

BOARD OF DIRECTORS MEETING AGENDA

THURSDAY, NOVEMBER 2, 2017

Hamilton Conservation Authority

Vision

HCA works to ensure healthy streams and healthy communities in which human needs are met in balance with the needs of the natural environment, now and in the future.

Mission

To lead in the conservation and sustainable management of our watershed's natural environment.



**Hamilton
Conservation Authority**

Healthy Streams...Healthy Communities!

Valens Lake Conservation Area

AGENDA FOR BOARD OF DIRECTORS MEETING

Thursday, November 2, 2017 at 7:00 p.m.

- 1. CALL TO ORDER** ~ Pasuta
- 2. DECLARATION OF CONFLICT OF INTEREST**
- 3. APPROVAL OF AGENDA**
- 4. DELEGATIONS**
 - 4.1 International Lake Ontario – St. Lawrence River Board
 - ~ Gail Faveri, International Lake Ontario – St. Lawrence River Board
 - ~ Mike Shantz, Great Lakes St. Lawrence Adaptive Management Committee
- 5. MEMBER BRIEFING**
- 6. APPLICATIONS – Development, Interference with Wetlands, and Alterations to Shorelines and Watercourses**
 - 6.1 Applications for November 2, 2017 ~ Tellier
- 7. APPROVAL OF MINUTES OF PREVIOUS MEETING**
 - 7.1 Minutes – October 5, 2017
- 8. BUSINESS ARISING FROM THE MINUTES**
- 9. PRE-DISTRIBUTED CORRESPONDENCE**
- 10. OTHER CORRESPONDENCE**
- 11. REPORTS**
 - 11.1 Foundation Chairman’s Report ~ Wauben
- 12. OTHER STAFF REPORTS/MEMORANDUMS**
 - 12.1 9 Month Financial Results ~ McDougall
 - 12.2 Vendor Report ~ McDougall
 - 12.3 2018 Operating Budget ~ McDougall
 - 12.4 Fee Schedule for 2018 ~ Costie
 - 12.5 Current Watershed Conditions as of October 21, 2017 ~ Bastien
 - 12.6 Upcoming HCA and Partner Events ~ Costie
- 13. NEW BUSINESS**
- 14. IN-CAMERA ITEMS FOR MATTERS OF LAW, PERSONNEL AND PROPERTY**
- 15. NEXT MEETING - Thursday, December 7, 2017**
- 16. ADJOURNMENT**



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 and Engineering

PREPARED BY: Jaime Tellier, Watershed Officer

DATE: October 19, 2017

RE: Summary Enforcement Report – Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation 161/06 Applications for November 2, 2017

HCA Regulation applications approved by staff between the dates of September 15, 2017 and October 18, 2017 are summarized in the following Summary Enforcement Report (SER-09/17).

RECOMMENDATION

THAT the Board of Directors receive this Summary Enforcement Report SER-09/17 as information.

HAMILTON REGION CONSERVATION AUTHORITY

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

October 19, 2017

Development, Interference with Wetlands, and Alterations to Shorelines and Watercourses Applications Report to the Board of Directors of the Hamilton Region Conservation Authority, November 02, 2017

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

SUMMARY ENFORCEMENT REPORT SER 09/17

F/F,C/17/28	05-May-17	03-Oct-17	40		680 Hwy 8 Lot 23, Concession 4 Flamborough	Construction of the Beverly Central Elementary School in a regulated area of the Sheffield-Rockton Provincially Significant Wetland Complex and West	Approved subject to standard conditions
D/C/17/83	04-Oct-17	16-Oct-17	11		56 Cross St Lot 16, Concession 1 Dundas	Installation of an in-ground pool in the Regulatory Floodplain of Sydenham Creek.	Approved subject to standard conditions

4.3 Delegation – David Murray

David Murray provided a verbal presentation. He indicated that he is new to the area and discovered the well just a few years ago. He indicated that he has done a lot of research on this and the previous owner “The Bill Kennedy Family” wanted the community to have an alternate source of water supply. The well should be left open, not gated, with open access to the public.

4.4 Delegation – Erin Davis

Erin Davis provided a verbal presentation and indicated that the public are all here for their own personal issues.

Erin made many points during her presentation and indicated that the property is the legacy of the Kennedy Family and he deeded this property to the public in perpetuity.

5. **MEMBER BRIEFING**

There was none.

6. **APPLICATIONS - DEVELOPMENT, INTERFERENCE WITH WETLANDS, AND ALTERATIONS TO SHORELINES AND WATERCOURSES**

(Copies of the supporting staff report are available from the Authority's Administration Office)

Darren Kenny presented the report.

BD12,2467 MOVED BY: Aidan Johnson
SECONDED BY: Dan Bowman

THAT the Board of Directors receive the Summary Enforcement Report SER – 08/17.

