

**NORTH BAY-MATTAWA CONSERVATION AUTHORITY
MINUTES
of the**

ELEVENTH Meeting of the North Bay-Mattawa Conservation Authority held at 5:30 p.m. on December 18, 2019 in the North Bay-Mattawa Conservation Authority Marc Charron Boardroom, 15 Janey Avenue North Bay, Ontario.

MEMBERS PRESENT:

Bonfield, Township of	-	Jane Lagassie	(5:35pm – 5:57pm)
Chisholm, Township of	-	Nunzio Scarfone	(5:35pm – 5:57pm)
East Ferris, Municipality of	-	Pauline Rochefort	(5:35pm – 5:57pm)
Mattawa, Town of	-	Loren Mick	(5:37pm – 5:57pm)
Mattawan, Municipality of	-	Michelle Lahaye	(5:35pm – 5:57pm)
North Bay, City of	-	Chris Mayne	(5:35pm – 5:57pm)
North Bay, City of	-	Dave Mendicino	(5:35pm – 5:57pm)
North Bay, City of	-	Simon Blakeley	(5:35pm – 5:57pm)
Papineau –Cameron, Township of	-	Shelley Belanger	(5:35pm – 5:57pm)
Powassan, Municipality of	-	Dave Britton	(5:35pm – 5:57pm)

MEMBERS ABSENT:

Callander, Municipality of	-	Robb Noon
Calvin, Township of	-	Dean Grant

ALSO PRESENT:

Ann Convery, Accounts Payable Clerk
Adam Whyte, Supervisor, Maintenance
Brian Tayler, CAO, Secretary-Treasurer
Chris Ridler, Enbridge
David Ellingwood, Supervisor, Source Water Protection
Helen Cunningham, Manager, Finance & Human Resources
Kurtis Romanchuck, Water Resources Engineer
Layne Duquette, Lead Hand
Madeleine Poitras, Database Management Technician
Paula Lornager, Community Relations Coordinator
Paula Scott, Director, Planning & Development/Deputy CAO
Rebecca Morrow, Administrative Assistant
Sasha Fredette, Inspector, Onsite Sewage Systems
Shawn Kozmick, GIS Specialist
Sue Buckle, Manager, Communications & Outreach
Valerie Murphy, Regulations Officer

1. Chairs Remarks

Chris Mayne welcomed everyone to the meeting and extended regrets on behalf of Robb Noon and Dean Grant. He also welcomed Chris Ridler from Enbridge. Mr. Ridler presented a cheque to Chair Chris Mayne in support of the Chippewa Creek Eco Path. The Chair thanked Mr. Ridler for his generous donation and support of this important endeavour. After a photo opportunity the meeting was called to order.

2. Approval of the Agenda

After discussion the following resolution was presented:

Resolution No. 97-19, Blakeley-Lagassie

THAT the agenda be approved as presented.

Carried Unanimously

3. Confirmation of Delegation(s)

No delegations.

4. Delegations

None

5. Adoption of Previous Minutes of November 18, 2019

After discussion the following resolution was presented:

Resolution No. 92-19, Lahaye-Scarfone

THAT the minutes from the November 27, 2019 meeting are adopted as amended.

Carried Unanimously

6. Declaration of Pecuniary Interest

None declared.

7. Section 28 Approvals

The members reviewed the reports. After discussion, the following resolutions were presented:

Resolution No. 99-19, Rochefort-Mendicino

THAT the Development, Interference with Wetlands and Alterations to Shorelines and Watercourses report dated December 9, 2019 is received and appended to the minutes of this meeting.

Carried Unanimously

8. Flood Advisors Report

Brian Tayler presented the highlights of the Flood Advisors Report. After discussion, the members requested that a full copy of the report be sent to them via email. The members thanked Brian for the update, and extended thanks to the staff for their expertise and dedication during the 2019 flooding event. The following resolution was then presented:

Resolution No. 100-19, Belanger-Lagassie

THAT the Report from the Ontario Special Advisor on Flooding dated December 18, 2019 is received and appended to the minutes of this meeting.

