



Board of Directors Meeting Agenda

Thursday, December 12, 2019



Board of Directors Meeting

Thursday, December 12, 2019 at 7:00 p.m.

HCA Main Office, 838 Mineral Springs Road, Ancaster, Ontario

- 1. Call to Order** – Ferguson
- 2. Declarations of Conflict of Interest**
- 3. Approval of Agenda**
- 4. Delegations**
- 5. Consent Items for Applications, Minutes and Correspondence**
 - 5.1. Applications – Development, Interference with Wetlands, Alterations to Shorelines and Watercourses
 - 5.2. Approval of Board of Directors Minutes – November 7, 2019
 - 5.3. Approved September 19, 2019 Budget & Administration Committee Minutes – for receipt only
 - 5.4. Letters to Nottawasaga Valley Conservation Authority from Township of Springwater regarding Conservation Authority Levies and Nottawasaga Valley Conservation Authority Levy, dated October 21, 2019
 - 5.5. Letters to Hamilton Conservation Authority from Township of Amaranth regarding Nottawasaga Valley Conservation Authority levies and Conservation Authority Exit Clauses, dated November 22, 2019
- 6. Member Briefing**
- 7. Business Arising from the Minutes**
- 8. Other Correspondence**
- 9. Reports from Budget & Administration Committee, Conservation Advisory Board, and the Foundation**

9.1. Budget & Administration Committee – November 21, 2019 – Moccio
(Recommendations)

BA 1935	Mileage Rate
BA 1937	Honorariums and Per Diems

9.2. Foundation Chairman's Remarks – Margaret Reid

10. Other Staff Reports/Memorandums

10.1. Current Watershed Conditions as of December 2, 2019	– Peck
10.2. Upcoming HCA and Partner Events	– Costie

11. New Business

12. In-Camera Items for Matters of Law, Personnel and Property

13. Next Meeting – Thursday, February 6, 2020 at 7:00 p.m.

**Please note this will be the Annual General Meeting of the
Board of Directors.**

14. Adjournment



Memorandum

TO: Board of Directors

FROM: Lisa Burnside, Chief Administrative Officer

RECOMMENDED BY: T. Scott Peck, MCIP, RPP, Deputy Chief Administrative Officer/Director, Watershed Planning and Engineering

PREPARED BY: Darren Kenny, Watershed Officer

DATE: December 12, 2019

RE: Summary Enforcement Report – Development, Interference with Wetlands and Alterations to Shorelines and Watercourses
Regulation 161/06 Applications for December 12, 2019

HCA Regulation applications approved by staff between the dates of October 26, 2019 and November 28, 2019 are summarized in the following Summary Enforcement Report (SER-9/19).

RECOMMENDATION

THAT the Board of Directors receive this Summary Enforcement Report SER-9/19 as information.

HAMILTON REGION CONSERVATION AUTHORITY

DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO SHORELINES AND WATERCOURSES APPLICATIONS

November 28, 2019

Development, Interference with Wetlands, and Alterations to Shorelines and Watercourses Applications Report to the Board of Directors of the Hamilton Region Conservation Authority, December 12, 2019

The proposed works are subject to Ontario Regulation 161/06, and in particular Section 2, Subsection (1).

SUMMARY ENFORCEMENT REPORT SER 9/19

File Number	Date Received	Date Permit Issued	Review Days	Applicant Name	Location	Application Description	Recommendation / Conditions
A/F,C/19/83	03-Oct-19	29-Oct-19	23		349-355 Golf Links Rd Lot 46, Concession 2 Ancaster	Installation of new underground conduit by directional bore in a regulated area of Ancaster Creek.	Approved subject to standard conditions
SC/F,C,A/19/43	11-Jun-19	30-Oct-19	67		1061 North Service Rd Lot 8, Concession BF Stoney Creek	Construction of a new shoreline retaining wall in a regulated area of the Lake Ontario shoreline.	Approved subject to standard conditions
SC/F,C,A/19/44	11-Jun-19	30-Oct-19	67		1065 North Service Rd Lot 8, Concession BF Stoney Creek	Construction of a new shoreline retaining wall in a regulated area of the Lake Ontario shoreline.	Approved subject to standard conditions
SC/F,C,A/19/76	10-Sep-19	04-Nov-19	31		622 Fifty Rd Lot 2, 3, Concession BF Stoney Creek	Construction of new shoreline protection works and improvements to the Fifty Road Parkette in a regulated area of the Lake Ontario shoreline.	Approved subject to standard conditions
A/C/19/88	17-Oct-19	05-Nov-19	14		Pt Lt 46, Con 2, 28-94 Rousseaux St, 120-208 Mohawk Rd and 514 Wilson St E Lot 46, Concession 2 Ancaster	Installation of new underground conduit by open trench and directional bore in a regulated area of Ancaster Creek.	Approved subject to standard conditions

HAMILTON REGION CONSERVATION AUTHORITY

DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO SHORELINES AND WATERCOURSES APPLICATIONS

November 28, 2019

Development, Interference with Wetlands, and Alterations to Shorelines and Watercourses Applications Report to the Board of Directors of the Hamilton Region Conservation Authority, December 12, 2019

The proposed works are subject to Ontario Regulation 161/06, and in particular Section 2, Subsection (1).

SUMMARY ENFORCEMENT REPORT SER 9/19

H/F,C,A/19/85	01-Oct-19	08-Nov-19	35		768 Mountain Brow Blvd Lot 1, Concession 7 Hamilton	Completion of temporary repairs to the Mountain Brow Boulevard Stormwater Management Facility in a regulated area of Upper Ottawa Creek.	Approved subject to standard conditions
F/F,C/19/87	22-Oct-19	08-Nov-19	15		1245 Hwy 5 W Lot 32, 33, Concession 3 Flamborough	Construction of a new single family residence and raised septic bed in a regulated area of the Hayesland-Christie Provincially Significant Wetland complex.	Approved subject to standard conditions
D/F,C/19/89V	25-Oct-19	14-Nov-19	16		10 Central Park Ave Lot 14, Concession 1 Dundas	Construction of a new front deck/stairs and completion of patio stone landscaping in the Regulatory Floodplain of Ann Street Creek.	Permit issued to resolve an outstanding violation.
SC/F,C/19/32	21-May-19	14-Nov-19	80		23 Church St Lot 21, Concession BF Stoney Creek	Partial demolition of an existing residence and construction of new additions and renovations, as well as completion of shoreline protection improvements in a regulated area of the Lake Ontario shoreline.	Approved subject to standard conditions
H/F,C,A/19/91	01-Nov-19	20-Nov-19	20		1 Redfern Ave Lot 57, Concession 2 Hamilton	Grading and watercourse alteration associated with service installation and parking lot redevelopment for Scenic Trails (Block 16) in a regulated area of Chedoke Creek.	Approved subject to standard conditions

HAMILTON REGION CONSERVATION AUTHORITY

DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO SHORELINES AND WATERCOURSES APPLICATIONS

November 28, 2019

Development, Interference with Wetlands, and Alterations to Shorelines and Watercourses Applications Report to the Board of Directors of the Hamilton Region Conservation Authority, December 12, 2019

The proposed works are subject to Ontario Regulation 161/06, and in particular Section 2, Subsection (1).

