



**NIAGARA PENINSULA CONSERVATION AUTHORITY**

**FULL AUTHORITY**

**WELLAND**

**AGENDA MARCH 17, 2010 – 7:00 p.m.**

**ROLL CALL**

**DECLARATION OF CONFLICT OF INTEREST**

**BUSINESS:**

**(1) MINUTES FULL AUTHORITY MEETING – FEBRUARY 17, 2010**

Attached are the Minutes of the Full Authority Meeting held February 17, 2010.

**(2) BUSINESS ARISING FROM MINUTES**

**(3) CHAIRMAN'S REMARKS**

**(4) CAO'S REPORT**

**(5) BUDGET STATUS REPORT – REPORT NO. 13-10**

Attached is Report No. 13-10 regarding the status of the budget to February 28, 2010.

**(6) PAPERLESS AGENDA OPTIONS REVIEW - REPORT NO. 14-10**

Attached is Report No. 14-10 regarding this matter.

**(7) 2010 SALARY SCHEDULE – ECONOMIC ADJUSTMENT – REPORT NO. 15-10**

Attached is Report No. 15-10 regarding this matter.

**(8) 2010 HONOURARIUM & PER DIEM ADJUSTMENT – REPORT NO. 16-10**

Attached is Report No. 16-10, regarding this matter.

**(9) NPCA STORMWATER MANAGEMENT POLICIES AND GUIDELINES - REPORT NO. 17-10**

Attached is Report No. 17-10 together with a copy of the policies.

**(10) PROJECT STATUS REPORT - REPORT NO. 18-10**

Attached is Report No. 18-10 regarding the status of Authority projects.

(11) **IN-CAMERA**

- (a) Complaint and Violation Status Report: Report No. CR-07-10
- (b) Tree By-Law Status Report – Report No. CR-08-10
- (c) Land Acquisition Matters – Verbal Report

(12) **OTHER BUSINESS**

**ADJOURNMENT**



**TO:** The Chairman and Members of the Authority

**DATE:** March 8, 2010

**SUBJECT:** Budget Status Report - Report No. 13-10

Attached is the budget status report for the period ending February 28, 2010.

The Board members will note a significant expenditure beyond the approved budget under the Stream Gauge and Monitoring Network. The expense relates to work at the Binbrook Dam and will be reallocated to the Binbrook Dam capital expenditure account.

There are no other variances to report at this time.

**RECOMMENDATION:**

That the Budget Status Report for the period ending February 28, 2010 be received.

Respectfully Submitted By: \_\_\_\_\_  
Tony D'Amario, P. Eng. CAO/ Secretary-Treasurer



**TO: The Chairman and Members of the Authority**

**DATE: March 8, 2010**

**SUBJECT: Paperless Agenda Options Review - Report No. 14-10**

The purpose of this report is to follow-up on a request for the Board to review opportunities that reduce the need for papered agendas.

Currently, the distribution of information to the Board members includes:

- Agenda packages delivered by courier to all Board members
- Agenda packages for ad hoc committee meetings delivered by courier
- Email delivery of the check listings/mastercard for the current month

Taking into account the average size of past agendas, costs for courier, paper and photocopying as well as staff time to assemble the agenda packages, it is estimated that the average yearly cost for agenda distribution with the current system is approximately \$2,000.

A number of municipalities and other organizations have considered and implemented a paperless agenda process with the anticipated advantages of reducing costs as well as minimizing the environmental impact of their administration process. In addition to these advantages, a paperless system would provide increased security of private information.

In order for a paperless system to be successful, the following would need to be addressed:

- All members would require internet access (high speed desirable) to upload the agendas from a web or FTP site set up with security protocols. The alternative would be to forward electronic media (flash drive or CD for example) to Board members without this access, however, mailing costs would be incurred.
- All members would require an electronic display (individual laptop or overhead) for use at the meeting.
- The board room would require electrical upgrades to provide power outlets if individual displays are used.
- Where individual displays (laptops, for example) are used, members without them would either purchase one or be supplied (or on a loan basis) with one from the NPCA. Another option in this regard could be a cost sharing purchase option for Board members.

