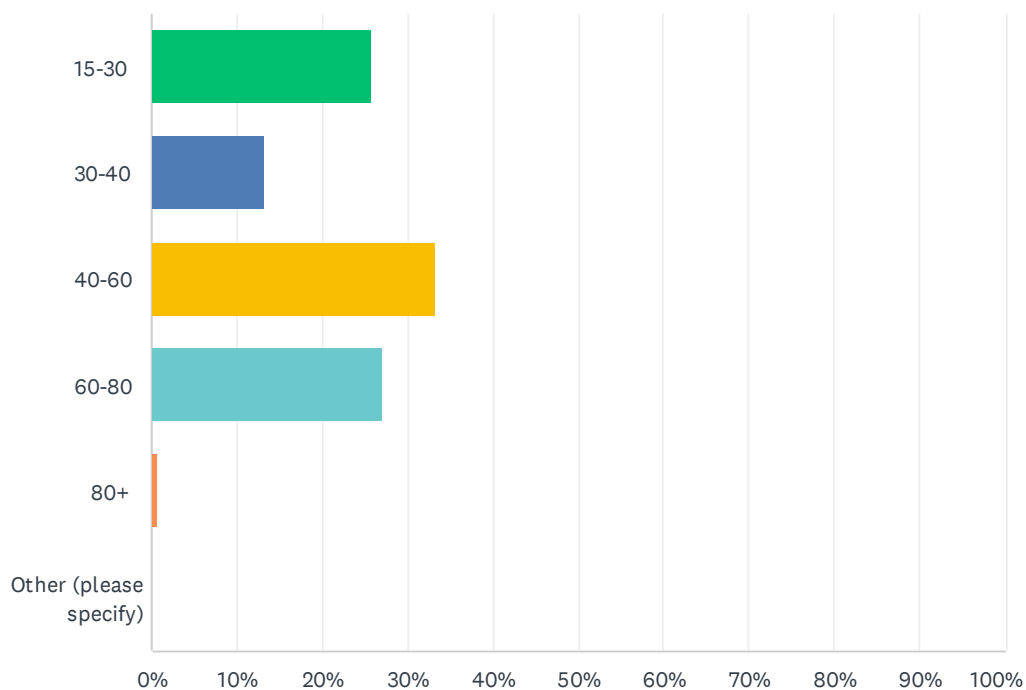
For more information on the Partners for Climate Protection Program, visit: <https://www.pcp-ppc.ca/>

Appendix F

Public Survey Results

Q1 Age

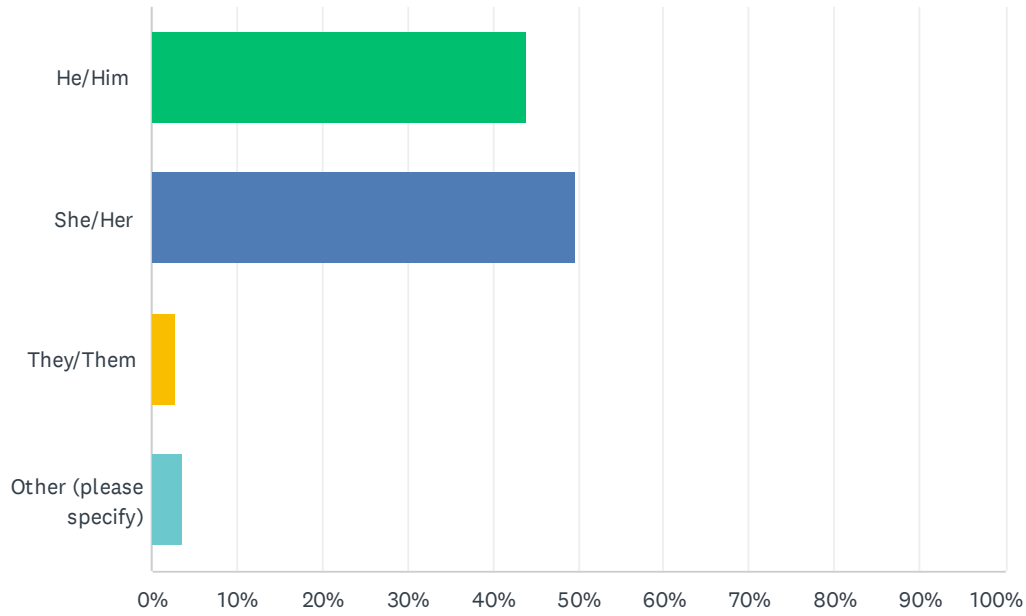
Answered: 144 Skipped: 0



ANSWER CHOICES	RESPONSES	
15-30	25.69%	37
30-40	13.19%	19
40-60	33.33%	48
60-80	27.08%	39
80+	0.69%	1
Other (please specify)	0.00%	0
TOTAL		144

Q2 Preferred Pronouns

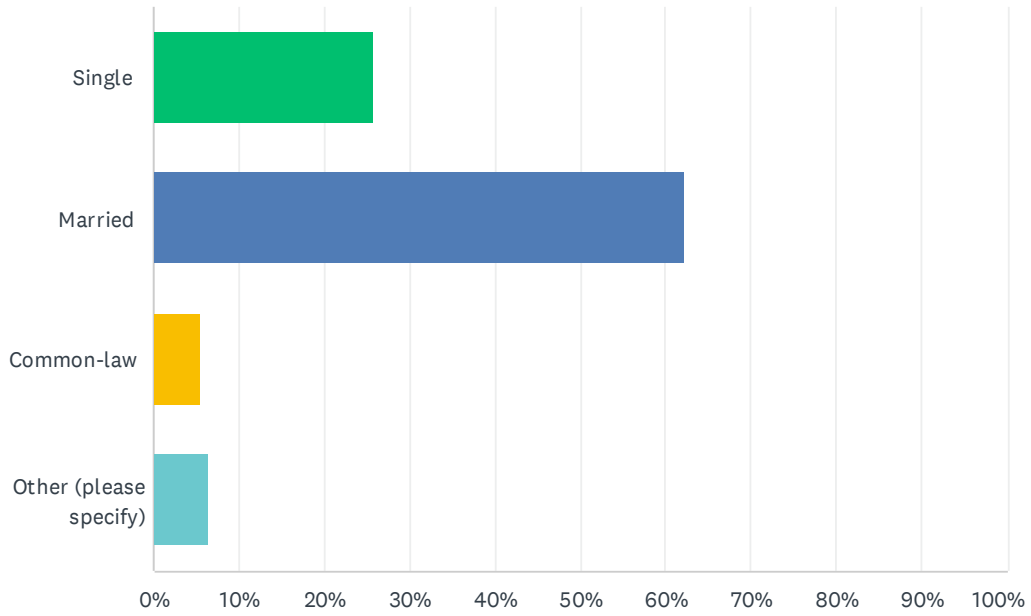
Answered: 141 Skipped: 3



ANSWER CHOICES	RESPONSES	
He/Him	43.97%	62
She/Her	49.65%	70
They/Them	2.84%	4
Other (please specify)	3.55%	5
TOTAL		141