SUMMARY ENFORCEMENT REPORT SER 9/19

F/F,C/19/93	04-Nov-19	25-Nov-19	23		78 Hwy 8 Lot 11, Concession 1 Flamborough	Installation of a new residential gas service line by directional bore in a regulated area of Middle Spencer Creek.	Approved subject to standard conditions
A/F,C/19/94	08-Nov-19	27-Nov-19	21		972 Governors Rd Lot 40, Concession 1 Ancaster	Demolition of an existing residence and construction of a new two storey single family residence and septic system in a regulated area of Spring Creek.	Approved subject to standard conditions. NEC Approval Obtained

BD12,2706**MOVED BY: Jim Cimba
SECONDED BY: Brad Clark****THAT the agenda be approved.****CARRIED****4. Delegations**

There were none.

5. Consent Items for Applications, Minutes, and Correspondence

- 5.1. Applications – Development, Interference with Wetlands, Alterations to Shorelines and Watercourses
- 5.2. Approval of Board of Directors Minutes – October 3, 2019
- 5.3. Approved August 8, 2019 Conservation Advisory Board Minutes – for receipt only
- 5.4. Email from Mark Osborne, received October 16, 2019, and HCA response email, dated October 21, 2019

BD12,2707**MOVED BY: Brad Clark
SECONDED BY: Cynthia Janzen****THAT the Consent Agenda be approved.****CARRIED****6. Member Briefing****6.1. Ecological Monitoring**

Lesley McDonnell and Colin Oaks provided the members with a briefing on HCA's aquatic and terrestrial ecological monitoring programs, highlighting the monitoring of fish, aquatic insects, plant biodiversity and distribution, and invasive species as indicators of the health of the natural features of our watershed. They shared that monitoring also helps with evaluating past ecological restoration projects and planning for future projects.

Colin highlighted the progression of the restored Christie Ponds into watercourses and wetlands, results of Lower Spencer Creek in-stream habitat improvements, as well as planning for habitat improvements to the pond at Fifty Point Conservation Area.

Lesley presented results of forest regeneration surveys in harvested plantation areas and Ecological Monitoring and Assessment Network (EMAN) plots, as well as deer browse surveys and deer exclosures. Results of note included that invasive species may need to be managed in some of the harvested plantation areas and a more even distribution of forest understory regeneration in the Dundas Valley and at Iroquoia Heights Conservation Area. Details of the method and results of deer population surveys for these areas, completed by helicopter in partnership with the Ministry of Natural Resources and Forestry, were also shared. Lesley commented on a correlation between the regenerating forest understory and changes in the deer population between 2015 and 2019. Lesley also reviewed the monitoring program and results of Gypsy moth surveys conducted to monitor impacts to mature trees in the Dundas Valley. A bio-pesticide spray program has been successful in mitigating impacts of gypsy moths where applied in severely infested areas.

The members thanked Colin and Lesley for their informative presentation.

BD12,2708

**MOVED BY: Cynthia Janzen
SECONDED BY: Chad Collins**

**THAT the presentation on Ecological Monitoring be
received as information.**

CARRIED

7. Business Arising from the Minutes

7.1. Verbal Update on Meeting with MECP

Santina Moccio provided the members with an update on the October 22nd meeting with Ministry of the Environment, Conservation and Parks (MECP) staff, attended by the Chair, Vice-Chair, CAO and Deputy CAO, related to provincial direction regarding Conservation Authorities' Core Programming. She shared with the members that HCA's strategic plan was used to highlight its programs and services. HCA's need to generate revenues was conveyed. It was stressed that funding for our conservation areas is self-sustaining. HCA's conservation areas were highlighted as unique local greenspaces that help the city and watershed thrive and connect people to nature.

The Saltfleet Conservation Area wetland projects were also highlighted as major projects that will mitigate flooding, erosion and drought, while also providing recreational greenspace for the community. It was noted that HCA's programs are broadly supported by the municipality.

HCA's board composition and governance were also reviewed at the meeting. The 1960 Conservation Report, prepared by the Province, was shared with MECP staff. In addition, HCA's strategic plan, Board of Directors Member Information Handbook, and administrative by-law were left with MECP for their reference.

Santina further added that the meeting tone was encouraging. MECP staff listened and made inquiries and were complimentary. Definitive timelines for next steps were not provided, however, it was advised that consultation with all stakeholders will be undertaken in the new year.

The members inquired about sharing the results of the meeting with MPP Donna Skelly. Staff advised that the MPP was unavailable to attend, however, that staff are working to coordinate with her office to meet and review the same material as presented at the meeting.

8. Other Correspondence

There was none.

9. Reports from Budget & Administration Committee, Conservation Advisory Board, and the Foundation

9.1. Conservation Advisory Board – October 10, 2019

Cynthia Janzen reported on the following recommendations from the Conservation Advisory Board.

Resolution Number CA1935 from Conservation Advisory Board Minutes October 10, 2019 - Westfield Christmas 2020 Ticket Purchase Pilot

BD12, 2709

**MOVED BY: Cynthia Janzen
SECONDED BY: Tom Jackson**

THAT the Conservation Advisory Board recommends to the Board of Directors:

THAT Westfield initiate a pilot program for date specific ticket sales for the 2020 Christmas evening program and further,

THAT staff evaluate the effectiveness of the pilot and report back to CAB regarding its ongoing potential.