Should the Board desire to advance a paperless option, NPCA staff recommend the following:

- All agendas to be placed on the NPCA server (ftp protocol) with secure access for member to download. Agendas will be available on the server no later than 4:00 pm the Thursday prior to the Board meeting on the following Wednesday.
- Appropriate extension wiring and outlets to be provided so that all Board members have access to power during their meetings, if needed.
- Board members will be encouraged to use their personal laptop computers for the meeting. Where this is not possible, the NPCA will provide a basic laptop computer (estimated cost \$600 per unit) to the Board member on a "loan" basis for the duration of the member's term with the NPCA.
- NPCA staff will be present all reports and corresponding recommendations electronically on the overhead during the meetings.
- Full implementation of the paperless meeting system to be scheduled for the May, 2010 Board meeting.

**RECOMMENDATION:**

That report No. 14-10 be received.

Respectfully Submitted By: \_\_\_\_\_  
Tony D'Amario, P. Eng. CAO/ Secretary-Treasurer



**TO:** The Chairman and Members of the Authority

**DATE:** March 10, 2010

**SUBJECT:** 2010 Salary Schedule - Economic Adjustment – Report No. 15-10

In the 2010 approved budget, allowance has been provided for a 2.5% economic adjustment to the Authority's salary & wage schedule. This amount was endorsed by the Budget Review Committee in their budget meeting in September 2009. For comparison purposes, a review of other Conservation Authorities and other local agencies' economic adjustment was undertaken by staff with the following results:

Conservation Authorities:

2% - Credit Valley, others GTA Conservation Authorities not yet confirmed

Municipalities:

3% - Niagara Falls and City of Hamilton, (union, non-union not set),

3% - St. Catharines,

2.2% - Welland

Niagara Region:      non-union      2.0% (plus additional cash payout based on performance)  
   union                      3.0%

Historically, the NPCA has been consistent with the adjustment awarded by the Region of Niagara although the Authority does not have a variable pay for performance program. The amounts of payout for this program on a yearly basis vary and as such an equivalent percentage value cannot be calculated. NPCA job positions would include similar position in both union and non union positions at the Region of Niagara.

It is important that the NPCA salaries remain competitive and in that regard, yearly adjustments to the salary schedule would reduce the need for future salary reviews and the often resulting financial challenges in implementation of the review recommendations..

It is therefore recommended that the NPCA adopt a 2.5% increase in the salary schedule for 2010.

**RECOMMENDATION:**

That a 2.5% economic adjustment to the Authority's salary schedule be approved retroactive to January 1, 2010.

Respectfully Submitted By: \_\_\_\_\_  
Tony D'Amario, P. Eng, CAO/ Secretary-Treasurer



**TO:** The Chairman and Members of the Authority

**DATE:** March 10, 2010

**SUBJECT:** 2010 Honourarium & Per Diem Adjustment– Report No. 16-10

The Chairman's honourarium and member per diems are currently \$4,586 annually and \$67.40 per meeting respectively. It is recommended that the rates be increased by a 2.5% economic adjustment retroactive to January 1, 2010. With this adjustment, the honourarium would be \$4,682 and the per diem would be \$69.09. In accordance with Section 37 of The Conservation Authorities Act, approval of the Ontario Municipal Board is required.

For comparison purposes, the per diem and honourarium amounts for the other Conservation Authorities are attached.

**RECOMMENDATION:**

That the Report No. 16-10 regarding the Honourarium and Per Diem Economic Adjustment be received; and

That subject to the approval of the Ontario Municipal Board in accordance with Section 37 of The Conservation Authorities Act, the Chairman's honourarium be adjusted to \$4,682 per annum and the member per diem be adjusted to \$69.09 per meeting, retroactive to January 1, 2010.

Respectfully Submitted By: \_\_\_\_\_  
Tony D'Amario, P. Eng. CAO/Secretary-Treasurer



**TO:** Chairman and Members of the Authority

**DATE:** March 17, 2010

**RE:** **NPCA Stormwater Management Policies and Guidelines; Report No. 17-10**

In 2006, the NPCA began work on comprehensive technical Stormwater Management (SWM) Policies and Guidelines. The necessity for watershed policies and guidelines was identified through the Niagara Water Quality Protection Strategy (NWQPS). One of the first actions undertaken in the guideline development process was, circulation of a questionnaire to our Regional and Local municipal partners, in order to better understand their specific needs. Subsequent to this, a Steering Committee was formed comprising of representatives from the municipalities, in an effort to ensure that the report content would be of use to not only NPCA, but the municipalities. The Committee met three(3) times during the first year of the project. The project scope was very broad however, the content of the report can be summarized as addressing the following objectives:

1) Develop Uniform SWM Policies for Niagara; The policies are to be applied across the Region and consider flooding, erosion, sediment control, natural channel design, and Best Management Practices (BMPs). Technical objectives include capturing rainfall at the source to restore natural hydrologic processes (i.e. infiltration, evapotranspiration); ensure that stormwater infrastructure can safely convey major storm events; provide SWM quality that at a minimum, meets the MOE guidelines.