Q3 Marital Status

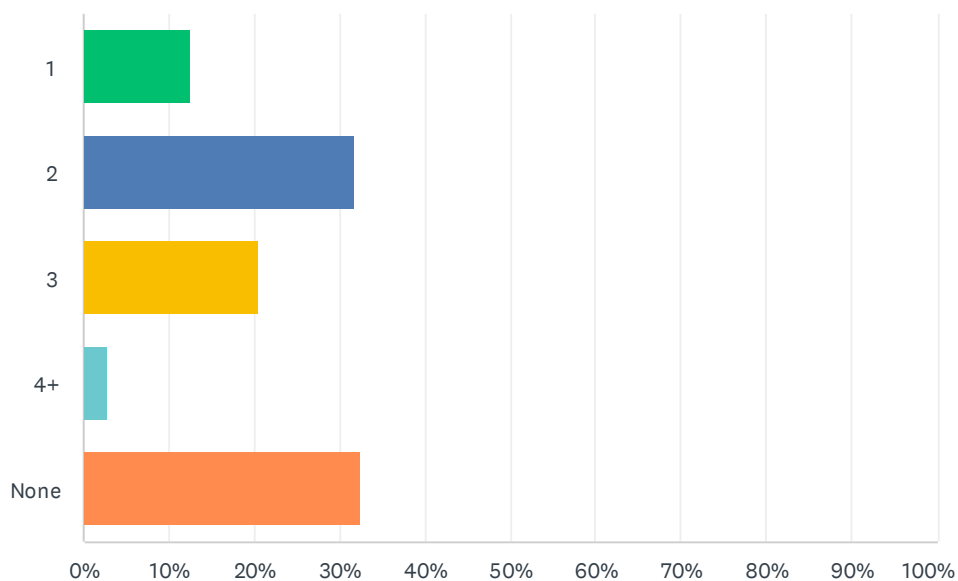
Answered: 143 Skipped: 1



ANSWER CHOICES	RESPONSES	
Single	25.87%	37
Married	62.24%	89
Common-law	5.59%	8
Other (please specify)	6.29%	9
TOTAL		143

Q4 Parental Status (number of children)

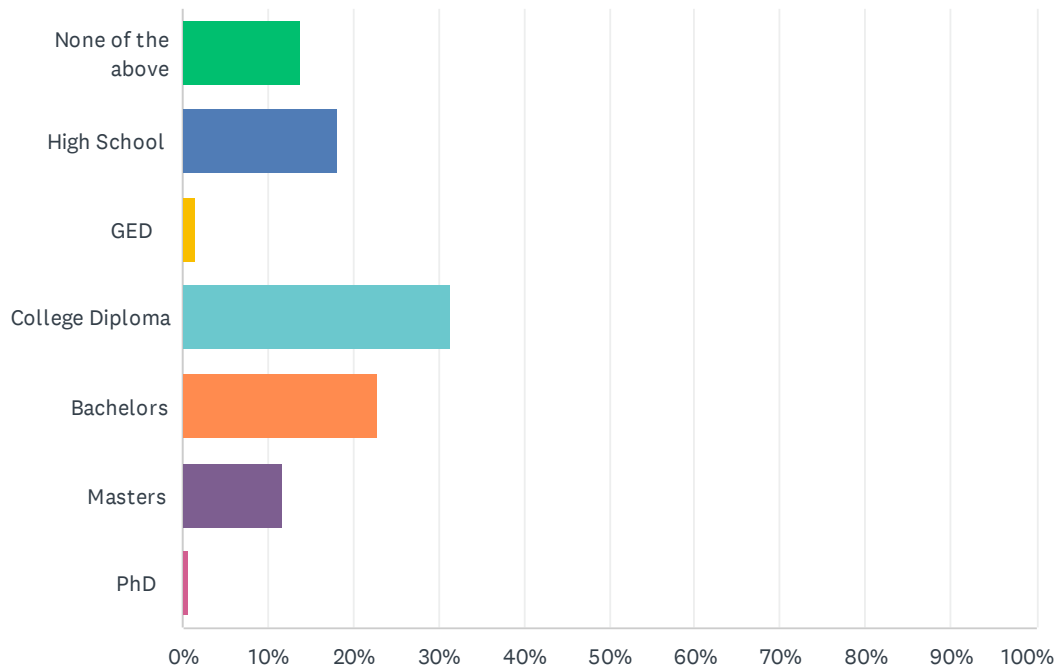
Answered: 142 Skipped: 2



ANSWER CHOICES	RESPONSES	
1	12.68%	18
2	31.69%	45
3	20.42%	29
4+	2.82%	4
None	32.39%	46
TOTAL		142

Q5 Highest Level of Education Completed

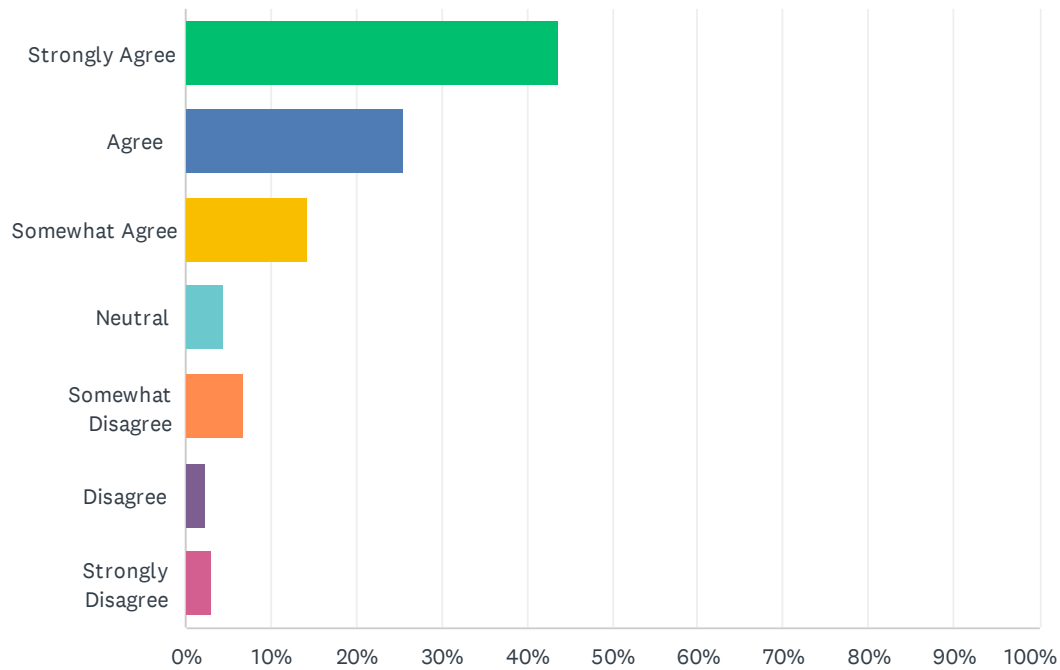
Answered: 144 Skipped: 0



ANSWER CHOICES	RESPONSES	
None of the above	13.89%	20
High School	18.06%	26
GED	1.39%	2
College Diploma	31.25%	45
Bachelors	22.92%	33
Masters	11.81%	17
PhD	0.69%	1
TOTAL		144