Carried Unanimously

9. Laurentian Ski Hill and Snowboarding Club (LSHSC)

Brian Tayler presented a verbal update on Laurentian Ski Hill and Snowboarding Club. He advised members that LSHSC will be opening soon. He also updated the members on the Canada Revenue Agency (CRA's) audit recommendations that interest should be applied to the existing agreement with the LSHSC. As a result, Brian informed members that he is working on an addendum to the existing loan agreement with the LSHSC. After discussion, the members thanked Brian for his

update, and the following resolution was presented:

Resolution No. 101-19, Britton-Mendicino

THAT the Board Members direct staff to amend the Laurentian Ski Hill and Snowboarding Club Debt Settlement Agreement to include an interest charge on the loan at Fair Market Value as required by the Canada Revenue Agency .

Carried Unanimously

10. New Business

None noted

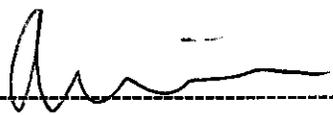
15. Adjournment (5:57p.m.)

As there was no new business, the following resolution was presented:

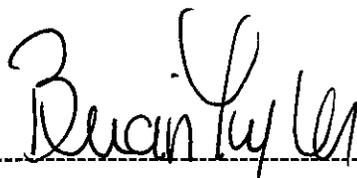
Resolution No. 102-19, Blakeley-Mick

THAT the meeting be adjourned, and the next meeting be held at 5:30 pm Wednesday January 29, 2020 at the Authority office, 15 Janey Avenue, North Bay, Ontario or at the call of the Chair.

Carried Unanimously



Dave Mendicino, Chair



Brian Tayler, Chief Administrative Officer, Secretary Treasurer

TO: The Chairman and Members
of the Board of Directors,
North Bay-Mattawa Conservation Authority

ORIGIN: Valerie Murphy, Regulations Officer

DATE: December 9, 2019

SUBJECT: Report On Development, Interference with Wetlands, and
Alterations to Shorelines and Watercourses Permits for board
approval

Background:

Section 28 of the *Conservation Authorities Act*, and subsequently Ontario Regulation 97/04 empowers each Conservation Authority to establish their own regulation to prevent the loss of life and property due to flooding and erosion, and to conserve and enhance natural resources. On May 4, 2006 the North Bay-Mattawa Conservation Authority (NBMCA) received its regulation entitled the Development, Interference with Wetlands, and Alterations to Shorelines and Watercourse Regulation (Ontario Regulation 177/06). This regulation will continue to be used as the tool by which the NBMCA manages issues related to development in natural hazard areas including areas with floodplains, wetlands and steep slopes. Within this regulation, a permit may be given by an Authority for development applications within the Authority's jurisdiction for:

28(1)(b) prohibiting, regulating or requiring permission of the authority for straightening, changing, diverting or interfering in any way with the existing channel of a river, creek, stream or watercourse, or for changing or interfering in any way with a wetland;
28(1)(c) prohibiting, regulating or requiring the permission of the authority for development if, in the opinion of the authority, the control of flooding, erosion, dynamic beaches or pollution or the conservation of land may be affected by the development. (Conservation Authorities Act, R.S.O. 1990, Chapter C.27).

On February 8, 2013, the amended Ontario Regulation 177/06 came into effect. These amendments were approved by the NBMCA Board of Directors on December 19, 2012. One of the amendments that was included, and which was approved by the NBMCA Board of Directors, included the delegation of approvals of permit applications to the following designated employees:

- Chief Administrative Officer, Secretary-Treasurer
- Director, Planning & Development

As such, this Board Report is being presented to the NBMCA Board of Directors for information purposes.

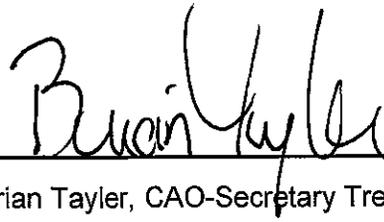
Analysis:

One new permit was issued by the Conservation Authority in 2019 since the previously approved minutes as per the policies, procedures and guidelines of the NBMCA under Development, Interference with Wetlands and Alterations to Shorelines and Watercourses Regulation. A table summarizing the details of this permit is attached to this report.