2) Develop a Generic SWM Planning Process; The process guides a proponent, typically a developer or municipality to identify and consider natural features and their functional role in SWM (i.e., consider existing wetlands and woodlands for maintaining the hydrologic cycle). It also recognizes other local/ municipal SWM objectives, set out in current Official Plans, existing Watershed and Subwatershed Plans, and Master Drainage Plans.

3) Develop Operational Objective; These are intended to ensure efficient design of stormwater facilities that minimize future maintenance requirements and can be easily monitored. For existing developed areas objectives include exploring opportunities for retrofit measures when updating existing facilities or the installation of new measures when examining redevelopment or infilling.

4) Develop SWM Technical Guidelines; The information compiled in the study can be used for SWM analysis and design activities in Niagara and include local rainfall curves and appropriate design storms for various land use conditions across the watershed.

In this regard, the bulk of the project work was completed by 2008 however, for a number of external factors, the revisions required as a result of the Steering Committee Input were not completed until late 2009. Accordingly, before forwarding the final report to the municipalities, it is appropriate that it be endorsed by the NPCA Board.



In closing, staff would note that although this document is comprehensive, the guidelines and in particular the policies outlined, are very flexible and in many cases, speak to implicit goals rather than explicit requirements, in order to recognize the evolving nature of SWM and the multitude of constraints that effect what is practically achievable in a particular area.

**Attachments:**

1) Executive Summary and Table of Contents

**RECOMMENDATION:**

**That Report No. 17–10 be received for information;  
Further that the NPCA Stormwater Management Policies and Guidelines, dated January 2010, be approved.**

Prepared by: John Kukalis, Director, Water Management

Respectfully Submitted by: \_\_\_\_\_  
Tony D'Amario, P.Eng. CAO/Secretary-Treasurer



**TO: Chairman and Members of the Authority**

**DATE: March 17, 2010**

**RE: PROJECT STATUS REPORT - REPORT NO. 18-10**

## **WATER MANAGEMENT**

### **I. Watershed Regulation Division**

#### **1) Binbrook Reservoir & Gauge Stations**

Staff continue to monitor the water levels at the Binbrook reservoir on a regular basis and adjust the valve settings as required based on forecast weather. Staff also continue to monitor the water levels at our 12 gauge stations on a daily basis as part of the NPCA's routine flood forecasting/warning duties.

The NPCA has finalized the installation of equipment which allows the NPCA to obtain, process, store, and display real-time water level information from Binbrook and our 12 surface water gauge stations. This system is active and is monitored by NPCA staff on a daily basis.

#### **2) NPCA 'Regulation of Development, Interference with Wetlands, and Alteration to Shorelines and Watercourses'**

##### **i) Permits**

The NPCA has processed approx. 15 permit applications for the 2010 calendar year.

Staff attended a hearing before the Mining and Lands Commissioner from February 9-12, 2010 in Toronto, regarding the Authority's refusal to issue a permit in the Saine matter. The hearing took much longer than expected and no time was left for closing arguments. Rather than going through the expense of attending further hearing dates in Toronto, both sides agreed to make final submissions in written form. A ruling is expected sometime in late May, early June.

##### **ii) Violations**

Please refer to the associated Report under "in camera" section of agenda.

##### **iii) NPCA-DFO Partnership Agreement**

The NPCA is under agreement with the Department of Fisheries and Oceans (DFO) to review works in or near water to determine whether the work is likely to result in the harmful alteration, disruption or destruction of fish habitat (HADD). As part of the NPCA-DFO Partnership Agreement, NPCA staff work as a liaison between DFO Assessors and proponents to recommend appropriate fish habitat compensation projects. During the current calendar year NPCA staff has reviewed 15 applications under this agreement.