Q6 Human behavior is causing climate change

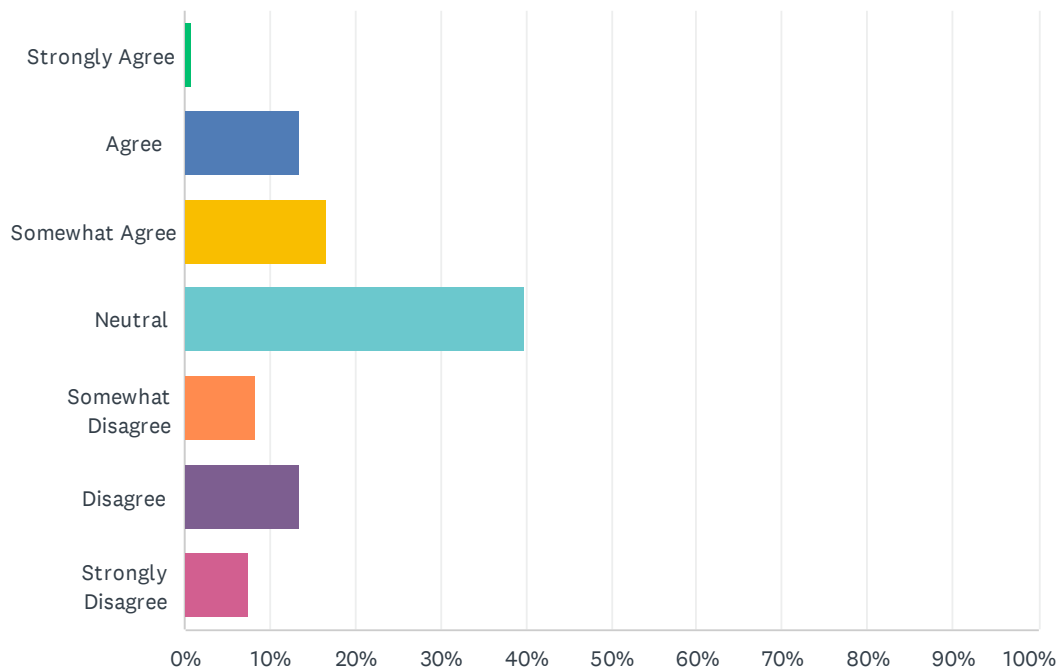
Answered: 133 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly Agree	43.61%	58
Agree	25.56%	34
Somewhat Agree	14.29%	19
Neutral	4.51%	6
Somewhat Disagree	6.77%	9
Disagree	2.26%	3
Strongly Disagree	3.01%	4
TOTAL		133

Q7 I am noticing changes in how the town of Hampton operates to reduce its emissions

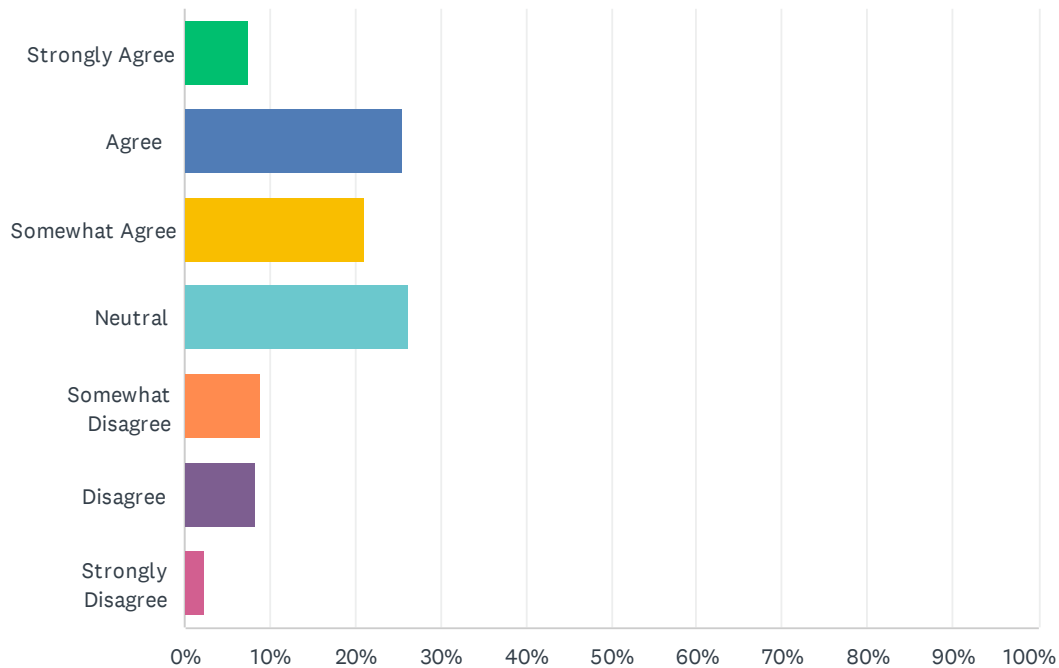
Answered: 133 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly Agree	0.75%	1
Agree	13.53%	18
Somewhat Agree	16.54%	22
Neutral	39.85%	53
Somewhat Disagree	8.27%	11
Disagree	13.53%	18
Strongly Disagree	7.52%	10
TOTAL		133