This permit was issued for the construction of a new boardwalk, reconstruction of an existing boardwalk and the installation of a temporary culvert within Laurier Woods Conservation Area.



Valerie Murphy, Regulations Officer



Brian Tayler, CAO-Secretary Treasurer

DEVELOPMENT, INTERFERENCE WITH WETLANDS AND ALTERATIONS TO SHORELINES AND WATERCOURSES

FOR NBMCA BOARD INFORMATION ON: December 9, 2019 PERMIT YEAR: 2019

File No.	Name of Applicant	Municipality	Legal Description/Address	Name of Regulated Feature	Nature of Work	Date Complete Application Received	Development Interference With Wetlands and Alterations to Shorelines and Watercourses Permit Not Date of Issuance
RNB-19-73	NBMCA and Friends of Laurier Woods	North Bay	484404006218610 00000 Laurier Woods Conservation Area	Parks Creek Provincially Significant Wetland	To construct a new boardwalk on cribs, to reconstruct an existing boardwalk and install a temporary culvert	November 1, 2019	#121-19 November 18, 2019

TO: The Chairman and Members
of the Board of Directors,
North Bay – Mattawa Conservation Authority

ORIGIN: Brian Tayler, CAO / Secretary-Treasurer
Sue Buckle, Manager Communications and Outreach

DATE: December 18, 2019

SUBJECT: Report from Ontario Special Advisor on Flooding

Background:

During the spring of 2019, heavy rains paired with melting snow and a sudden temperature increase led to devastating flooding across many areas throughout northern and southern Ontario, including the watersheds within the North Bay-Mattawa Conservation Authority jurisdiction.

In response to these flood events, the provincial government announced that it would undertake consultation on the province's current flood mitigation and land use planning policies. On July 18, 2019, Doug McNeil was appointed by the Honourable John Yakabuski, Minister of Natural Resources and Forestry (MNRF), to review the province's current flood management framework. In addition to considering policies and activities which influenced spring flooding, he was to review both Great Lakes and urban flooding. As Special Advisor on Flooding, Mr. McNeil was tasked with providing expert advice to the Minister, and to make recommendations to the government on opportunities to improve the existing flood policy framework.

As part of his considerations, Mr. McNeil conducted a nine-day seven-community tour over two weeks in early September, including a roundtable meeting in North Bay, hosted by NBMCA, attended by representatives from regional municipalities, NBMCA, MNRF, and Public Service and Procurement Canada. NBMCA subsequently submitted a brief directly to the Special Advisor on Flooding focusing on the flooding within NBMCA's jurisdiction and recommendations for moving forward. The Board was previously provided with a copy of this report.

Mr. McNeil's Report to the Minister of Natural Resources and Forestry was made public on November 28, 2019 and contained 66 recommendations, a number of which relate either directly to Conservation Authorities or could indirectly impact the operations of Ontario CAs.

Analysis:

The report recognizes the critical role that conservation authorities (CAs) play in Ontario's flood management. Flood management in Ontario is a shared responsibility among municipalities, emergency management officials, the Province and conservation authorities. This report recognizes the value of the conservation authority model and recommends that the Province 'consult with the conservation authorities on their application of the natural hazards-based approach and risk-based approach to managing flooding'.

The 66 recommendations made in the Report are attached, highlighting the recommendations which relate to Conservation Authorities. (The full report can be viewed online at <https://www.nbmca.ca/watershed-management/flood-forecasting/spring-2019-flood-event-updates/>)

Conservation Authorities, through Conservation Ontario, are engaged in ongoing discussions with the MNRF regarding the development of regulations for the recently revised Conservation Authorities Act. It is anticipated that the recommendations made to the Province in the Special Advisor on Flooding's Report could impact the development and direction of these regulations. The Province is still considering the Report's recommendations.

Recommendation:

The Board of Directors receives this report and append it to the minutes of this meeting.

