



**WEST HANTS REGIONAL MUNICIPALITY
Municipal Climate Change Action Plan (MCCAP) Committee Agenda
January 6, 2021 – 10:00am
Zoom**

- 1.0 Call to Order and Identification of Designates**
- 2.0 Approval of Agenda and Additions**
- 3.0 Approval of Minutes**
- 4.0 Business Arising from the Minutes**
 - 4.1 Update: MCCAP Work Plan 2021 Recommendation Report (Saira Shah)
- 5.0 New Business (None)**
- 6.0 Miscellaneous (None)**
- 7.0 Next Meeting Date (February 10th @10 am)**



WEST HANTS REGIONAL MUNICIPALITY REPORT

Information <input type="checkbox"/>	Recommendation X <input checked="" type="checkbox"/>	Decision Request <input type="checkbox"/>	Councillor Activity <input type="checkbox"/>
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To: Members of Municipal Climate Change Action Plan Committee

Submitted by: _____
Saira Shah, Planner

Date: 2020-01-06

Subject: MCCAP 2021 Work Plan

LEGISLATIVE AUTHORITY

Municipal Climate Change Action Plan (MCCAP) Committee Terms of Reference Section 4.

RECOMMENDATION

Should the MCCAP Committee wish to forward the 2021 Work Plan to Committee of the Whole, the following motion would be in order:

that the MCCAP 2021 Work Plan be submitted to the Committee of the Whole to be placed on file in a manner substantively the same as Appendix A attached to the planning staff report dated January 6, 2021.

BACKGROUND

Based on the MCCAP Committee Terms of Reference, a work plan needs to be submitted to the Committee of the Whole for review on an annual basis.

Staff presented a draft workplan on November 10, 2020. The committee discussed these topics at length and determined the addition of Plan Review actions related to the MCCAP would be beneficial and requested that sea-level rise in Avondale be made a priority. These changes have been made to the updated workplan attached as Appendix A.

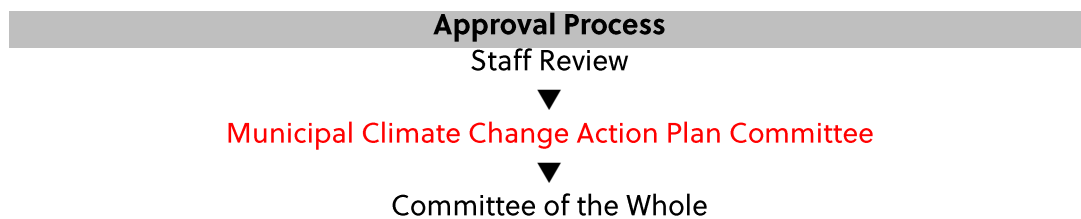
DISCUSSION

Staff reviewed the Plan Review MCCAP actions and considered how to incorporate the actions into the draft MCCAP 2021 Work Plan. There were several items that overlapped with existing goals such as developing restrictions for flood prone areas and developing solutions for the community of Avondale as a pilot project. However, there were some

additions to existing goals such as considering a requirement for coastal erosion site assessments in flood prone areas. As for new goals, staff added a review of wetland and watercourse protections, a water conservation by-law to address drought conditions, and an overall goal to consider incorporating the findings from recent student projects on low impact development and coastal planning into the planning documents. There are no budget requests for any of the new actions added as only staff time will likely be required and the timeline for completion is the Plan Review. Staff had identified a water conservation by-law as a Plan Review task but, as this would be a separate by-law from the planning documents, staff have set a start date of Spring 2021 for this item. Several actions listed under On-going Tasks are associated with the Regional Emergency Management Organization (REMO). As the current appointment for REMO is intended for emergencies only these tasks will likely not be completed until a permanent appointment is made for the REMO position.

The timeline for the Avondale pilot project has been updated to start in Winter 2021 based on direction from the MCCAP Committee. A meeting was held in Avondale on November 12th with some community members, staff, and Victoria Fernandez who presented the findings from the National Disaster Mitigation Program project illustrating potential long-term solutions for the area. The Chief Administrative Officer intends to form a working group consisting of staff and community members to consider mitigation options for Avondale.

NEXT STEPS



FINANCIAL IMPLICATIONS

There are budget requests associated with the 2021 Work Plan. These requests would be submitted to Council for consideration for the MCCAP Committee 2021 budget.

ALTERNATIVES

In response to the report, the MCCAP Committee may:

- request staff revise the MCCAP 2021 Work Plan based on direction from the MCCAP Committee;
- provide alternative direction such as requesting further information on a specific topic.