CARRIED

Resolution Number CA1936 from Conservation Advisory Board Minutes October 10, 2019 - Visitor Management & Vehicle Parking Review

BD12,2710

MOVED BY: Cynthia Janzen

SECONDED BY: Dan Bowman

THAT the Conservation Advisory Board recommend to the Board of Directors:

THAT Staff be directed to implement the following directions outlined in the report titled “HCA Conservation Area - Visitor Management & Vehicle Parking Review”;

Recommendation #1 – HCA staff implement immediate parking enhancement opportunities at Artaban Road, Tiffany Falls, Devil’s Punchbowl, Tew Falls and Westfield Heritage Village to optimize number of parking spaces, traffic flow and signage;

Recommendation #2- HCA staff undertake steps to consider expansion of the Artaban road parking lot through a Niagara Escarpment development permit;

Recommendation #3 – HCA staff undertake steps to establish an interim parking lot and trail connection to the Dofasco Trail for the Devil’s Punchbowl at the Saltfleet Conservation Area;

Recommendation #4 – HCA staff further examine and explore additional options for safe visitor access to Tiffany Falls;

Recommendation #5 – HCA staff work with various agencies and partners such as City of Hamilton, Tourism Hamilton, Hamilton/Burlington Trails Council etc. to encourage transportation alternatives;

Recommendation #6 – HCA develop a marketing campaign and website enhancements to increase turnover and shorter term stays at areas with limited parking and encourage visitation to less frequented areas and when there is capacity;

Recommendation #7 – HCA staff ensure that the approved 10-year Masterplan Strategy incorporates detailed review of parking at all areas through the Master planning process.

CARRIED

9.2. Foundation Chairman's Report

Margaret Reid presented the report.

Donations

We received a total of **\$89,350** in donations in October. They break down as follows:

- \$50,390 for the Dobson-McKee Outdoor Education Endowment Fund
- \$25,520 for Outdoor Environmental Education
- \$9,650 for the Dundas Valley Trail System
- \$2,125 for our new Tribute Tree Fund which will help fund HCA plantings throughout the watershed.
- The remaining \$1,665 came in donations for Westfield Heritage Village, Tribute Benches, Land Securement, Stewardship and our Area of Greatest Need Fund.

This brings our total for the current fiscal year (Dec 2018 to Oct 31) to **\$572,974**

Events

The Foundation has a fundraiser planned for November 13th

- Adam Shoalts: Modern Day Explorer - Wednesday, November 13, 7:30pm – Westdale Theatre. More information available on the Foundation website and tickets can be purchased online via The Westdale or at the door.

BD12,2711

**MOVED BY: Esther Pauls
SECONDED BY: Cynthia Janzen**

THAT the Foundation Chairman's Report be received as information.

10. Other Staff Reports/Memorandums

10.1. 2020 Fee Schedule

Bruce Harschnitz presented a summary of the report, highlighting changes to the fee schedule from 2019. It was noted that the proposed fees for conservation areas consider the increasing costs of operating properties while providing excellent customer service with competitive offerings. The HCA member pass and conservation area day use passes remained unchanged.

No changes to the fee schedule were proposed for Watershed Planning and Engineering programs and services, beyond the 2% COLA increase, as a comprehensive review of their fees was completed in 2017. In addition, WP&E staff noted regulations are still pending regarding fees and fee policy flowing from the recent changes to the Conservation Authorities Act.

Brad Clark inquired about the rationale for the increased fee for admission to the Eramosa Karst Conservation Area. Bruce advised that maintenance of infrastructure which include washrooms, interpretive signage and greater amount of trails were primary considerations. Bruce further added that the typical length of customer stay was also considered. The potential for decreased visitors was discussed if visitors park on the street and walk in. Staff indicated that due to the increasing population, there were no concerns with decreased visitation.

The potential to increase revenues through marketing for weddings was discussed. Staff advised that marketing staff have completed a small campaign for the Hermitage venue in the Dundas Valley and that HCA is on a wedding related social media/marketing website.

Tom Jackson requested clarification on the aggregate resources act application fee. Scott Peck indicated the fee is for large quarry operations/expansions and that it is an infrequent application type.

The members expressed appreciation for the report.

BD12,2712

**MOVED BY: Tom Jackson
SECONDED BY: Dan Bowman**

THAT the 2020 Fee Schedule as presented be approved.

Brad Clark was recorded as opposed to the increase on the admission fee for the Eramosa Karst Conservation Area.

CARRIED

10.2. 2020 Operating Budget

Neil McDougall presented a summary of the report and answered the members' questions. Neil noted that the budget was developed to move forward with mandated programs and services and strategic plan initiatives in 2020 and that the budget provides sufficient combined revenues to meet expenses.

The members thanked Neil for the presentation. Tom Jackson thanked staff for honouring the City of Hamilton levy target and objective.

The sale of HCA branded "swag" was discussed as a potential method of revenue generation with consideration for undertaking this online. Staff received the direction to explore this opportunity and return to a future Board meeting with an information report. It was noted that clothes for members of the public would need to be differentiated from HCA logo branded uniforms for staff.

BD12,2713

MOVED BY: Jim Cimba

SECONDED BY: Dan Bowman

THAT the 2020 Operating Budget as presented herein be approved.

CARRIED

10.3. Bulk Lumber Order

Matt Hall presented a summary of the report and answered the members' questions. The majority of funds for the bulk lumber purchase were a donation from Arcelor Mittal. The funds will largely be allocated to continued boardwalk improvements on the Dofasco Trail.

Brad Clark commended staff for the trail improvements to-date.

BD12,2714

MOVED BY: Brad Clark

SECONDED BY: Cynthia Janzen

THAT the 2019 HCA Bulk Lumber Order be awarded to Goodfellow Inc. for a total cost of \$ 112,475.68, which includes HST.

CARRIED

10.4. Appointment of Enforcement Officer

Scott Peck presented a summary of the report, introducing Elizabeth Reimer, a new Watershed Officer within the Watershed Planning and Engineering Department.

The Chair thanked Scott for his presentation.

BD12,2715

MOVED BY: Chad Collins

SECONDED BY: Esther Pauls

THAT the HCA Board of Directors appoint Elizabeth Reimer, Watershed Officer, as an Enforcement Officer for the purpose of enforcement of *Ontario Regulation 161/06* (HCA's Regulation of Development, Interference with Wetlands and Alterations to Shorelines and Watercourses) made under the *Conservation Authorities Act, R.S.O. 1990*.

CARRIED

10.5. Current Watershed Conditions as of October 28, 2019

Scott Peck presented a summary of the report, indicating that local watercourses are flowing above average at this time but there are no flooding concerns. The Lake Ontario water levels continue to decline. Watershed conditions are average for this time of year. HCA's reservoirs are halfway between their summer and winter levels. The Christie dam winter draw down is being adjusted as needed for repairs being done to the dam gates.

BD12,2716

MOVED BY: Jim Cimba

SECONDED BY: Brad Clark

THAT the memorandum entitled *Current Watershed Conditions as of October 28, 2019* be received as information.

CARRIED

10.6. Upcoming HCA and Partner Events

Bruce Harschnitz presented a summary of the memorandum, providing an overview of upcoming events. He also highlighted the Road2Hope race recently held at Confederation Beach Park. Esther Pauls praised staff on their contributions to the event, sharing that many participants comment on how much they enjoy the venue. Bruce also provided photos and a video of the new boat lift at Fifty Point Conservation Area and Marina in operation.