Q8 Hampton's operational and capital spending must change to reduce emissions

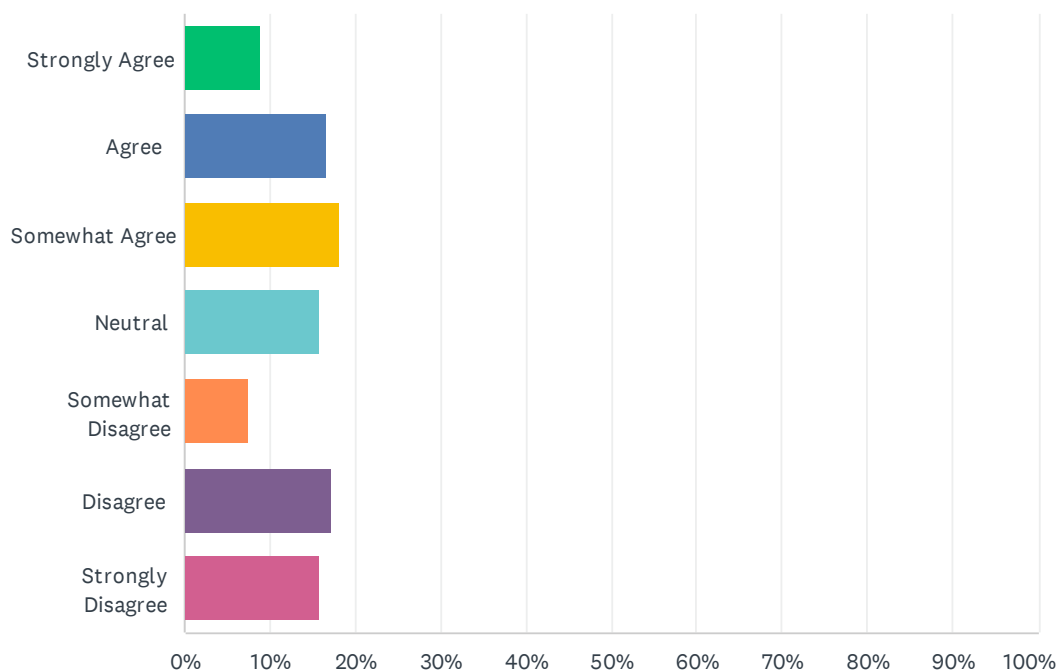
Answered: 133 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly Agree	7.52%	10
Agree	25.56%	34
Somewhat Agree	21.05%	28
Neutral	26.32%	35
Somewhat Disagree	9.02%	12
Disagree	8.27%	11
Strongly Disagree	2.26%	3
TOTAL		133

Q9 Concerns about climate change impacts my mental health

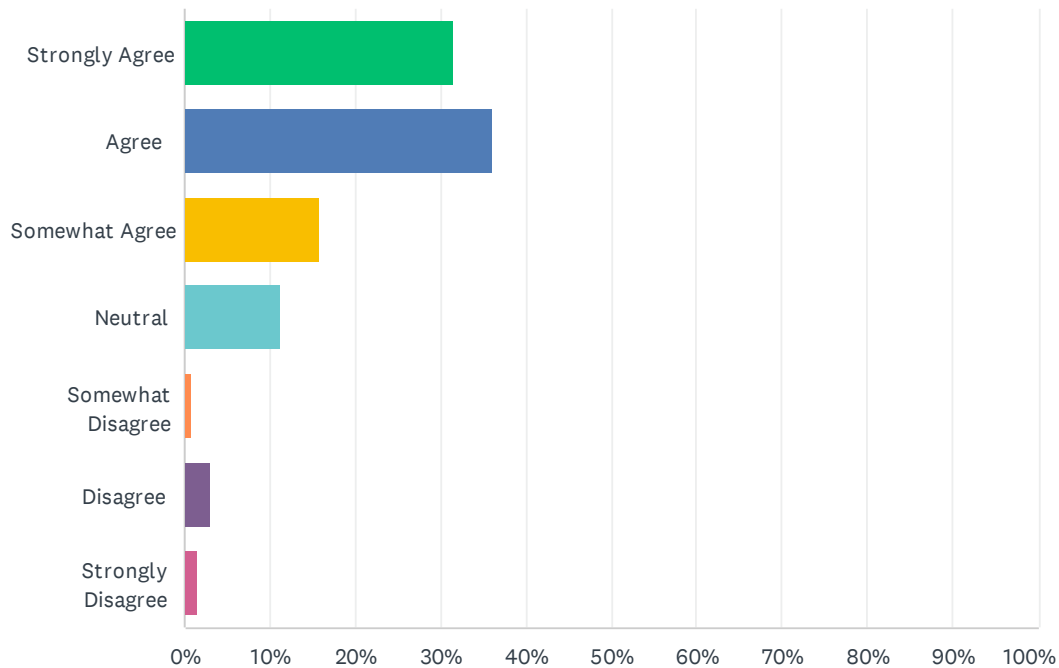
Answered: 133 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly Agree	9.02%	12
Agree	16.54%	22
Somewhat Agree	18.05%	24
Neutral	15.79%	21
Somewhat Disagree	7.52%	10
Disagree	17.29%	23
Strongly Disagree	15.79%	21
TOTAL		133

Q10 I believe retrofitting my home for better energy efficiency is important.

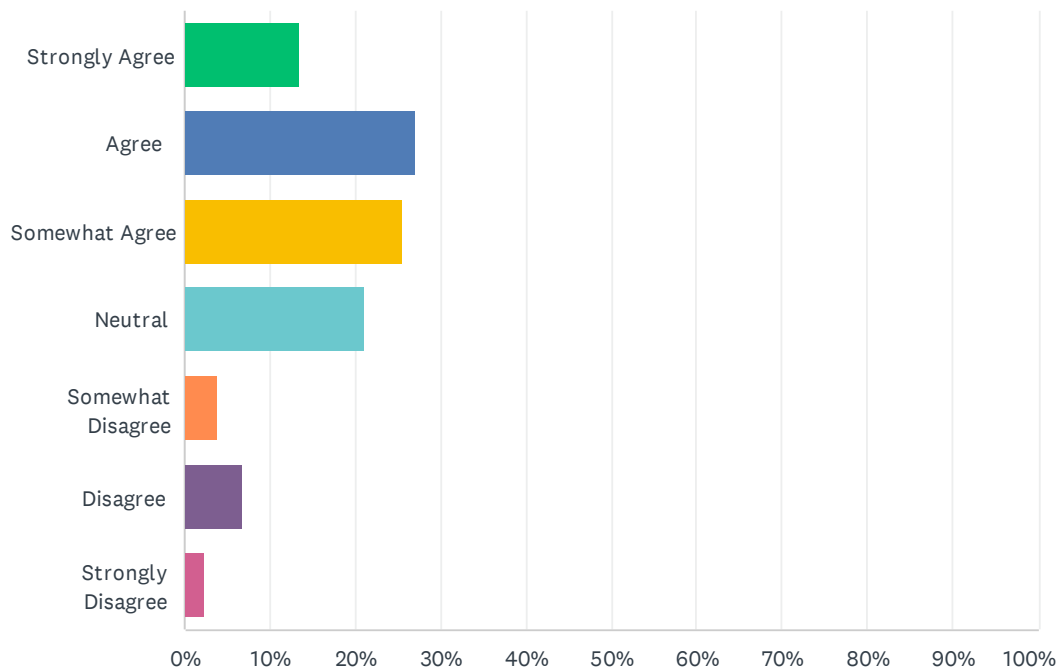
Answered: 133 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly Agree	31.58%	42
Agree	36.09%	48
Somewhat Agree	15.79%	21
Neutral	11.28%	15
Somewhat Disagree	0.75%	1
Disagree	3.01%	4
Strongly Disagree	1.50%	2
TOTAL		133