CARRIED

7. **MINUTES OF PREVIOUS MEETING (September 7, 2017)**

BD12,2468 MOVED BY: Lloyd Ferguson
SECONDED BY: Susan Fielding

THAT the Board of Directors approve the following recommendation:

Motion to Receive the Minutes

BD12,2473 **MOVED BY:** **Santina Moccio**
SECONDED BY: **Dan Bowman**

THAT the minutes of the Budget & Administration Committee meeting held on September 21, 2017 be approved.

CARRIED11.2 Foundation Chairman's Report

Fred Fuchs, Vice Chair reported on the following:

- Total Donations for September - \$136,042 as follows:
 - \$120,000 for Land Acquisition in the Cootes to Escarpment EcoPark System
 - \$10,105 for Outdoor Environmental Education
 - \$3,500 for memorial benches
 - \$1,530 for the Dundas Valley Fund
 - The remaining \$907 came in donations for Land Acquisition, Tree Planting, Fifty Point Trail Loop, Westfield Heritage Village and our General Fund
- Year-to-Date:
 - This brings our cumulative fiscal-year (December 2016 to September 2017) donations to \$339,301
- Events:
 - Fotek Planting:

Friends of the Eramosa Karst, in collaboration with the Foundation, did a planting on Saturday, September 30 where 150 trees and shrubs were planted on the Eramosa Karst Feeder Lands with 80 volunteers.
 - Nature Crawl:

The Foundation's annual Nature Crawl donor and friend event is scheduled for Saturday, October 14. An invitation was distributed by email earlier this week and a paper copy is at each Director's seat.

BD12,2478 **MOVED BY:** **Susan Fielding**
SECONDED BY: **Maria Topalovic**

THAT the Board of Directors moves out of *in camera*.

CARRIED

14.3 Ancaster Wells

Lloyd Ferguson presented the motion.

BD12,2479 **MOVED BY:** **Lloyd Ferguson**
SECONDED BY: **Chad Collins**

THAT the Board of Directors approve the following recommendations:

WHEREAS the Ancaster Well's site has been under the HCA's ownership and jurisdiction since the late 1990s and is an open public water source; and

WHEREAS new regulations for drinking water quality standards are coming into effect January 1, 2018, specifically related to arsenic concentrations where the maximum legal limit for arsenic in drinking water wells, as established by the Ontario Ministry of Environment and Climate Change, will be reduced to 0.010mg/L; and

WHEREAS the concentration of arsenic in the water at the Ancaster Well has always been below the existing legal limit of 0.025mg/L, consistently measuring between 0.017mg/L and 0.023mg/L over the past 5 years, but it will fail to meet the new standard; and

WHEREAS the current manner of operations of the Ancaster Wells suggest that it is considered a small drinking water system subject to the new regulations and is considered such by Hamilton Public Health Services; and further

WHEREAS Hamilton Public Health Services has recently indicated that, with an alteration in the manner of operation with such alteration requiring modifications to restrict open public access, appropriate signage and sign off of a waiver the Ancaster Wells may not be

considered and regulated as a small drinking water system;

THEREFORE BE IT RESOLVED:

THAT subject to confirmation in writing to the HCA from the Insurance Carrier that this change of operation does not negate general liability coverage; and

THAT subject to inspection and approval of the change of operation being provided to the HCA by the Medical Officer of Health, City of Hamilton, Public Health Services and to the satisfaction of the HCA; and further

THAT subject to any other application Legislation.

It is recommended that the Authority Board endorse a change in operations of the Ancaster Wells (as the preferred option rather than closing) as follows:

THAT fencing be erected around the well taps with restricted gate entry; and

THAT access to the gate be restricted to members of the public that have signed a legally approved waiver acknowledging that the water is not provided for drinking water purposes, is not tested, and is known to contain arsenic and high levels of sodium and any other information as required; and

THAT a sign be erected in the vicinity on the taps with information similar to that on the waiver; and

THAT members of the public who have signed the aforementioned waiver pay a one-time \$10 fee to cover administration costs to install and maintain the fencing and restricted gate access system as well as staff costs to create and provide swipe cards and waiver forms; and

THAT staff be directed to create other such policies as required in regard to frequency of waiver acknowledgement, lost cards, daily inspection of gate access etc.; and further

THAT best efforts be taken to implement the above changes prior to January 1, 2018.

CARRIED

Aidan Johnson is noted as opposed to the resolution.

15. NEXT MEETING

The next meeting of the Board of Directors will be held on Thursday, November 2, 2017 at 7:00 p.m. at Woodend Auditorium, 838 Mineral Springs Road, Ancaster, Ontario.

16. ADJOURNMENT

On motion, the meeting adjourned.



Memorandum

TO: Board of Directors

FROM: Lisa Burnside, Chief Administrative Officer (CAO)

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

PREPARED BY: Jonathan Bastien, Water Resources Engineering

DATE: October 19, 2017

RE: Current Watershed Conditions as of October 19, 2017

CURRENT WATERSHED CONDITIONS

Current Water Levels in Major Area Watercourses – October 19, 2017

Based on data from HCA stream gauges (6), water levels and flows are currently near baseflow conditions to slightly elevated at all of these locations. These current water levels are well below critical levels and there are presently no watercourse flooding concerns.