BD12,2717

MOVED BY: Chad Collins

SECONDED BY: Dan Bowman

THAT the memorandum entitled Upcoming HCA and Partner Events be received as information.

CARRIED

11. New Business

There was none.

12. In-Camera Items for Matters of Law, Personnel and Property

There was none.

13. Next Meeting – Thursday, December 12, 2019

14. Adjournment

On motion, the meeting adjourned.

Hamilton Conservation Authority

Minutes

Budget & Administration Committee

September 19, 2019

Minutes of the Budget & Administration Committee meeting held on Thursday, September 19, 2019 at Woodend Auditorium, 838 Mineral Springs Road, Ancaster, Ontario, at 6:00 p.m.

Present: Santina Moccio, in the Chair
Dan Bowman
Jim Cimba
Maria Topalovic

Regrets: Lloyd Ferguson

Staff Present: Lisa Burnside, Matt Hall, Bruce Harschnitz, Neil McDougall, Scott Peck, and Jaime Tellier

Others Present: None

1. Chairman's Remarks

The Chair welcomed members and staff. Maria Topalovic was welcomed to the Committee. Regrets for Lloyd Ferguson were indicated for the evening.

2. Declarations of Conflicts of Interest

There were none.

3. Approval of Agenda

The Chair requested any additions or deletions to the agenda. There were none.

BA1926**MOVED BY: Jim Cimba
SECONDED BY: Dan Bowman****THAT the September 19, 2019 Budget & Administration Committee meeting agenda be approved.****CARRIED****4. Chairman's Report on Board of Directors Actions**

The Chair advised the committee that all recommendations from the August 22, 2019 meeting were approved by the Board of Directors, including the revised Administrative By-law and addition of Maria Topalovic to the Budget and Administration Committee.

5. Delegations

There were none.

6. Minutes of Previous Meeting (August 22, 2019)

For clarity, Jim Cimba requested the last sentence of the first paragraph under item 9.5, HCA Purchasing Policy & Procedures, be amended to read, the members requested staff obtain a legal opinion to understand if the policy for staff to sign off on recovering erroneous expenses from staff wages is lawful and permissible via unilateral wage deduction or garnishment. Staff advised the question, as above, had been posed to and answered by legal counsel. The policy has been changed to reflect the response.

The Chair advised the members of an additional change to the minutes under item 9.5. Staff requested the statement that reads the members also confirmed that any project over \$10,000.00 will go to tender, that tenders are opened in public, and that any exemption from a tender report will be submitted to a public committee, be changed to the members also confirmed that any project over \$10,000.00 will go through a formal application process, that any projects anticipated to be over \$100,000 will be opened in public, and that any exemption from a tender report will be tabled at a regular Board meeting which would be open to the public.

BA1927**MOVED BY: Jim Cimba
SECONDED BY: Dan Bowman****THAT the minutes of the Budget & Administration Committee meeting held on August 22, 2018 be approved, as amended.**

CARRIED**7. Business Arising from the Minutes****7.1 HCA Purchasing Policy and Procedures**

Neil McDougall presented a summary of revisions made to the document based on member comments from the previous meeting and answered the members' questions.

The statement addressing the lowest bid, previously part of Section 4.0, was brought out as a separate item, as Section 7.0. The summary table in Section 11 was revised, simplifying the purchasing practices for a variety of circumstances. The policy regarding recovery of erroneous credit card purchases was removed from the policy document to avoid potential complications with the practice. Procedures for auditing credit card purchases were confirmed. Procedures for purchasing at various costs were also discussed. Staff noted there were some minor housekeeping edits needed to finalize the document.

The members expressed appreciation for staff efforts in creating the document to ensure oversight and accountability.

BA1928**MOVED BY: Jim Cimba
SECONDED BY: Maria Topalovic****THAT the Budget & Administration Committee
recommends to the Board of Directors:****THAT the Hamilton Conservation Authority Purchasing
and Contracts Policy and Procedures be approved, with
minor housekeeping revisions as noted at the
September 19, 2019 meeting.****CARRIED****8. Staff Reports/Memorandums****8.1 2020 Capital Budget**

Neil presented a summary of the report, noting that HCA is fortunate to be able to apply for \$2.0 million in block capital funding from the City of Hamilton. The capital budget includes new and major maintenance projects. The projects fall under four major groups, including, Safety and Legislation, Revenue Increase/Cost Reduction, Maintenance of Viability and Development. The four

groups account for 55% of the budget, the remainder is major maintenance. Neil highlighted capital projects that will contribute to HCA's future revenues. He further summarized specific projects within each category. Matt Hall provided photos of examples of projects.

The members discussed the use of a ten-year plan to assist with forecasting capital projects, and potentially to use to apply for additional funds. Staff advised HCA has a ten-year capital plan. In addition, the ten-year master plan schedule, and plans completed under it, help inform the long-term plan for capital projects. Staff further advised, the \$2.0 million capital funding has been typically sufficient for HCA's capital needs. The City of Hamilton has been helpful with unanticipated costs.

A number of projects were discussed in detail. Potential funding sources for the Lake Ontario shoreline protection work were discussed. Staff continue to seek outside funding options.

Members inquired about the status of some projects approved in the past capital budget. Staff indicated those projects were complete. The Lower Spencer Creek habitat rehabilitation is complete, however the system will require additional improvements to implement further recommendations in the Lower Spencer Integrated Subwatershed Study. Future projects will require further study and will be submitted with subsequent projects, as needed.

BA1929

**MOVED BY: Dan Bowman
SECONDED BY: Maria Topalovic**

**THAT the Budget & Administration Committee
recommends to the Board of Directors:**

**THAT the 2020 Capital Budget request as presented
herein be submitted to the City of Hamilton for
consideration and be included in their block funding
budget of 2020.**

CARRIED

9. New Business

There was none.

10. In-Camera Items for Matters of Law, Personnel and Property

There were none.

11. NEXT MEETING

Due a lack of agenda items, the Chair indicated the next meeting, scheduled for October 17th, will be cancelled, and a new meeting added for Thursday, November 21st, 2019. The new meeting date was approved. The meeting will begin at 6:00 p.m. and take place at HCA Main Office, Woodend Auditorium, 838 Mineral Springs Road, Ancaster, Ontario.

The members briefly discussed scheduling for meetings for 2020.

12. ADJOURNMENT

On motion, the meeting adjourned.