RECOMMENDED RESOLUTION:

That the Board receives this report and append it to the minutes of this meeting.



Sue Buckle, Manager Communications & Outreach



Brian Tayler, CAO/Secretary-Treasurer

Recommendations

Author's note: Implementation of many of the recommendations in this report are focused on agencies outside the jurisdiction or control of the Ministry of Natural Resources and Forestry (MNRF). In those cases, I would expect that the MNRF can initiate discussions with the particular agency to try and seek agreement for implementation, in full or in part.

<p>Recommendation #1</p>	<p>That the MNRF proceed as expeditiously as possible to finalize its proposed regulation under the <i>Conservation Authorities Act</i> and submit it to Cabinet for approval.</p>
<p>Recommendation #2</p>	<p>That the MNRF consult with the conservation authorities on their application of the hazards-based approach and the risk-based approach to managing flooding.</p>
<p>Recommendation #3</p>	<p>That the following be incorporated into the Provincial Policy Statement:</p> <ul style="list-style-type: none"> • The reference to “impacts of a changing climate” throughout the Provincial Policy Statement helps to bring it to everyone’s attention and should be included in the Preamble as well. • Either in the body of the PPS or in the definitions section, reference should be made specifically to the requirement for conservation authorities to regulate development activities in hazardous lands as required in the <i>Conservation Authorities Act</i>. • That “d) Transportation and Infrastructure Corridors, Airports, Solid and Liquid Waste Management” be added to Section 3.1.5 of the Provincial Policy Statement.
<p>Recommendation #4</p>	<p>That the MNRF update floodplain mapping technical and implementation guidelines recognizing new technology and approaches for flood hazard and flood risk mapping, and that the MNRF collaborate with conservation authorities on this initiative.</p>

<p>Recommendation #5</p>	<p>That the Province update its technical guides pertaining to floods and natural hazards. This should include undertaking a review of the flood event standards (e.g. 1%, Timmins storm, Hurricane Hazel), with a view to providing for current science and climate change, such as a specified minimum freeboard. This should also include reviewing the floodplain areas (floodway, floodway fringe, shoreline setbacks) as well as reviewing and updating, where appropriate, Great Lakes flood level values and shoreline erosion hazard methodologies and allowances.</p>
<p>Recommendation #6</p>	<p>That the Province establish a working group with provincial departments, conservation authorities and municipalities to prepare a multi-year approach to floodplain mapping.</p>
<p>Recommendation #7</p>	<p>That the federal government be encouraged to extend the National Disaster Mitigation Program or develop a successor program, so that municipalities, conservation authorities, and Ontario and Quebec (in consideration of the Ottawa River) can undertake or update floodplain mapping in all critical areas.</p>
<p>Recommendation #8</p>	<p>That the Province consider the establishment of a provincial Elevation Mapping Program and commit to the annual funding requirements.</p>
<p>Recommendation #9</p>	<p>That the Province consider establishing a provincial custodian for floodplain mapping information and make the necessary updates to policies, regulations and legislation.</p>
<p>Recommendation #10</p>	<p>That the Ministry of the Solicitor General implement the Auditor General's recommendations regarding a governance framework for emergency management and updating continuity of operations programs as soon as possible.</p>
<p>Recommendation #11</p>	<p>That the Province consider whether the <i>Emergency Management and Civil Protection Act</i> needs to be amended with a view to clarifying roles and responsibilities of identifying hazardous areas.</p>