### **3) Floodplain Mapping**

#### **i) Lyon's Creek – Cities of Welland and Niagara Falls**

The NPCA is presently undertaking the necessary calculations, field work, and map analysis to accurately determine the extent of the 100 year flood elevations for Lyon's Creek located in the Cities of Welland & Niagara Falls.

#### **ii) Tee Creek – Cities of Welland and Niagara Falls**

The NPCA is presently undertaking the necessary calculations, field work, and map analysis to accurately determine the extent of the 100 year flood elevations for Tee Creek located in the Cities of Welland & Niagara Falls.

#### **ii) Bearss Drain – City of Port Colborne**

The NPCA is presently undertaking the necessary calculations, field work, and map analysis to accurately determine the extent of the 100 year flood elevations for the Bearss Drain located in the City of Port Colborne.

## **II. Watershed Planning Division**

### **1) Municipal and Development Plan Input and Review**

Although new site plan and subdivision submissions are lower than anticipated, plan review activity has remained brisk, with the majority of work involving either existing files of record or smaller private dwelling proposals. This is directly attributed to the Authority's expanded mandate related to protection of wetlands.

Staff are spending a considerable amount of time reviewing updated municipal official plans. Municipalities are working towards a June 2010 Provincial deadline for updating their official plans to reflect Places to Grow legislation. Unfortunately, the Memorandum of Understanding (MOU) for Planning policies for preconsultation on this type of work is not being followed by many of our municipal partners, resulting in unexpected, short turn around time for NPCA staff to review these important documents.

We are also working with our municipal partners in Niagara to review the MOU for Planning to look at what is work and what changes need to be made to the document.

### **2) Watershed Plan Preparation**

#### **a) Lake Erie North Shore Watershed Plan**

The DRAFT Lake Erie North Shore Watershed Plan is complete and has been posted for staff commenting. A small display with a map of the study area and a copy of the document has been placed in Port Colborne and Wainfleet libraries for public commenting until May 31, 2010.

A Steering Committee meeting has been scheduled for April 27<sup>th</sup> to review the document and address any questions or concerns the committee may have regarding the Watershed Plan. A public open house is scheduled for May 4<sup>th</sup> at the Roselawn Centre in Port Colborne. The purpose of this open house is to present the Watershed Plan to the public and receive any feedback they may have before presenting the document to the NPCA Board of Directors.

#### **b) Central Welland River Watershed Plan**

Work on the Restoration Strategy has been temporarily suspended to focus on the Upper Welland River and completing the Lake Erie North Shore Watershed Plan.

### **c) Beaverdams and Shriners Creek Watershed Plan**

Work on the Restoration Strategy has been temporarily suspended to focus on the Upper Welland River and completing the Lake Erie North Shore Watershed Plan.

### **d) Upper Welland River Watershed Plan**

Edits to the Draft Phase One: Watershed Characterization and Issues Identification Report are underway to reflect the comments received from senior municipal, agency staff and steering committee members. Arrangements for a public workshop will be made shortly. It is anticipated that this workshop will be held during the end of April or month of May. The purpose of the workshop is to give the public an opportunity to identify any issues and concerns they may have about the study area and their objectives for the Watershed Plan.

## **3) Natural Areas Inventory/Heritage System**

The final report for the Natural Areas Inventory is in the final edit and formatting stage. It will be sent to the printer by the end of March. The Community Series mapping is complete and will be included with the final report. Landowner packages (500+) were sent to all participating landowners the week of March 1<sup>st</sup>.

The Project Coordinator has also been busy compiling information for preparing the draft Terms of Reference for the functioning of both the Technical and Steering Committees for the Natural Heritage Systems Project.

## **III. Source Water Protection Division**

### **1) Source Water Protection Plan**

To-date, three SPC meetings have been held in 2010. The main purpose of the January 12<sup>th</sup> and February 9<sup>th</sup> SPC meetings was to review the *Draft Proposed Assessment Report (AR)*. The SPC approved the Draft Proposed AR on February 24<sup>th</sup>.

The Assessment Report is essentially a summary of the technical studies that have been completed under the source protection plan to-date. The Assessment Report will form the scientific basis for developing the Source Protection Plan. The AR delineates the vulnerable areas such as the Water Treatment Plant Intake Protection Zones (IPZs) and identifies the potential significant threats located within these IPZs. The Assessment Report was developed through a strong collaborative effort between the major stakeholders including NPCA, Niagara Region, the province, and the Source Protection Committee.