October 21, 2019

Nottawasaga Valley Conservation Authority
8195 8th Line
Utopia ON, L0M 1T0

RE: Conservation Authority Levies

Please be advised that at its meeting of October 16, 2019, Council of the Township of Springwater passed the following resolution:

C456-2019

Moved by: Coughlin

Seconded by: Cabral

Whereas the Township of Springwater supports the objects of balance on conservation, environmental stewardship, and sustainability to anchor its operations, planning, services, and strategic vision;

And Whereas the Township of Springwater understands the need for both the Province and its municipalities to deliver clear, costed, and sustainable programs and services for taxpayers;

And Whereas both tiers of government must assess all programs and services to eliminate duplication and balance costs on tests of affordability, health, safety, and environmental stewardship;

And Whereas the Minister of Environment, Conservation, and Parks signaled on August 16, 2019 of a need for conservation authorities to re-focus their operations related to core mandates as currently defined in the Conservation Authorities Act, 1990, R.S.O. 1990, c. C.27 and its prescribed regulations;

And Whereas the Minister of Environment, Conservation, and Parks signaled on August 16, 2019 that Conservation Authorities should not proceed with any increases to fees or levies;

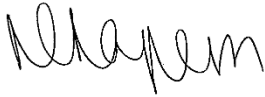
Therefore Be It Resolved That the Township of Springwater supports any Provincial effort to require its municipal levy only apply to core mandated programs and services;

And That this resolution be forwarded to Premier Doug Ford, the Minister of the Environment, Conservation, and Parks, the Honourable Jeff Yurek, the County of Simcoe, all Ontario municipalities, the NVCA and Ontario's other 35 Conservation Authorities, and Conservation Ontario, signaling the Township of Springwater's

support of the Province's review, consultations and development of an updated Conservation Authorities Act and the willingness to participate in all consultations and submissions to the same.

Carried

Sincerely,



Renée Chaperon
Clerk
/cp

cc. Doug Ford, Premier of Ontario
Jeff Yurek, Minister of Environment, Conservation and Parks
The County of Simcoe
Conservation Ontario
Ontario municipalities
Ontario Conservation Authorities

October 21, 2019

Nottawasaga Valley Conservation Authority
8195 8th Line
Utopia ON, L0M 1T0

RE: Nottawasaga Valley Conservation Authority Levy

Please be advised that at its meeting of October 16, 2019, Council of the Township of Springwater passed the following resolution:

C457-2019

Moved by: Coughlin

Seconded by: Moore

Whereas the Township of Springwater, like all municipalities in Ontario must confront fiscal limitations and re-evaluate programs, services, and the financial sustainability of each;

And Whereas the Township of Springwater is a constituent municipality in portions of the watershed under the jurisdiction of the Nottawasaga Valley Conservation Authority and is compelled to remit non-negotiable levy funding to the Authority on an annual basis;

And Whereas the Township of Springwater cannot exercise line-item scrutiny of Nottawasaga Valley Conservation Authority's budget and operations nor does the Authority itself provide detailed substantiation of the same to its member municipalities like the Township of Springwater;

And Whereas the Township of Springwater must account for all taxpayer funds it expends within its operations and that it forwards to local agencies and boards;

Therefore Be It Resolved That the Township of Springwater requests that the Nottawasaga Valley Conservation Authority provide prior to passage of its 2020 budget the following:

- (1) Its interpretation and understanding of its mandated operations as found in the current Conservation Authorities Act, 1990, R.S.O. 1990, c.C.27 and its prescribed regulations;
- (2) The costs of each as determined under (1);
- (3) Detailed definitions and determinations of what can be characterized as non-mandatory programming and service(s);

(4) The costs of each as determined under (3);

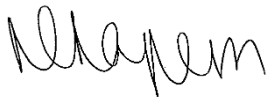
(5) Detailed definitions and determinations of fee-for-service activities of the Nottawasaga Valley Conservation Authority, the revenues they generate as the activities take place within and/or requests originate from geographic area of the Township of Springwater; and

(6) The costs that arise from programs and services enabled through the Memorandum of Understanding with the Severn Sound Environmental Association.

And That this resolution be circulated to Premier Doug Ford, the Minister of the Environment, Conservation, and Parks, the Honourable Jeff Yurek, the County of Simcoe, all Ontario municipalities, the NVCA and Ontario's other 35 Conservation Authorities, and Conservation Ontario.

Carried

Sincerely,



Renée Chaperon
Clerk
/cp

cc. Doug Ford, Premier of Ontario
Jeff Yurek, Minister of Environment, Conservation and Parks
The County of Simcoe
Conservation Ontario
Ontario municipalities
Ontario Conservation Authorities

BEN RYZEBOL, Director of Public Works
PUBLIC WORKS - TELEPHONE: (519) 941-1065
FAX: (519) 941-1802
email: bryzebol@amaranth.ca



374028 6TH LINE, AMARANTH, ONTARIO
L9W 0M6

SUSAN M. STONE, C.A.O./Clerk-Treasurer
TELEPHONE: (519) 941-1007
FAX: (519) 941-1802
email: suestone@amaranth-eastgary.ca

November 22, 2019

NOV 28 2019

Rec'd: _____

File No.: _____

Replied: _____

Hamilton Conservation Authority
838 Mineral Springs Road
Ancaster, ON L9G 4X1

Re: **Nottawasaga Valley Conservation Authority Levies**

Please find below a copy of the resolution adopted by the Township of Amaranth Council, at its November 20, 2019 session, regarding Nottawasaga Valley Conservation Authority Levies:

Moved by C. Gerrits – Seconded by H. Foster

Council do hereby support the Township of Springwater's resolution, dated October 16, 2019, regarding the Nottawasaga Valley Conservation Authority Levies.

And be it further resolved that this motion be circulated to the Premier of Ontario, the Minister of Environment, Conservation and Parks, the County of Simcoe, the Township of Springwater, Conservation Ontario and all Ontario Conservation Authorities.

Carried.