The previously issued Watershed Conditions Statement (Flood Outlook) was terminated on October 2. Although current Lake Ontario water levels remain above normal (25 cm above average), water levels are 40 cm below the record-highs for this time of year (set in 1945) and 105 cm below this year's peak levels. The Lake Ontario mean daily water level is currently approximately 74.85 m IGLD85. Lake Ontario water levels have been generally declining recently. This decline is expected to continue in the coming days, however, water levels are presently forecasted to remain above normal over the coming month(s).

In addition, strong winds and associated wave action may occur in the future, resulting in increased risk of shoreline erosion and localized flooding along Hamilton's shoreline. Strong winds occurring from the north or east would pose the primary concern for wave-related hazards.

During the period of mid-September to mid-October, there were two significant wind events which warranted issuing a Flood Watch, due to increased potential for Lake Ontario shoreline erosion and localized flooding along Hamilton's shoreline (September 29 and October 11).

Recent Precipitation

Based on data from HCA rain gauges (8), over October 1 – 18 the HCA watershed received 34 to 71 mm of rain. Based on Environment Canada Hamilton Airport station rain data, October 1 – 18 received an estimated 77 mm total precipitation. These totals are indicative of normal to above normal with respect to long term averages (LTA). The LTA for October is 72 - 73 mm total precipitation.

Based on data from HCA rain gauges (7), over September the HCA watershed received 18 to 27 mm of rain. Based on Environment Canada Hamilton Airport station rain data, September received an estimated 18 mm total precipitation. These totals are well below normal with respect to long term averages (LTA). The LTA for September is 79 - 82 mm total precipitation.

Based on data from HCA rain gauges (5), over August the HCA watershed received 57 to 83 mm of rain. Based on Environment Canada Hamilton Airport station rain data, August received an estimated 75 mm total precipitation. These totals are slightly below normal to slightly above normal with respect to long term averages (LTA). The LTA for August are 72 - 89 mm total precipitation.

Based on data from available HCA rain gauges, over the period of July - September the HCA watershed received 155 to 170 mm of rain. Based on Environment Canada Hamilton Airport station rain data, this period received an estimated 205 mm total precipitation. These totals are 64 to 84 percent of long term averages (LTA), and were largely influenced by the low amount of rain received in September.

Recent analysis suggests that the watershed may be approaching a Level 1 low water condition, due to the significantly reduced amount of rain in September. Conditions will be re-assessed in early November to confirm and to determine appropriate response.

Storages in Reservoirs

Based on current reservoir levels at Christie Lake Dam, the reservoir is presently near typical summer operating level, and is at 65 percent of its preferred typical maximum storage capacity.

Based on current reservoir levels at Valens Dam, the reservoir presently is near its typical summer operating level, slightly below its preferred typical maximum storage capacity and is at 60% of its maximum design storage capacity.

Soil Conditions

Based on available up-to-date Environment Canada remote sensing data, the surface and root-zone soil moisture content in the watershed is about 0.15 to 0.25, which approximately indicates moist conditions.

FORECASTED WATERSHED CONDITIONS

There are currently no significant rainfall events (+20 mm) anticipated for the watershed over the next two weeks. Watercourse water levels and flows may still become elevated at times over the next two weeks due to smaller amounts of precipitation received. However, water levels are currently expected to remain below critical levels and not present significant watercourse flooding concerns.

Lake Ontario water levels are presently forecasted to remain above normal over the coming month(s).

SYNOPSIS

As of October 19, 2017, no watercourse flood or low water response is required.

However, recent analysis suggests that the watershed may be approaching a Level 1 low water condition, due to the significantly reduced amount of rain in September. Conditions will be re-assessed in early November to confirm and to determine appropriate response. Also, due to the above normal Lake Ontario water levels, strong winds and associated wave action may occur in the future, resulting in increased risk of shoreline erosion and localized flooding along Hamilton's shoreline. HCA engineering staff continue to closely monitored conditions.



UPCOMING HCA EVENTS

Haunted Halloween

Friday, October 27 and Saturday, October 28 - 6:30 – 9:30 pm

Westfield Heritage Village

1049 Kirkwall Road, Rockton, ON L0R 1X0

Something curious is happening in the village! Find out what as you explore by lantern, pumpkins and moonlight. For more information visit www.westfieldheritage.ca

Ghost Walks

October 31: 7:00 PM / 7:30 PM / 8:30 PM

Dundas Valley Conservation Area

Hermitage Parking Lot, Sulphur Springs Road, Dundas

Walk into the haunted woods at night with the only tour of its kind anywhere! Experience the conflict between calm and fear. A quiet stroll in the forest mixed with dark energy from one of the oldest communities in Ontario. Soon you arrive at a place filled with ghost stories told over generations at this hidden historic gem. It's just your group, alone in the dark with ghosts. Stories of tragic love, cults and the coachman who still walks among the trees. Visit www.ghostwalks.com for more information.

'Twas the Night Before Christmas

Saturday Evenings on December – 2, 9, 16 - 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