



ATTENDING

Councillor Mercedes Brian, Director Public Works & Parks Kevin Kerr, Acadia University Sustainability Coordinator Jodie Noiles, ASU George Philip, Director of Planning Devin Lake, Bill Zimmerman, Mayor Jeff Cantwell, and Recording Secretary Karen Outerleys, Jeremy Banks Community Planner.

ABSENT WITH REGRETS

Hayden McKee-Godry,

ABSENT

Janet Eaton, Chief Administrative Officer Erin Beaudin

CALL TO ORDER

Chair, Councillor Brian, called the meeting to order at 10:31am

1. APPROVAL OF THE AGENDA

MOTION: IT WAS REGULARLY MOVED AND SECONDED THAT THE AGENDA BE APPROVED AS CIRCULATED

Amendments:

- #3 to be removed from the Agenda

THE AGENDA WAS APPROVED WITH THE ABOVE NOTED CHANGES

CARRIED

2. APPROVAL OF MINUTES OF THE REGULAR MEETING OF NOVEMBER 6, 2017

MOTION: IT WAS REGULARLY MOVED AND SECONDED THAT THE MINUTES OF THE NOVEMBER 6, 2017 MEETING BE APPROVED AS CIRCULATED.

Amendments:

- #4 bullet 5

ASU thanked the Mayor for his attendance at the ESC student poster exhibit

Should read: Acadia thanked the Mayor for his attendance at the ES student's poster exhibit

THE MINUTES WERE APPROVED WITH THE ABOVE NOTED CHANGES

CARRIED

3. QUESTIONS

No questions presented to the committee.

4. BUSINESS ARISING FROM PREVIOUS MEETING, November 06, 2017:

- **Plastic Bag Update:**

- Valley Waste stock piling plastic since China no longer taking plastic.
 - New sustained technology to be up and running in Chester, Spring 2018. Process will product of plastic pellets formed into diesel fuel and glass & inorganic becomes an aggregate, biomass will become fuel, metals go to recycling and landfill is less than 10%.
 - Valley Waste are preparing a sample plastic bag bylaw, would like to see all units from Annapolis Royal to Hantsport to adopt the same bylaw.
 - Businesses were supportive of a ban on plastics, but a fee for use would be considered as well.
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- No recommendation of a total ban or fee has been made by the Town or Valley Waste committee.

5. New Business:

a. Community Energy Planning

- Staff goal is to better understand the inventories from 2006
- Project Charters is one way staff can bring a work plan to council.
- Current project charter discusses staff working with ESC and Acadia University work toward better understanding and action around community energy planning.
- Environmental Sustainability Committee form a working/sub group that brings back information to the committee and subsequently to Council
- Staff is proposing that by the next ESC meeting that staff will have a better direction from Council for the committee.

b. Municipal Planning Strategy - Extreme Water Levels & Climate Change

- Extreme water events and dealing with those needs to go hand in hand with development in flood risk areas (ocean storm surges), this presentation doesn't include precipitation events.
- To review the restraints for developments in our downtown core, so that the core becomes stagnant.
- Tides are some of the main water events that effect this area, along with storm surge.
- Still planning for what maybe be expected, in the past 20 years extreme weather events are happening more.
- Increasing factors, tide amplitude as sea level rises more water in the ocean, tides will be larger. In 2050 ½ meter of sea level rise is expected.
- Climate change concerns are real, however we need to think of how we protect ourselves from current conditions, storm serge, drainage issues and large precipitation events.
- Staff is recommending the Town use the 2-meter serge the highest extreme event on record (150 years ago Saxby Gale Storm Serge).
- Municipalities have to decide how much they want to constrain development in flood risk areas. Making buildings recoverable after a flood, making ground floors of development in these areas inhabitable.



6. ROUNDTABLE DISCUSSION

- Standardized re-usable containers would assist with the volume of recycling that occurs when buying canned goods in stores.
- Community Transportation component worthy of attention
- Stantec study for Eco Kings on Kings Transit, useful as a resource document
- Housing a significant component, further well-head protection by getting rid of oil tanks near well-heads and the Energy Conservation Potential as a result.
- Is there a standard protocol in the planning world when making decisions for storm surge events, do known events (150 years old) or plan for more likely events? Still exploring what standards should be, municipalities are setting the standard, province does require that municipalities do a certain amount of due diligence around flood risk. Tolerance for risk needs to be addressed as well.
- Adaptation based development as opposed to restraint on development. Push for 2100 mark with development adaptation. Paying attention to accessibility concerns as well.
- Consistent height of dykes/water barriers, aim to match existing dyke levels currently at about 8 metres.
- Is there a sense of what insurance companies doing to address homes built in flood risk areas?
- The levels of risk dykes not in our control pose a high risk to surrounding areas. (Dept. of Agriculture are responsible for these dykes). Discuss mechanisms that can be put into place for the Town when other dykes are not part of the Town responsibility.
- Flood Proofing STP, looking at key pieces of infrastructure within the Town that need flood protection.

7. ACTION ITEM

- Staff to contact Valley Waste Management with regards to whether there was a recommendation of a ban or fee for plastic bags at their last committee meeting.

8. NEXT MEETING

- The next regularly scheduled meeting of the Environmental Sustainability Committee is Monday, March 12, 2018

9. ADJOURNMENT

MOTION: IT WAS REGULARLY MOVED AND SECONDED THAT THE ENVIRONMENTAL SUSTAINABILITY COMMITTEE MEETING BE ADJOURNED AT 11:42 AM

CARRIED

Approved at the January 15, 2018 Environmental Sustainability Committee Meeting

As recorded by Karen Outerleys, AA Public Works