Yours truly,

Susanne McQueen

For Susan M. Stone, A.M.C.T.
CAO/Clerk-Treasurer
Township of Amaranth

October 21, 2019

Nottawasaga Valley Conservation Authority
8195 8th Line
Utopia ON, L0M 1T0

RE: Nottawasaga Valley Conservation Authority Levy

Please be advised that at its meeting of October 16, 2019, Council of the Township of Springwater passed the following resolution:

C457-2019

Moved by: Coughlin

Seconded by: Moore

Whereas the Township of Springwater, like all municipalities in Ontario must confront fiscal limitations and re-evaluate programs, services, and the financial sustainability of each;

And Whereas the Township of Springwater is a constituent municipality in portions of the watershed under the jurisdiction of the Nottawasaga Valley Conservation Authority and is compelled to remit non-negotiable levy funding to the Authority on an annual basis;

And Whereas the Township of Springwater cannot exercise line-item scrutiny of Nottawasaga Valley Conservation Authority's budget and operations nor does the Authority itself provide detailed substantiation of the same to its member municipalities like the Township of Springwater;

And Whereas the Township of Springwater must account for all taxpayer funds it expends within its operations and that it forwards to local agencies and boards;

Therefore Be It Resolved That the Township of Springwater requests that the Nottawasaga Valley Conservation Authority provide prior to passage of its 2020 budget the following:

- (1) Its interpretation and understanding of its mandated operations as found in the current Conservation Authorities Act, 1990, R.S.O. 1990, c.C.27 and its prescribed regulations;
- (2) The costs of each as determined under (1);
- (3) Detailed definitions and determinations of what can be characterized as non-mandatory programming and service(s);

(4) The costs of each as determined under (3);

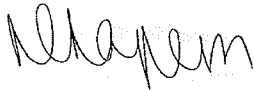
(5) Detailed definitions and determinations of fee-for-service activities of the Nottawasaga Valley Conservation Authority, the revenues they generate as the activities take place within and/or requests originate from geographic area of the Township of Springwater; and

(6) The costs that arise from programs and services enabled through the Memorandum of Understanding with the Severn Sound Environmental Association.

And That this resolution be circulated to Premier Doug Ford, the Minister of the Environment, Conservation, and Parks, the Honourable Jeff Yurek, the County of Simcoe, all Ontario municipalities, the NVCA and Ontario's other 35 Conservation Authorities, and Conservation Ontario.

Carried

Sincerely,



Renée Chaperon
Clerk
/cp

cc. Doug Ford, Premier of Ontario
Jeff Yurek, Minister of Environment, Conservation and Parks
The County of Simcoe
Conservation Ontario
Ontario municipalities
Ontario Conservation Authorities

BEN RYZEBOL, Director of Public Works
PUBLIC WORKS - TELEPHONE: (519) 941-1065
FAX: (519) 941-1802
email: bryzebol@amaranth.ca



374028 6TH LINE, AMARANTH, ONTARIO
L9W 0M6

SUSAN M. STONE, C.A.O./Clerk-Treasurer
TELEPHONE: (519) 941-1007
FAX: (519) 941-1802
email: suestone@amaranth-eastgary.ca

November 22, 2019

Rec'd: NOV 28 2019

File No.: _____

Replied: _____

Hamilton Conservation Authority
838 Mineral Springs Road
Ancaster, ON L9G 4X1

Re: **Conservation Authority Exit Clauses**

Please find below a copy of the resolution adopted by the Township of Amaranth Council, at its November 20, 2019 session, regarding Conservation Authority Exit Clauses:

Moved by C. Gerrits – Seconded by M. Tijssen

Council do hereby support the Township of Ramara's resolution, dated October 28, 2019, regarding Conservation Authority Exit Clauses.

And be it further resolved that this motion be circulated to the Township of Ramara, Conservation Ontario, and all Ontario Conservation Authorities.

Carried.

Yours truly,

Susanne MacQueen

For:

Susan M. Stone, A.M.C.T.
CAO/Clerk-Treasurer
Township of Amaranth



2297 Highway 12,
PO Box 130
Brechtin, Ontario L0K 1B0
p.705-484-5374
f. 705-484-0441

November 7, 2019

Honourable Jeff Yurek
Minister of Environment, Conservation and Parks
College Park 5th Floor
777 Bay St
Toronto, ON M7A 2J3

Re: Conservation Authority Exit Clause

The Council of the Corporation of the Township of Ramara passed the following motion at their regular meeting held October 28, 2019, unanimously by a recorded vote:

WHEREAS the TOWNSHIP OF RAMARA has consistently expressed its view that its watershed conservation authorities are duplicative, financially unaccountable, in conflict with citizens and private property rights;

AND WHEREAS the TOWNSHIP OF RAMARA has encountered the regulatory obstacles to challenge the arbitrary, inefficient, non-transparent, and unsustainable municipal levy forced upon it annually by its watershed conservation authorities;

AND WHEREAS the TOWNSHIP OF RAMARA questions the efficacy and relevance of its watershed conservation authorities' programs and services and their performance in achieving the goals of conservation and environmental stewardship;

AND WHEREAS the TOWNSHIP OF RAMARA finds the current Conservation Authorities Act, 1990, R.S.O. 1990, c. C.27 and its proscribed regulations inconsistent and obsolete;

AND WHEREAS the Minister of Environment, Conservation, and Parks the Honourable Jeff Yurek signaled the province's intent to reconsider and update the Conservation Authorities Act, 1990, R.S.O. 1990, c. C.27 and its proscribed regulations;

THEREFORE BE IT RESOLVED THAT: the TOWNSHIP OF RAMARA support the province's determination that the existing Conservation Authorities Act, 1990, R.S.O. 1990, c. C.27 and its proscribed regulations require review;

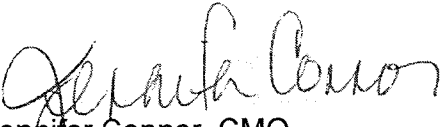
AND THAT the TOWNSHIP OF RAMARA signal to the Ministry of the Environment, Conservation, and Parks of its willingness to participate in all consultations and submissions to the same;

AND THAT further the TOWNSHIP OF RAMARA signal its express desire that an exit clause be provided in any new Conservation Authorities Act to permit municipalities that determine the objects of conservation and environmental stewardship can be provided by alternative governance, programs, and/or services to exist costly and unwarranted conservation authority(ies) jurisdiction(s);

AND THAT this resolution be forwarded the Minister of the Environment, Conservation, and Parks, the Honourable Jeff Yurek, Conservation Ontario, Ontario's thirty-six conservation authorities, and all upper and lower-tier Ontario municipalities.

I trust the above is self-explanatory however if you require further information or clarification, please contact me.

Yours truly,



Jennifer Connor, CMO
Legislative Services Manager/Clerk

JC/cw

c.c. Jill Dunlop, MPP
Conservation Ontario
Ontario Conservation Authorities
Ontario Municipalities

Report

TO: Budget & Administration Committee

FROM: Lisa Burnside, Chief Administrative Officer (CAO)

PREPARED BY: Nancy Watts, Director of Human Resources & Wellness

DATE: November 21, 2019

RE: 2020 Mileage Rate

STAFF RECOMMENDATION

THAT the Budget and Administration Committee recommends to the Board of Directors:

THAT the current mileage rate increase from 53 cents to 54 cents per kilometre effective January 1, 2020.