Following approval by the SPC, the Draft Proposed AR was posted on NPCA's source protection website (<http://www.sourceprotection-niagara.ca/>) on Friday March 5, and notices were placed in the local daily newspapers as required by the regulations under the Clean Water Act.

In February, the MOE posted the draft Source Protection Plan (SPP) regulation on the Environmental Bill of Rights (EBR) website, for a 60 day commenting period. The MOE also hosted a consultation session that was attended by various stakeholders including source protection staff and SPC members on March 1, 2010.

## **2) Water Quality Monitoring Program:**

### **a) Routine Water Quality Work**

- Routine surface water quality monitoring has begun this month with the spring melt and will continue until November 2010.
- The NPCA continues to collect groundwater level data at 15 monitoring wells as part of the Provincial Groundwater Monitoring Network (PGMN). Spring samples will be collected in April 2010.
- NPCA staff are currently analyzing water quality data collected during 2009, and preparing the 2009 annual water quality report.
- NPCA staff will be completing water quality assessments for both Hamilton International Airport and the City of Hamilton's Glanbrook Landfill in 2010, as per the respective monitoring agreements.

### **b) Special Water Quality Projects**

- the Welland River Eutrophication Study Technical Working Group held their fourth meeting on February 11, 2010 to discuss the results of the 2009 field season and select a method for determining delisting criteria for total phosphorus in the Welland River watershed. NPCA water quality staff presented the field data and analysis which were provided in NPCA's *Update Report* dated *February 2010*. NPCA staff also presented a delisting criteria method that was used in the St. Lawrence/Cornwall AOC and proposed it be used for the Welland River. The TWG agreed to adopt the delisting method and proceed with a third year of sampling. 2010 is the third and final year of this Study.
- The NPCA continues to receive requests for applications for the NPCA Water Well Decommissioning Grant Program.

## **IV. Geographic Information Systems (GIS) Division**

### **1) Source Water Protection Support Activities**

- Now that the DRAFT Assessment Report has been posted on the web for public review and consultation, the bulk of the GIS support for technical studies supporting this are ending as well, save a few minor tasks that staff are still chasing.
- Focus will now shift to incorporating the final data products from all the technical studies into the provincially prescribed Assessment Report Database (ARDB) for delivery to the MOE and for developing a local data management framework based on this standard in the Authority's corporate GIS database that will serve ongoing archive and maintenance needs of the source protection data.
- Staff is involved in a provincial pilot project to test the logical data model for the water quantity component (water budget) of the ARDB.

### **2) Watershed Planning Support Activities**

- The final QA/QC pass of the Community Series ELC mapping has progressed significantly as well. Thanks to finalized evaluated wetland deliveries through the partnership with the

MNR, Welland Niagara Falls, and Pelham have joined Wainfleet and Port Colborne as being complete. Thorold and West Lincoln have had a pass to double check interpretations with the best draft linework from the MNR but still await final evaluations. Haldimand and Fort Erie need the full QA/QC pass yet as well. Hamilton still needs to be captured, which will integrate existing ELC mapping from the Hamilton Nature Counts NAI (have detailed ELC for their ESAs).

- Site specific ELC Vegetation Type mapping, based on the data collected in the field has been completed for Port Colborne and Wainfleet and South Niagara Falls which constitutes over 2/3 of the sites visited. Efforts are currently underway in North Niagara Falls. This information will be incorporated with the interpreted Community Series data to maintain class integrity throughout the hierarchical ELC system. Remaining municipalities to be captured includes Thorold, Welland, Pelham, West Lincoln, and Haldimand County.
- Staff has been busy analyzing the draft data and contributing to the NAI Executive Summary and Volumes documents.
- Several additions and refinements to our Section 28 Hazard Inventories (i.e. FPM for Lyons Creek and Tee Creeks, new Lake Ontario Shoreline mapping etc) are being completed which means updated screening and Niagara Natural Environment Information layers will be circulated amongst the Niagara Area planning authorities shortly.
- Assistance with the review of DRAFT Official Plan data from several municipalities has also been provided. Toe of slope analysis to complement the existing top of slope mapping is being completed in St. Catharines to help create polygon representations for valleylands that can be more readily integrated into the OP data by municipalities. This work will likely carry on throughout the watershed as well as it has been recommended for a while just never had an operational need like this to raise it higher up the priority list.
- Due to its heavy GIS and information support requirements, staff has been involved with the project management and planning of the Authority Natural Heritage System Design project that is gearing up.