Q11 Hampton should devote more resources to reducing its corporate emissions

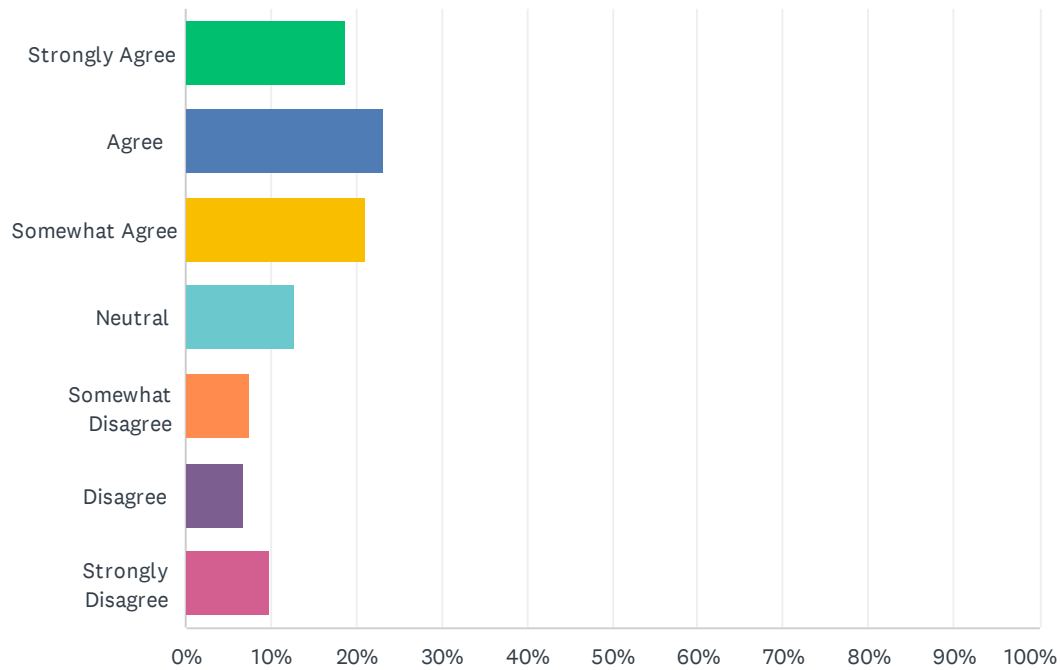
Answered: 133 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly Agree	13.53%	18
Agree	27.07%	36
Somewhat Agree	25.56%	34
Neutral	21.05%	28
Somewhat Disagree	3.76%	5
Disagree	6.77%	9
Strongly Disagree	2.26%	3
TOTAL		133

Q12 I feel safe riding a bicycle in my neighbourhood

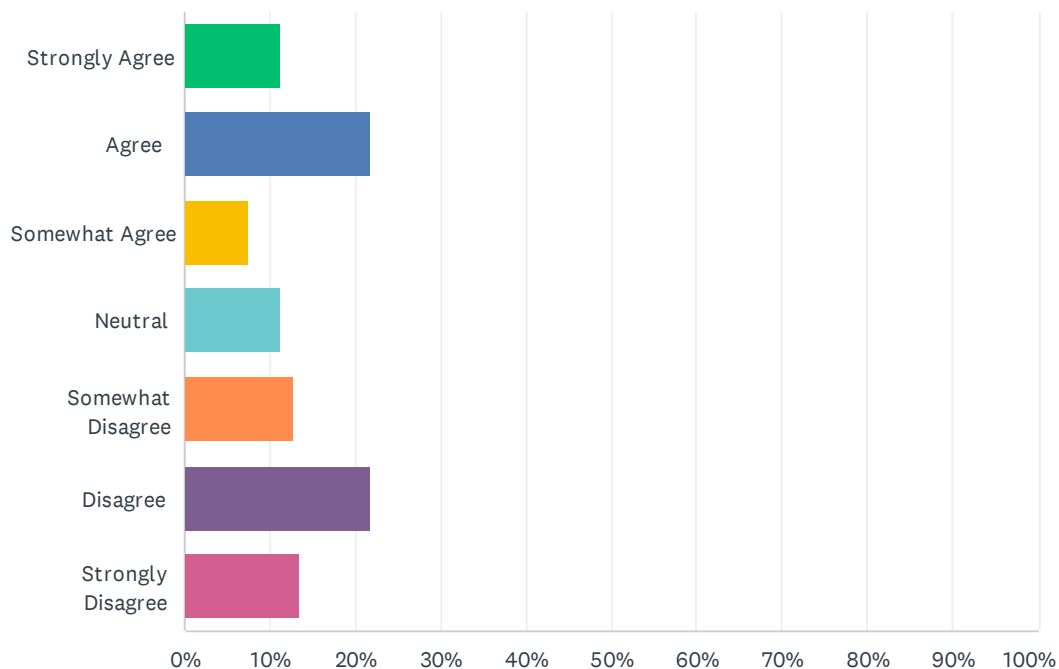
Answered: 133 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly Agree	18.80%	25
Agree	23.31%	31
Somewhat Agree	21.05%	28
Neutral	12.78%	17
Somewhat Disagree	7.52%	10
Disagree	6.77%	9
Strongly Disagree	9.77%	13
TOTAL		133