<p>Recommendation #12</p>	<p>That the MNRF consider working with Conservation Ontario and the Association of Municipalities of Ontario to determine how the experience and information developed by municipalities and conservation authorities of identifying hazardous areas can be transferred to municipalities without a conservation authority.</p>
<p>Recommendation #13</p>	<p>That the Province consider legislative amendments that clarify the permissions under the <i>Conservation Authority Act</i> and the land use approvals in accordance with the <i>Planning Act</i> as they relate to development in hazardous areas.</p>
<p>Recommendation #14</p>	<p>That the Province consider new legislation to improve the existing flood policy framework by having a lead minister responsible for all flood-related policy, standards, regulations and legislation.</p>
<p>Recommendation #15</p>	<p>That the Province consider adopting legislation that will require flood risk properties to be identified in some way that is publicly accessible, at the very least on the property title, to ensure that prospective buyers are aware.</p>
<p>Recommendation #16</p>	<p>That municipalities consider utilizing local improvement charges to help finance and install (or upgrade) shoreline protection works, and if necessary, that the Province provide municipalities with enhanced authority to do so.</p>
<p>Recommendation #17</p>	<p>That the Province support municipalities and conservation authorities to ensure the conservation, restoration and creation of natural green infrastructure (i.e. wetlands, forest cover, pervious surfaces) during land use planning to reduce runoff and mitigate the impacts of flooding.</p>
<p>Recommendation #18</p>	<p>That the MNRF North Bay District facilitate a meeting between the Sturgeon-Nipissing-French watershed group and the Upper Ottawa River Watershed group to help the latter group establish a collaborative arrangement for future flood events. It is important that all parties involved in the flood be present at the meeting.</p>

<p>Recommendation #19</p>	<p>That the City of North Bay in particular, and any other municipalities in a similar situation, install appropriate treatment plant bypass piping to improve resiliency of key infrastructure and limit the impacts of flooding on this infrastructure and associated impacts to public health and safety.</p>
<p>Recommendation #20</p>	<p>That the Province, the federal government (Public Service and Procurement Canada) and the North Bay-Mattawa Conservation Authority review the Lake Nipissing Operational Guidelines.</p>
<p>Recommendation #21</p>	<p>That the MNR establish a communication protocol to inform and involve key stakeholders (i.e. municipalities) on watershed conditions and operations throughout the fall and winter leading into and throughout the spring freshet, commencing in early 2020.</p>
<p>Recommendation #22</p>	<p>That the Ministry of Environment, Conservation and Parks (MECP) use the results of the Muskoka Watershed Conservation and Management Initiative to inform any potential future amendments to the Muskoka River Water Management Plan by working with the Ministry of Natural Resources and Forestry, and in the meantime, that the MECP consider whether to encourage the municipalities to establish a conservation authority or request the Ministry of Municipal Affairs and Housing to restrict development in the floodplains (e.g. Ministerial Order).</p>
<p>Recommendation #23</p>	<p>That Haliburton County document how their collaborative model worked for the 2019 flood and share this information with, and for the benefit of, other counties, municipalities and conservation authorities.</p>
<p>Recommendation #24</p>	<p>That provincial, federal and municipal governments work with the Essex Region Conservation Authority and the Lower Thames Valley Conservation Authority to undertake a coordinated short- and long-term strategy to address the existing and expected impacts to Chatham-Kent, Windsor-Essex and Pelee Island as a result of current and future water</p>

	levels, flood and erosion hazards, and climate change on Lake Erie, Lake St. Clair and the Detroit River.
Recommendation #25	That the MNRF review and update the appropriate technical guides, with consideration of a new category permitting development in hazardous lands along large inland lakes, rivers and streams, and along the Great Lakes/St. Lawrence River, utilizing flood protection land forms and/or other forms of flood protection and floodproofing methods with very strict requirements and conditions. Further, consideration should be given to enshrining this concept in legislation or in a regulation along with other structural methods that are now permitted in non-hazardous lands or Special Policy Areas.
Recommendation #26	That, due to the increased use of the regional flood control facilities, the MNRF review whether the Province should take steps to regulate the use of these structures or let municipalities decide their use.
Recommendation #27	That the Province create a working group of all pertinent ministries to define their respective roles as they pertain to pluvial flooding.
Recommendation #28	That the Province consider whether it should take steps to regulate drainage standards in urban areas, such as the requirement to restrict runoff flows to pre-development rates and flood protection measures for private property, and if so, what is the most appropriate legislation.
Recommendation #29	That the Ministry of Environment, Conservation and Parks reach out to the Intact Centre on Climate Adaptation, as part of their commitment to consult with the insurance and real estate industry under the 2018 Environment Plan, to work collaboratively to raise awareness among homeowners about the increasing risk of flooding and to disseminate the basement flooding protection information to homeowners.
Recommendation #30	That the Ministry of Infrastructure ensure that the Ontario Community Infrastructure Fund supports municipalities in enhancing and implementing asset management plans (which includes stormwater management and consideration of climate change adaptation and mitigation activities), which will