### **3) Watershed Restoration Support Activities**

- Mapping of and data entry for the restoration projects and stewardship activities that have taken place over the last two field seasons by the Authority are currently taking place.

### **4) Corporate GIS and Information Management Support Activities**

- Reorganization of the Authority's corporate spatial databases has been pushed into the server production environment over at the Region through our shared services agreement. Updates to the Niagara Atlas and development of the Niagara Navigator web mapping applications based on these new data structures will commence immediately for launch as soon as possible.
- Staff oversaw the first annual clean up of the Authority's share on the Regional network which was bloated with orphan directories from former staff and project data from years past.
- Due to the current demand for services in the areas highlighted in this report, technical tasks associated with the ongoing development of the large scale surface water inventory as the spatial framework of our fledgling Hydrologic Information System, and all of the capabilities in terms of the tools and public information access services planned on the web/database server have taken a back seat for now but remain extremely important strategic endeavors to recommence when existing workload lightens.

## **V. Watershed Restoration Division**

### **1) General Watershed Restoration**

The following are the restoration projects that are currently being planned for this year:

- The first phase of a riparian buffer/habitat enhancement was completed in 2009 in the Welland Canal North Sub-Watershed. Phase two of the project will be completed this year which includes a manure storage improvement, a water well decommissioning project and further riparian buffer/habitat enhancements. The project is located at the corner of Rice Road and Port Robinson Road, a perfect location for a project sign.
- A 1 acre reforestation/riparian buffer project in the Welland Canal North Sub-Watershed has also been approved for 2010. (adjacent landowner to the project described above).
- 2 ac woodland restoration project in the Eagle Marsh Drain Watershed
- A woodland riparian planting within the Vineland Drain Watershed
- A greenhouse nutrient management project within the 40 Mile Creek Watershed
- Planting of 2 pit and mound sites in Beamsville, in the Vineland Drain watershed. One site is approx 2 acres, the other is approx 5 acres. Both sites will be planted with wildflowers and grasses (seed and plugs), along with some bareroot trees and shrubs
- A wetland restoration project in Wainfleet has been completed. The project effectively back-waters drainage ditches on two (partnering) properties to restore seasonal moisture regimes to approximately 14 acres of slough forest.
- Through funding from the Ontario Centers of Excellence Program, staff continues to work with Niagara College and students from the Post-graduate Ecosystem Restoration Program testing the response of native plant species to very a promising natural soil amendment called biochar. Greenhouse trials are underway and field trials are set to begin in late March.

### **2) Niagara River RAP/ Welland River Restoration**

The following are the restoration projects that are currently being implemented:

- A Conservation Tillage project to reduce runoff, erosion, protect habitat and improve water quality within the Central Welland River watershed
- The excavation of a 2 acre wetland restoration project is nearing completion within the Elsie Creek watershed, this project is part of the partnership with Ducks Unlimited Canada
- A 7 acre pit and mound restoration project is still in progress

Staff have also been meeting with landowners and developing restoration plans for the 2010 program year. Projects include:

- Two 10 acre woodland restoration projects within Welland River West and Oswego Creek watersheds
- Four smaller scale woodland restoration projects totaling approximately 9 acres
- Three riparian restoration projects including buffer establishment, erosion control and flow redirection
- Two best management practices projects and four conservation practices projects (windbreaks)
- Continuation of 3 year partnership with Ducks Unlimited to complete 3-4 more wetland restoration projects.

### **3) Fort Erie Creeks Watershed Restoration**

The first meeting of the Fort Erie's Creeks Watershed Plan Implementation Committee will take place in March to discuss responsibilities and future restoration/conservation work identified within the plan.

The following are the restoration projects that are currently being implemented:

- The restoration of a section of Niagara River shoreline that suffered from severe erosion damage has been completed in partnership with the Niagara Parks Commission.
- 2 riparian restoration projects within Black Creek sub-watershed to reduce erosion and protect/improve fish habitat.
- 1 windbreak project to help reduce wind erosion and improve connectivity to a 600 acre woodlot
- 2 woodland restoration projects in partnership with Landcare Niagara, Trees Ontario and Ontario Power Generation
- Staff are working with landowners and Ontario Ministry of Agriculture on a potential manure storage project.