Q13 There are bicycle trails close to where I live

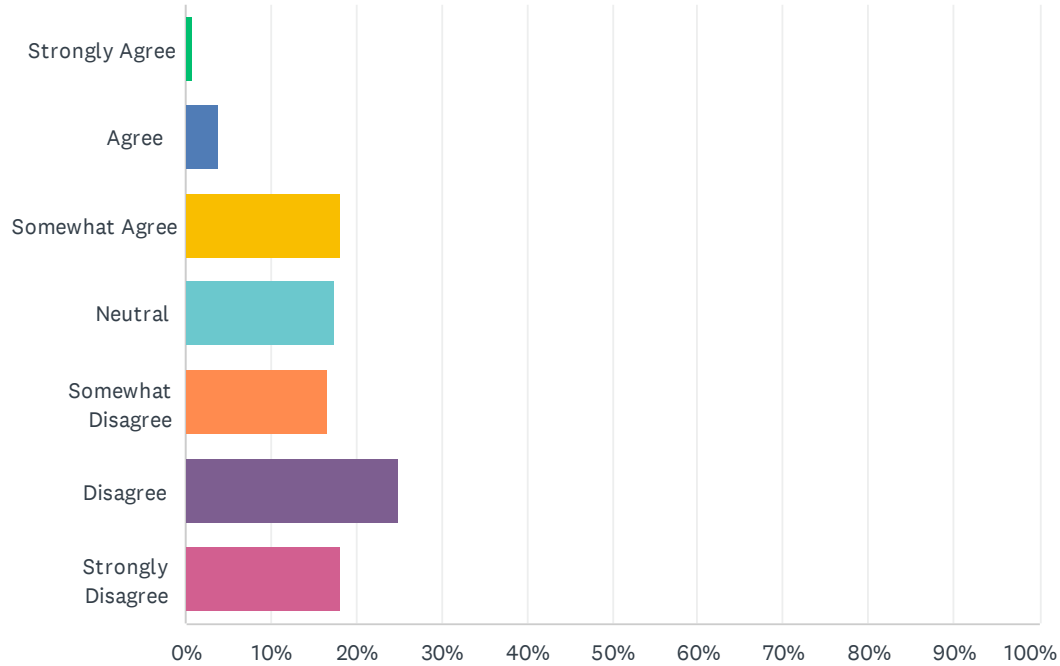
Answered: 133 Skipped: 11



ANSWER CHOICES	RESPONSES	
Strongly Agree	11.28%	15
Agree	21.80%	29
Somewhat Agree	7.52%	10
Neutral	11.28%	15
Somewhat Disagree	12.78%	17
Disagree	21.80%	29
Strongly Disagree	13.53%	18
TOTAL		133

Q14 I am confident Canada will achieve its net-zero emissions target by 2050

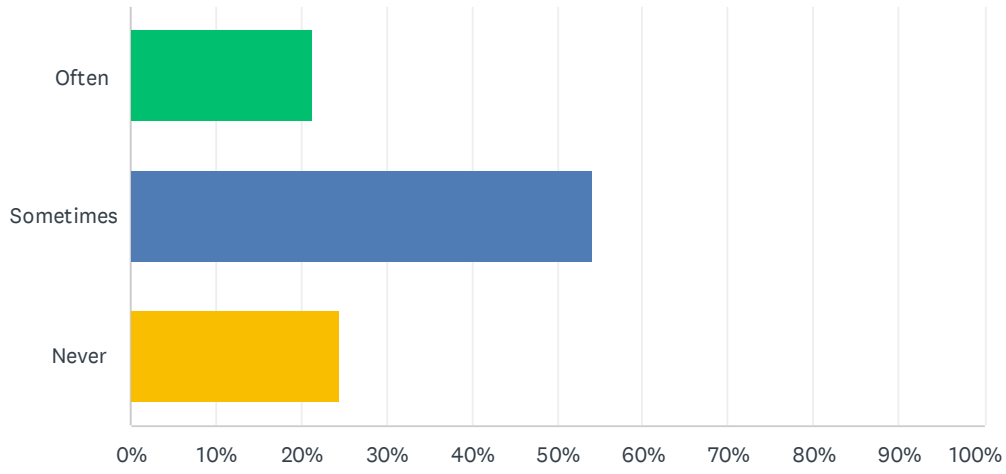
Answered: 132 Skipped: 12



ANSWER CHOICES	RESPONSES
Strongly Agree	0.76% 1
Agree	3.79% 5
Somewhat Agree	18.18% 24
Neutral	17.42% 23
Somewhat Disagree	16.67% 22
Disagree	25.00% 33
Strongly Disagree	18.18% 24
TOTAL	132

Q15 I use active transportation (walking, bicycling, etc.)

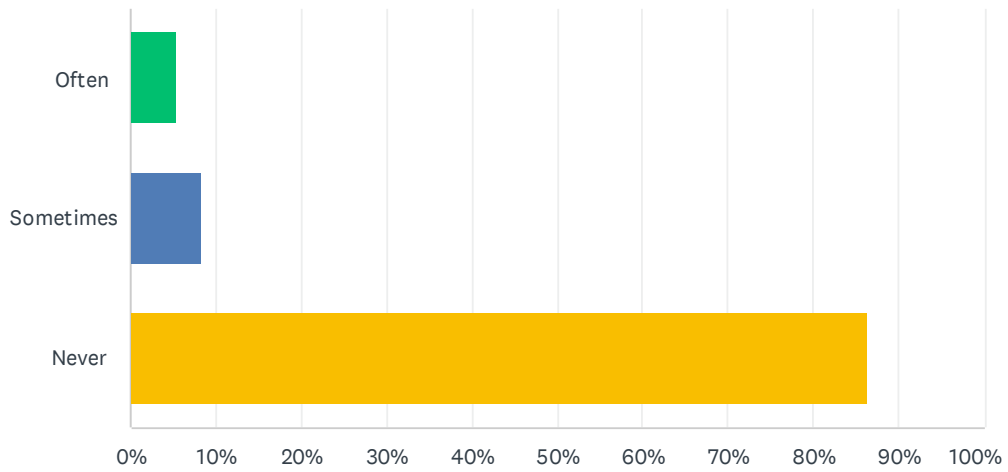
Answered: 131 Skipped: 13



ANSWER CHOICES	RESPONSES	
Often	21.37%	28
Sometimes	54.20%	71
Never	24.43%	32
TOTAL		131

Q16 I use public transit

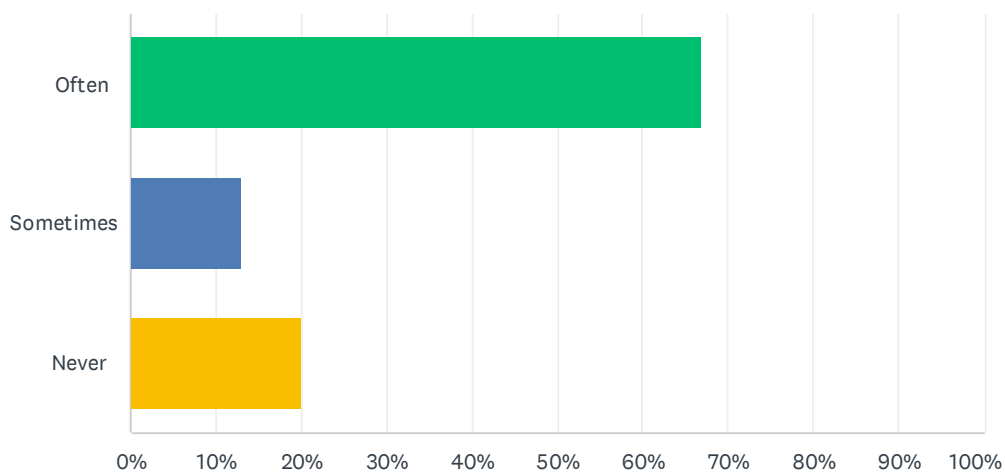
Answered: 131 Skipped: 13



ANSWER CHOICES	RESPONSES	
Often	5.34%	7
Sometimes	8.40%	11
Never	86.26%	113
TOTAL		131