ATTACHMENTS

Appendix A MCCAP 2021 Work Plan

Report Reviewed by: _____
Madelyn LeMay, Director of Planning and Development

**Appendix A
MCCAP 2021 Work Plan**

Tasks to Complete		Cost of Action	Funding	Partners	Timing
Goal: Reduce the impact of anticipated climate change on infrastructure and development	Consider options to restrict development in areas at risk to flooding and erosion	Staff Time	Staff Time	Planning	Plan Review
	Consider requiring coastal erosion site assessments or flood proofing in areas at risk	Staff Time	Staff Time	Planning	Plan Review
Goal: Increase awareness of local best practices	Create a recognition program for businesses and community groups	Staff Time	Staff Time	Planning/ Community Development	Summer 2021
Goal: Develop sustainable solutions to address sea-level risk in Avondale (Pilot project for flooding and erosion mitigation)	Work collaboratively with community groups, government organizations, and non-profits to assess sustainable solutions	Staff Time	Staff Time	Planning Department of Agriculture	Winter 2021
Goal: Reduce Greenhouse Gas Emissions	Complete Milestone 2 in the PCP program by providing the necessary information for Council to set an emissions reduction target for	Staff Time	Staff Time	Planning/ Public Works	Spring 2021

	corporate and community emissions				
	Complete Milestone 3 in the PCP program by developing a local action plan	\$10,000	Co-op Education Incentive	Planning/ Public Works	Summer 2021
Goal: Ensure wetlands and watercourses are adequately protected	Review existing setbacks for wetlands, water courses, and marsh boundaries based on updated data	Staff Time	Staff Time	Planning	Plan Review
Goal: Create a process to address drought conditions	Draft a water conservation by-law that allows for a conservation order restricting water use from Municipal services	Staff Time	Staff Time	Planning/ Public Works	Spring 2021
Goal: Incorporate the findings from recent student projects into the planning documents to address climate change	Review the findings from Kristyn Remme on Low Impact Development and Emma Stucke on Coastal Planning	Staff Time	Staff Time	Planning	Plan Review
Ongoing Tasks					
Goal: Implement MCCAP	Annual action items review and update	Staff Time	Staff Time	Planning	Annual
	Annual review and update Terms of Reference	Staff Time	Staff Time	Planning	Annual

Goal: Heighten resident's awareness of flood risk and emergency preparedness	Public education	Staff Time	Staff Time	REMO	On-going
	Develop planning processes, policy and ordinances	Staff Time	Staff Time	REMO	On-going
Goal: Build mapping (GIS) capabilities	Update software as needed	Staff Time	Staff Time	Planning	On-going
Goal: Climate-informed Emergency Preparedness Plans	Annual review and update of All-Hazards Plan	Staff Time	Staff Time	REMO	On-going
Goal: Record storm surge impacts	Record storm surge impact details as means of improving emergency preparedness and response planning	Staff Time	Staff Time	REMO	On-going
Goal: Secure local source of aggregate	Identify possible sources of local aggregate in inventory of municipal land	Staff Time	Staff Time	REMO	On-going
Goal: Stormwater management planning	Implement findings from the Hantsport, Three Mile Plains and Falmouth Storm Water Management Studys	Staff Time	Staff Time	Public Works, Planning, Department of Infrastructure and Renewal	On-going
Completed					
Goal: Stormwater management planning	Complete plan for Falmouth	\$50,000	PW Budget	Public Works	Completed 2016
	Complete plan for Hantsport	\$50,000	PW Budget	Public Works	Completed 2018

	Complete plan for Three Mile Plains	\$50,000	PW Budget	Public Works	Completed 2019
Goal: Build mapping (GIS) capabilities	Hire a GIS Technician	N/A	Planning	Planning	Completed 2015
Goal: Reduce the impact of anticipated climate change on municipal infrastructure along the Minas Shore	Complete the National Disaster Mitigation Program Risk Assessment Study	\$80,000	MCCAP Budget and National Disaster Mitigation funding	CBCL Limited Consulting and Government of Canada	Completed Spring 2019
Goal: Reduce Greenhouse Gas Emissions	Complete an updated GHG emissions inventory for corporate emissions	\$9,000	MCCAP Budget, Co-op Education Incentive	Clean Foundation	Completed Fall 2019
	Complete a GHG emissions inventory for community emissions	\$25,000	MCCAP Budget, Co-op Education Incentive	Clean Foundation	Completed Fall 2019
	Complete a GHG emissions forecasting model	\$36,000	MCCAP Budget	Clean Foundation	Completed Winter 2020