	help municipalities make the best possible investment decisions for their infrastructure assets.
Recommendation #31	That the Ministry of Infrastructure work specifically with the MNRF on the design of future intakes of the Green stream of the Investing in Canada Infrastructure Program to ensure flood-related projects are eligible.
Recommendation #32	That the Province continue to fund the Water Erosion Control Infrastructure program and consider adopting a multi-year budget.
Recommendation #33	That the Province continue to issue Green Bonds in 2020 and beyond to help finance extreme-weather resistant infrastructure.
Recommendation #34	That the Province continue its financial commitment and partnership arrangement with the federal government through the hydrometric network agreement.
Recommendation #35	That the Province continue to monitor the effectiveness and location of gauges to ensure that there is appropriate coverage and consider repositioning gauges if necessary.
Recommendation #36	That, where appropriate and where funding permits, the Province consider the installation of GOES telemetry at key locations where more frequent access to information is required (areas of higher risk/watersheds that react quickly to changes in precipitation or snowmelt) and where current landline telecommunication technology is less secure and not as reliable in transmitting information.
Recommendation #37	That, where appropriate and where funding permits, the Province consider the use of automated alarms at those stations in watersheds of higher risk/quick response to precipitation and snowmelt to alert when water levels have exceeded a threshold of concern.
Recommendation #38	That the Province explore whether there would be value toward additional manual snow course locations in those watersheds where snow cover and snow water content are

	factors in spring flooding, and seek to involve the citizens in the collection and reporting of that data.
Recommendation #39	That the Province explore the feasibility of remote sensing products to better estimate the spatial distribution of snow and snow patterns.
Recommendation #40	That the MNRF work with federal, provincial and local partners as well as industry toward an Open Data model where information is shared and consolidated into the existing Surface Water Monitoring Centre hydrometric monitoring database.
Recommendation #41	That the Province investigate the return on investment of utilizing the new satellite imagery and resourcing with the necessary staff additions to provide better flood forecasting and monitoring.
Recommendation #42	That the Province update the flood forecasting and warning guidelines, providing clarity on roles and responsibilities (conservation authorities, MNRF district offices, municipalities) and provide examples of the systems, from simple to complex, with recognition that each system should be designed to reflect the local watershed characteristics and resources.
Recommendation #43	That the Ministry of the Solicitor General implement emergency operations initiatives in response to the recommendations of the Auditor General as soon as possible.
Recommendation #44	That Emergency Management Ontario improve its processes for interacting with municipalities and clearly lay out the processes on their website.
Recommendation #45	That Emergency Management Ontario clearly lay out the process for municipalities to request assistance during emergencies and provide field support to help determine the assistance that is required.
Recommendation #46	That the Province have a central website for flooding issues that provides answers (for conservation authorities, municipalities and the public) to a myriad of typical and

	frequent questions, or at the very least, a link to the agency (provincial department, power company, etc.) that provides the answers to the questions.
Recommendation #47	That the Province review the funding formula for eligibility of municipalities under the Municipal Disaster Recovery Assistance program.
Recommendation #48	That the “build back better” pilot under the Municipal Disaster Recovery Assistance program move from a “pilot” to a full program. The Province should consider raising the 15% cap where it makes economic sense. The program should be tied to legislated flood protection levels and floodproofing criteria. For example, a bridge damaged by a flood can only be replaced if it is raised to the design flood.
Recommendation #49	That the Province consider including a “build back better” component under the Disaster Recovery Assistance for Ontarians program.
Recommendation #50	That the Province approach Indigenous Services Canada about expanding their disaster assistance program to include houses that are leased on First Nation reserve land by non-status individuals.
Recommendation #51	That the Disaster Recovery Assistance for Ontarians program be flexible enough to allow for removal of the structure from the floodplain (buyout) if it is the only technically and financially feasible option.
Recommendation #52	That the Province continue the dialogue with the Insurance Bureau of Canada and the federal government on the steps needed to make flood insurance more available to more Ontarians.
Recommendation #53	That the Province ensure that municipalities have all the information regarding eligible items under the Municipal Disaster Recovery Assistance program, including costs for disposal of waste materials from a flood.