Q17 I use a car to commute to/from work

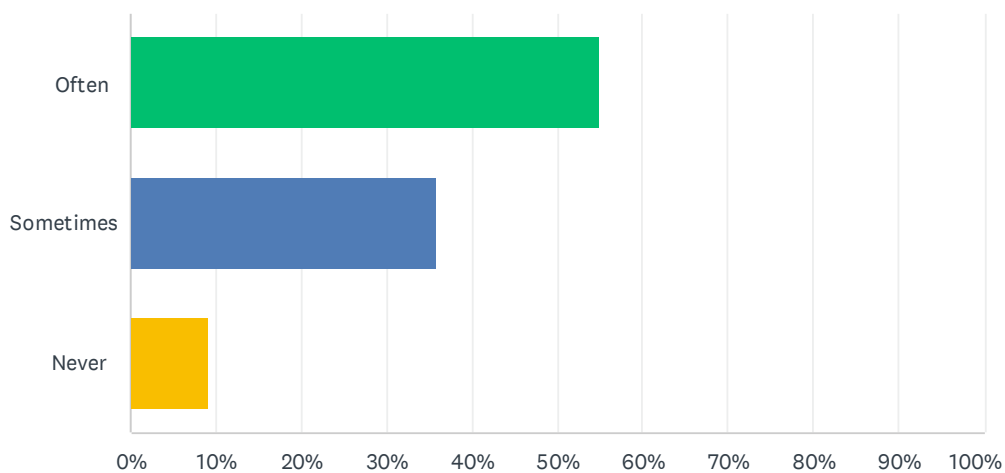
Answered: 130 Skipped: 14



ANSWER CHOICES	RESPONSES	
Often	66.92%	87
Sometimes	13.08%	17
Never	20.00%	26
TOTAL		130

Q18 In the summer months, I mow my lawn

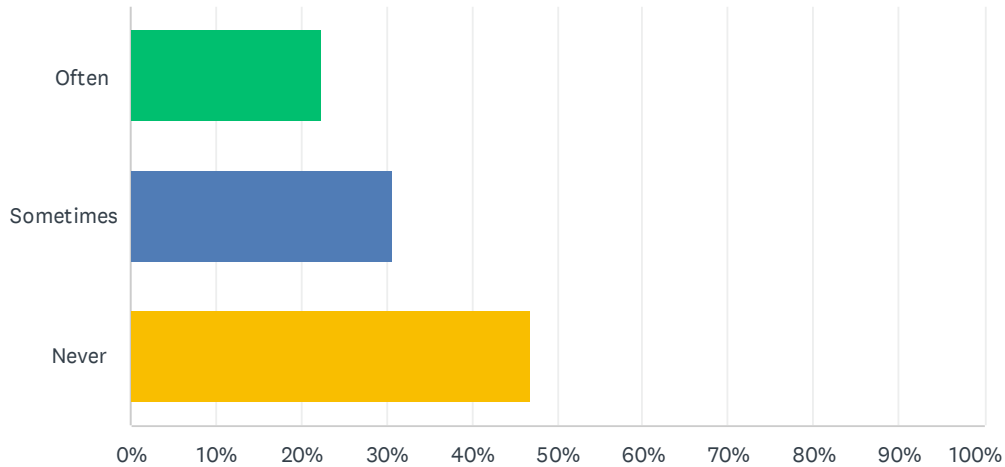
Answered: 131 Skipped: 13



ANSWER CHOICES	RESPONSES
Often	54.96% 72
Sometimes	35.88% 47
Never	9.16% 12
TOTAL	131

Q19 I use sustainable lawn care practices such as planting bee turf (mixed clover and low-growth wildflowers) to reduce maintenance

Answered: 130 Skipped: 14



ANSWER CHOICES	RESPONSES	
Often	22.31%	29
Sometimes	30.77%	40
Never	46.92%	61
TOTAL		130



[Redacted]

FW: Survey which included the question re. Public Transit

2 messages

Hampton - Planning and Development <[Redacted]>

Wed, Feb 15, 2023 at 8:13 AM

To: "[Redacted]"

Cc: Hampton - Planning and Development <[Redacted]>

Good morning Alana

This came in to our info email. I believe it is in answer to the PCP survey so wanted to send it on to you.

Regards

[Redacted]

-----Original Message-----

From: Hampton - Info <[Redacted]>

Sent: Tuesday, February 14, 2023 4:24 PM

To: Hampton - Planning and Development <[Redacted]>

Subject: FW: Survey which included the question re. Public Transit

-----Original Message-----

From: [Redacted]

Sent: February 12, 2023 4:13 AM

To: Hampton - Info <[Redacted]>

Subject: Survey which included the question re. Public Transit

CAUTION: External sender

> Hi.

>

> I used the bus when we had public transit and loved it, and we have only rented a car once when we travel (enjoying subways, trains, and buses instead). I assumed your survey implied current and local use so I said "no" regarding the use of public transit.

>

> I would love to have busing and/or trains for work and leisure, and I think busing to the city, in particular, would 'fly' again if scheduling of transfers was improved by Saint John Transit.

>

> I wish there had been a space for comments on this question on the survey or an option "I would use public transit if it was available."

>

> Thanks for allowing me to 'comment' by e-mail.