BACKGROUND

As approved by the Budget & Administration Committee in June 2007 and the Board of Directors in July 2007, a yearly review of mileage is to take place with any change effective January 1. The rate of mileage compensation shall be subject to an annual adjustment based on the year-over-year change in the Consumer Price Index for Private Transportation in Ontario. An increase will take place only if the change would result in a minimum half cent increase in the rate. Staff will also monitor mileage rates from area conservation authorities to ensure our rate does not fall below the average.

STAFF COMMENT

Consumer Price Index (CPI)

The September 2019 year over year CPI for Private Transportation in Ontario did increase by 1.2%.

Area Conservation Authority Mileage Rates

The table below shows a summary of mileage rates from area conservation authorities:

<u>Conservation Authority</u>	<u>Rate – cents per km</u>
Lower Trent	52
Upper Thames	50
Kawartha	50
Grand River	58
Credit Valley	58
Niagara	50
Halton	58
Average	54

Canada Revenue Agency

Canada Revenue Agency publishes a guideline for calculating what is a “reasonable allowance” that would not be deemed to be taxable income. For 2019, that guideline is 58 cents for the first 5,000 km and 52 cents per km thereafter.

Based on the above information, raising the mileage rate to 54 cents per km is recommended for 2020 as the CPI Private Transportation Index has increased in 2019 by more than half a cent. The total km reimbursed in 2018 was 60,790, so increasing the mileage rate by one (1) cent will constitute a less than \$700 increase in expenses for 2020 and the HCA is below average with other area Conservation Authorities.

STRATEGIC PLAN LINKAGE

The initiative refers directly to the HCA Strategic Plan 2019 - 2024:

- Strategic Priority Area - Organization Excellence
 - Continue to update and streamline operational policies and leverage emerging technology to enhance business service delivery

AGENCY COMMENTS

Not applicable.

LEGAL/FINANCIAL IMPLICATIONS

The cost impact of less than \$700 can be accommodated in the 2020 operating budget.

CONCLUSIONS

As the Hamilton Conservation Authority has been found to lagging behind, it is therefore recommended that the 2019 mileage rate of 53 cents per kilometre be increased to 54 cents per km for 2020.

Report Addendum

TO: Budget & Administration Committee

FROM: Lisa Burnside, Chief Administrative Officer (CAO)

PREPARED BY: Jaime Tellier, Executive Assistant / Records Management Coordinator

DATE: November 21, 2019

RE: 2020 Remuneration of Board of Directors and Advisory Board and Committee Members

On review of the honorariums and per diems of nearby Conservation Authorities, included in the original staff report, the members of the Budget and Administration Committee voted and approved to amend the staff recommendation to update the compensation of the Chair and Vice-Chair of the Board of Directors to be commensurate with comparable Conservation Authorities. Specifically, it was recommended to change HCA's honorarium rates for the Chair and Vice-Chair of the Board of Directors to match those of Conservation Halton. HCA's honorarium rates will change from \$9,000.00 per year for the Chair and \$1,700.00 for the Vice-Chair, to \$10,000.00 per year and \$3,000.00 per year, respectively. The recommended changes were noted as recognizing the increased time commitments and responsibilities of the Chair and Vice Chair.

The amended recommendation is as follows:

THAT the Budget and Administration Committee recommends to the Board of Directors:

THAT HCA's honorarium rates for the Chair and Vice-Chair of the Board of Directors be changed to match those of Conservation Halton and the per diem rate for Board of Directors and Advisory Board and Committee members be increased to \$75.00 per meeting, effective January 1, 2020.

Report

TO: Budget & Administration Committee

FROM: Lisa Burnside, Chief Administrative Officer (CAO)

PREPARED BY: Jaime Tellier, Executive Assistant / Records Management Coordinator

DATE: November 21, 2019

RE: 2020 Remuneration of Board of Directors and Advisory Board and Committee Members

STAFF RECOMMENDATION

THAT the Budget and Administration Committee recommends to the Board of Directors:

THAT HCA's honorarium rates for the Chair and Vice-Chair of the Board of Directors remain at their current values and the per diem rate for Board of Directors and Advisory Board and Committee members be increased to \$75.00 per meeting, effective January 1, 2020.

BACKGROUND

Hamilton Conservation Authority's administrative by-law, as approved by the Board of Directors on September 5, 2019, requires the Authority to establish a per-diem rate to be paid to Directors for attendance at General Meetings and Advisory Board or Committee meetings, and at such other business functions as may be from time to time requested by the Chair, through the Secretary-Treasurer. In addition, an honorarium may be approved by the Authority for the Chair and Vice-Chair as compensation for their additional responsibilities. A single per-diem will be paid for attendance at more than one meeting if they occur consecutively on the same day.

The Authority shall also reimburse Directors' and Advisory Board and Committee members reasonable travel expenses incurred for the purpose of attending meetings and/or functions on behalf of the Authority. A per-kilometre rate to be paid for use of a

personal vehicle shall be approved by Resolution of the Board of Directors from time-to-time. Requests for such reimbursements shall be submitted within a timely fashion and shall not exceed Canada Revenue Agency guidelines.

Per the administrative by-law, the Budget and Administration Committee is responsible for investigating, reviewing and making recommendations to the Board of Directors on personnel related matters, including reviewing and making recommendations on members' per diems and honorariums.

STAFF COMMENT

HCA's current honorarium and per diem rates for the Board of Directors and Advisory Board and Committees has been in effect since 2011. The current honorariums for the Chair and Vice-Chair of the Board of Directors are \$9000.00 and \$1700.00 per year, respectively. The current per diem rate for all meeting types is \$60.00 per meeting.

HCA's current remuneration scheme is below that of most neighbouring Conservation Authorities for each category. Table 1 is a comparison chart of the 2019 remuneration rates for nearby Conservation Authorities. Staff propose to retain HCA's current honorarium rates for the Chair and Vice-Chair of the Board of Directors, however, to increase the per diem rate for members of all meeting types to \$75.00 per meeting. The proposed rate is equal to the lowest per diem rate of comparable Conservation Authorities.

Table 1: Comparison of 2019 Honorariums and Per Diems

Conservation Authority	Honorarium Chair, Board of Directors	Honorarium Vice-Chair, Board of Directors	Per Diem Rate
HCA	\$9,000.00	\$1,700.00	\$60.00
Conservation Halton	\$10,000.00	\$3,000.00	\$75.00
GRCA	\$27,025.39	\$2,702.95	\$149.13
CVC	\$13,338.05	\$6,093.45	\$79.48
NPCA	\$6,763.03	\$1,319.15	\$76.10

The total amount of per diems paid in 2018 was \$5,405.00. Based on the number of members and number of meetings held in 2018, the maximum amount of per diem payments could have been \$9,840.00. The proposed increased per diem rate would result in an increase of approximately \$2,460.00 for meetings in 2020.