Recommendation #54	That the Province consider special or expedited approvals for new or expanded landfills if significant capacity is used up from the disposal of flood-related waste materials.
Recommendation #55	That the International Joint Commission, the Ottawa River Regulation Planning Board, and Ontario Power Generation make their detailed information about their flood operations readily available on their respective websites.
Recommendation #56	That the International Joint Commission consider meeting with interested stakeholder groups and individuals to explain in considerable detail how their structures are operated.
Recommendation #57	That the International Joint Commission consider creating specific “2017 Flood” and “2019 Flood” buttons for their home webpage and populating those pages with detailed information on the floods and their operations, as well as providing direct links to related reports.
Recommendation #58	That the supporting agencies of the Ottawa River Regulation Planning Board (Canada, Ontario, Quebec and the dam operators) consider reviewing the original agreement, recommendations and guiding principles, and board policies given they are almost 40 years old.
Recommendation #59	That the supporting agencies of the Ottawa River Regulation Planning Board (Canada, Ontario, Quebec and the dam operators) consider removing “Regulation” from the title, as it implies that the Board can actually manage large floods when, in fact, they cannot because of the limited storage capacity of the generating station reservoirs, which were designed for electric power generation and not flood control.

<p>Recommendation #60</p>	<p>That a communications officer be assigned to the Ottawa River Regulation Planning Board to help with messaging during flood events or any public meetings and free up the staff engineers to concentrate on their duties. At least two communications officers should be assigned as needed and well trained in the technical operations. The officers should be from another government department as opposed to Ontario Power Generation or another non-government dam owner, since the public believes the dam owners only care about generating electricity.</p>
<p>Recommendation #61</p>	<p>That a communications person with marketing experience work with the Ottawa River Regulation Planning Board to prepare more easily understood materials for publication. The approach to managing the Ottawa River by the Board is not well understood by the public or government officials. Also, the materials should not be confusing. In one example I saw, a line graph showed a water level difference of 1.0 metres but the text below it stated "> 50 cm or 20 in."</p>
<p>Recommendation #62</p>	<p>That the Ottawa River Regulation Planning Board work with Ontario Power Generation and consider installing staff gauges at critical settled locations along the river, and engage residents to read and report on these gauges. These residents have a vested interest in getting accurate information and so their "buy-in" could be to volunteer their time to provide the data.</p>
<p>Recommendation #63</p>	<p>That two municipal officials, one from the Association of Municipalities of Ontario and one from the Quebec counterpart, sit on the Ottawa River Regulation Planning Board. The intent is to provide contact persons on the Board trusted by municipalities in both provinces, and for the municipal representatives on the Board to help disseminate correct and accurate information back to municipalities. Consideration could also be given to adding municipal representatives to the Ottawa River Regulating Committee, in addition to or instead of the Board. It is recognized that the three signatories to the Agreement (Canada, Ontario and</p>

	Quebec) would have to agree to amending the Agreement for this purpose.
Recommendation #64	That Ontario Power Generation create a dynamic illustration regarding the dry section at Deux-Rivieres that “walks” the observer through the changes in water levels during low to normal to high flows, with voice-over explanation of water level changes, and that this video be included on their website.
Recommendation #65	That Ontario Power Generation identify options to address their concern about refill dates and provide greater flexibility on how refill is determined, taking into consideration the range of potential impacts, to support potential amendment proposals to relevant Water Management Plans.
Recommendation #66	That the Province maintain, at a minimum, the current level of funding in departmental budgets and programs related to everything flood (i.e. existing approval processes and associated policies and technical requirements, floodplain mapping, maintenance of flood infrastructure, satellite imagery, etc.).