>

> [Redacted]

[Redacted]

> Sent from my iPad

[Redacted]
To: [Redacted]

Wed, Feb 15, 2023 at 3:52 PM

[Quoted text hidden]

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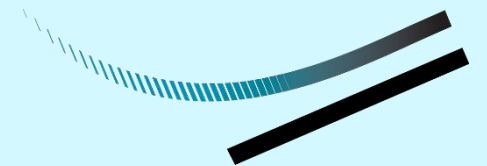
Appendix G

Community Workshops Presentation

Hampton: PCP Milestones 4 and 5

Community Workshops

February 8, 2023



DILLON
CONSULTING

PCP Program Milestones

MILESTONE 1:
CREATING AN INVENTORY



MILESTONE 2:
SETTING A TARGET



MILESTONE 3:
DEVELOPING A PLAN



MILESTONE 5:
MONITORING THE IMPACT



ADVANCING THE COMMITMENT

MILESTONE 4:
IMPLEMENTING A PLAN



Community Engagement

Engage Environment Committee	Public Survey	Community Workshops: Hampton Departments, Committees of Council
December 7, 2022	January 9-February 10, 2023	February 8, 2023
<p>Purpose Provide updates and progress regarding Hampton’s PCP Program work. Review the 2014 Local Action Plan and provide comments on priorities.</p> <p>Result New goals in the revised Local Action Plan</p>	<p>Purpose Gain an understanding of community interest and habits regarding active transportation within Hampton, and emissions reduction</p> <p>Result Currently being analyzed and will be included in the final reporting requirements</p>	<p>Purpose Identify responsible departments to each goal and measure from the updated Local Action Plan</p> <p>Apply a reasonable time frame to each goal and measure</p> <p>Determine potential obstacles for achieving goals and measures</p> <p>Provide added value and information to the goals and measures</p>

Questions for Discussion

1. What goals, and subsequently actions/measures of the goals, are Hampton's highest priority?
2. What goals are economically feasible/realistic in the short/medium/long-term?
3. What resources do responsible departments require to achieve these goals? Do these resources already exist?
4. What obstacles do departments/Committees of Council foresee when trying to achieve these goals? Internal vs. external
5. Are there other supporting policies (in the Municipal Plan) or By-Laws (Zoning By-Law) that can be added to the goals?
6. The dates of completion for the goals are based on information from the 2014 Local Action Plan. Can attendees confirm whether these actions/measures have already been completed?

Questions?

For more information on the Partners for Climate Protection Program, visit: <https://www.pcp-ppc.ca/>

Appendix H

Quantification of Emissions Reduction, by Goal

Quantification of Emissions Reduction, by Goal

Goal	% Emissions Reduction	Justification
#1 Retrofit buildings to increase efficiency (Corporate – Buildings)	See Table 1	Sources provided between those two reporting years have different information, which is why the recommendation was made for better data management and put together the Monitoring Data Request Form (Appendix C).
#2 Retrofit buildings to increase efficiency (Community)	See Table 6 in Section 5.1.3 of the Report	There is insufficient information to make a conclusive determination for emissions reduction of community buildings. Improved data management using the Monitoring Data Request Form will provide Hampton with sufficient data going forward.
#3 Reduce use, and increase efficiency in fleet vehicles (corporate)	See Table 2	Sources for data collected in 2006 could not be confirmed; limited availability of data sources for accurate readings. Usage of the Monitoring Data Request Form will help rectify data discrepancies.
#4 Replace streetlights with LED bulbs	See Table 2	Sources for data collected in 2006 and 2021 are different and therefore require additional review. Usage of the Monitoring Data Request Form will help rectify data discrepancies.
#5 Compost and recycle in municipal buildings	N/A	Actions for this goal are qualitative and do not have a direct effect on emissions reduction. They do however, divert additional waste to landfills and aim to educate municipal staff.
#6 Work with the Regional Commission to develop a commuter bus system	N/A	Actions for this goal will work to achieve emissions reduction in the future, therefore actions do not have direct effect on emissions reduction at this time.
#7 Plant trees to sequester carbon (community)	N/A	Actions for this goal do not have a direct effect on emissions reduction. As more trees are added in Hampton, more carbon will be sequestered, which will have positive effects on the environment, air quality, etc.

#8 Install electric vehicle charging stations (community/corporate)	N/A	Actions for this goal will work to achieve emissions reduction in the future, therefore actions do not have direct effect on emissions reduction at this time.
#9 Promote active transportation in Hampton	N/A	Actions for this goal have an indirect effect on emissions reduction for Hampton. The promotion of active transportation encourages healthier options for getting around Hampton, and may lead to emissions reduction if the public chooses biking or walking over using a car. This data is currently unavailable at this time.
#10 New infrastructure built using 'green' building design (corporate)	N/A	The majority of actions for this goal and qualitative and will work to endeavour emissions reductions for any new buildings being constructed in Hampton. Once construction of the new multi-purpose facility is completed, it is expected that emissions from this building will be less than typically expected given that green building standards were considered and utilized in the design.
#11 Educate the public on energy efficiency, renewable technologies, and water conservation (community)	N/A	Actions for this goal are qualitative and do not have a direct effect on emissions reduction.
#12 Replace old wastewater pumps	See Table 2	Sources for data collected in 2006 cannot be confirmed and therefore require additional review. Usage of the Monitoring Data Request Form will help rectify data discrepancies.
#13 Develop a pollution prevention and recycling strategy	N/A	Actions for this goal are qualitative and do not have a direct effect on emissions reduction. They do however, divert additional waste to landfills.
#14 Promote food gardens for Hampton households (community)	N/A	Actions for this goal have an indirect effect on emissions reduction. The promotion of food gardens for Hampton households encourages healthier and local options for buying/growing food, and may lead to emissions reduction on a grander scale when considering the distance food travels to arrive in grocery stores.

Table 1 Comparison to 2012 Emission - Electricity

Facility	2012 (TCO2e)	2021 (TCO2e)	% Reduction	2021 Building Name
Centennial Building	54.5985	31.248	-42.77%	648 Main Street
River Center	21.2265	13.9773	-34.15%	River Centre-Décor Lig
Library	19.05165	47.817	150.99%	Jail -17 Centennial and Schoolboard-27 Centennial
Community Center	403.1001	208.29	-48.33%	Arena - 808 Main
Equipment Depot	21.2292	15.2346	-28.24%	89 Logie Drive - Garage and 89 Logie Drive-Shop
Provincial Building	65.3805	49.761	-23.89%	410 William Bell Drive
Fire Hall	31.644	21.696	-31.44%	Fire Hall - 845 Main
Tennis Court	0.00135	8.8638	656477.78%	Parks
Visitor Information Centre	0.16929	6.984	4025.47%	VIC 657 Main

Table 2 Emissions by Sector

eCO2 Emissions by Sector			% Reduction	Comments
Sector	Total eCO ₂ (tonnes)			
	2021	2006		
Buildings				
Electricity	409			
Fuel Oil	7			
Propane	77			
Buildings Total	493	655	-24.71%	Different sources included
Vehicle Fleet	218	154	41.59%	Cant confirm sources in 2006
Streetlights ¹	0.51	251	-99.80%	Different sources included
Water and Sewage	112	55	103.98%	Cant confirm sources in 2006
Total	824	1,115	-26.11%	