It should be noted that elected officials do not receive honorariums, per diems, or reimbursement for mileage. In addition, the 2018 revision to the by-laws for the Conservation Advisory Board has set the total number of members at 11. As long-standing members are reaching their term limits, the Conservation Advisory Board is seeing a right-sizing of their membership which will also result in a decreased number of per diem payments per year.

STRATEGIC PLAN LINKAGE

The initiative refers directly to the HCA Strategic Plan 2019 - 2024:

- Strategic Priority Area - Organization Excellence
 - Continue to update and streamline operational policies and leverage emerging technology to enhance business service delivery

AGENCY COMMENTS

Not applicable.

LEGAL/FINANCIAL IMPLICATIONS

The cost implications of the increased per diem rate can be accommodated in the 2020 operating budget.

CONCLUSIONS

As HCA has not increased its per diem rate for some time, the current rate is below that of comparable Conservation Authorities. Therefore, it is recommended that the per diem rate be increased to \$75.00 per meeting, for all meeting types, beginning in January 2020.



Memorandum

TO: Board of Directors

FROM: Lisa Burnside, Chief Administrative Officer (CAO)

RECOMMENDED BY: T. Scott Peck, MCIP, RPP, Deputy Chief Administrative Officer / Director, Watershed Planning & Engineering

PREPARED BY: Jonathan Bastien, Water Resources Engineering

DATE: December 2, 2019

RE: Current Watershed Conditions as of December 2, 2019

CURRENT WATERSHED CONDITIONS – December 2, 2019

Current Water Levels in Major Area Watercourses

Water levels and flows currently range from near baseflows (Ancaster Creek at Wilson Street, and Redhill Creek at Barton Street) to slightly elevated (Stoney Creek at Queenston Road, Upper Spencer Creek at Safari Road, Middle Spencer Creek at Highway 5, and Lower Spencer Creek at Market Street).

That said, there are currently no concerns regarding watercourse flooding or significant public safety.

Current Lake Ontario Water Levels

Currently, the Lake Ontario mean daily water level is approximately 75.09 m IGLD85. This is about 49 cm above average for this time of year, and about 83 cm below this year's historic peak level of 75.92 m (last recorded on June 15th).

There are currently no observations, reports, or expectations of shoreline flooding or active significant shoreline erosion at this time.

Current Storages in HCA Reservoirs

Based on current reservoir levels at Christie Lake Dam (approximately 765.50 ft), the reservoir is presently within the typical winter operating levels (765.0 to 765.5 ft), and is at about 17 percent of its preferred maximum (summer) storage capacity (corresponding to a water level of 773 ft). In general, reservoir levels will continue to decrease and then be maintained slightly below 765.00 feet, to support the ongoing maintenance activities to the dam radial gates (lead paint removal and lift cable replacement).

Based on current reservoir levels at Valens Dam (about 274.50 m), the reservoir is presently just above typical winter operating levels (274.15 to 274.30 m) and is at about 55 percent of its preferred maximum (summer) storage capacity (corresponding to a water level of 275.5 m). In general, reservoir levels will continue to decrease as part of the typical annual drawdown of the reservoir towards winter levels.

Current Soil Conditions

Soil moisture in the surface and root-zone soils are expected to be moist and partially frozen.

RECENT STORM EVENTS

During the period of mid-October to now, there were no significant watercourse flooding or Lake Ontario Shoreline erosion / flooding events. However, two storm events warranted issuing flood messages and close monitoring of conditions.

Watercourse Flooding

October 30th to November 2nd

The Hamilton area received between 25 and 45 mm of rain on October 30th & 31st. This resulted in elevated water levels and flows in area watercourses, with the maximum water levels occurring between October 31st and November 2nd. However, there were no reports, observations, or expectations of significant watercourse flooding, nor significant public safety concerns.

Prior, during, and after this storm event, HCA engineering staff closely monitored conditions, and issued the following messages to communicate the potential watercourse flooding conditions to the City and public:

- Flood Watch on October 30th
- Termination of Flood Watch on November 4th

Lake Ontario Shoreline Flooding and Erosion

November 30th to December 2nd

Forecasts expected sustained east and north-east winds of up to 35 km/hr, with wind gusts of up to 70 km/hr. There was an increased risk of significant localized flooding

and erosion along Hamilton's shoreline, due to the storm surge and wave action caused by these winds.

In the lead up to, and during, this potential storm event, HCA engineering staff closely monitored conditions, and issued the following messages to communicate the potential Lake Ontario Shoreline erosion / flooding to the City and public:

- Flood Watch – Lake Ontario Shoreline on November 29th

Maximum Lake Ontario water levels in the area were approximately 75.2 m IGLD85. Maximum wave heights of up to 2.1 m are expected to have occurred in this area. However, there were no reports or observations of significant shoreline erosion or flooding.

RECENT PRECIPITATION SUMMARY

The total precipitation amounts received in the HCA watershed over the last few months are considered average to above average, and do not indicate drought conditions.

FORECASTED WATERSHED CONDITIONS

Lake Ontario Shoreline Erosion / Flooding

There is currently no significant Lake Ontario shoreline erosion / flooding anticipated within the watershed over the next 5 days.

According to International Lake Ontario – St. Lawrence River Board information, Lake Ontario water levels are expected to continue declining over the coming weeks. However, with high inflows from Lake Erie expected to continue, water levels will remain near seasonal highs for at least the next several weeks.

Watercourse Flooding

There are currently no significant rainfall or snowmelt events (+20 mm in a day) anticipated for the watershed over the next 2 weeks.

Resultant water levels and flows from forecasted rain and snowmelt are not expected to pose significant watercourse flooding concerns.

SYNOPSIS

As of December 2nd, 2019, there are no expectations of significant watercourse flooding, Lake Ontario shoreline erosion / flooding, or watershed drought.

Upcoming 2019 HCA & Partner Events

'Twas the Night Before Christmas

Saturday Evenings in December – 7, 14, 21 5:00 - 9:00 pm

Westfield Heritage Village

1049 Kirkwall Road, Rockton, ON L0R 1X0

Enjoy Westfield by candlelight and feel the warmth of the season through music, food samples, fireworks and a visit from Father Christmas. Christmas shopping is available at the Gift Shop and the restaurant features light meals and refreshments. For more information visit www.westfieldheritage.ca