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### **4) Twenty Mile Creek Restoration**

The following are the restoration projects and initiatives that are currently being implemented:

- The Twenty Mile Creek Watershed Plan Implementation Committee met on February 22<sup>nd</sup>. Discussions included: Water Quality Improvement Program updates, review of the Committee Terms of Reference, how the Committee can function to move watershed plan issues forward and identifying current and potential stakeholders and committee representation. The Committee is scheduled to meet again in October.
- The Hamilton ReLeaf Committee has formally begun it's Natural Heritage Systems Planning using the Marxan computer modeling system. Sixteen different stakeholders comprise the "Scenario Development Team" which will be meeting on March 11 to begin the planning process.
- Construction of a 2 acre wetland in West Lincoln has been completed. The upland areas and berms will be disked and seeded this spring along with the planting of some 1500 trees and shrubs. The site sits among a "cluster" of restoration projects sites and will add to the areas growing and robust wildlife and wetland habitat.

### **5) Twelve Mile Creek Restoration**

There are 15 projects being implemented in Twelve Mile Creek this coming year plus water quality monitoring.

- 5 riparian buffer / bank stabilization projects;
- 4 wetland enhancement;
- 3 tree planting / naturalization;
- 1 invasive species removal/ naturalization;
- 2 livestock fencing ;
- Water quality monitoring.
- Year three of the Decew Escarpment Woodland Restoration Project, a partnership with OPG, Region of Niagara, NRC, Bruce Trail Conservancy, and Niagara College.



## **6) Niagara-on-the-Lake Restoration**

Staff have also been meeting with landowners to discuss and develop projects for 2010. Currently the projects in development are:

- A pilot natural channel design demonstration project will be implemented in partnership with the Town of NOTL in 2010.
- 1 riparian planting on 1 Mile Creek
- 1 livestock restriction, clean water diversion project along the Routh Drain
- 2 creek bank stabilization and plantings along 4 Mile Creek
- 1 pit and mound and wetland feature restoration project along 4 Mile Creek
- 1 nutrient management project within the 6 Mile Creek watershed

## **7) 15,16,18 Mile Creeks Restoration**

The following are the restoration projects that are currently being planned for 2010:

- Planting of a wetland that was created in the fall of 2009, in the 16 Mile Creek watershed. Most of the site will be reforested with bareroot trees and shrubs, while the remaining area will be planted with wildflowers, grasses and aquatics (both seed and plugs)
- On the same site, a new fence will be installed to keep horses from the wetland area
- Creation of a wetland in the 18 Mile Creek watershed. The area is currently used for hay, but is very wet most of the year. Creating the wetland will reduce erosion and create habitat
- Naturalization of a small area of a rural yard in the 16 Mile Creek watershed. The site is currently flourishing with weedy species. The area will be prepped and planted/seeded with native wildflowers and grasses
- A riparian project in the 15 Mile Creek watershed. Staff are currently trying to determine the best way to restore this site, with erosion happening at a rapid pace.

## **8) ECO School Program**

- Staff are in the process of approving the 2010 ECO School program participants. 23 applications were received, with 14 of these being first time applicants. Letters of approval will be sent out by the third week of March and site visits will begin at the end of April. Site prep will take place in May and planting in June.

## **9) Landowner Stewardship Guide**

- The Landowner Stewardship Guide was hand delivered (by the Friends of One Mile Creek) and mailed (by NPCA) to residents living within the One Mile Creek Watershed. A Public Open House was held on March 10<sup>th</sup> at 7:00 pm at the Old Court House in NOTL, in partnership with the Friends of One Mile Creek (FOMC). The purpose of the meeting was for landowners to speak to experts about the guide and about how to get involved. Angus Norman, wetland specialist with MNR did a presentation on the importance of wetlands and Lansdowne Pond.

## **10) Community Outreach**

- A presentation on backyard naturalization and the use of native plants was given to the Garden Club of Niagara. Another speaking engagement with the Niagara Falls Horticultural Society is scheduled this March.
- Staff participated and presented at the “Caring for Species at Risk in Niagara Workshop” coordinated by the Carolinian Canada Coalition along with other presenters such as the Ontario Ministry of Natural Resources, Land Care Niagara etc. There was a good turnout and response from participants seemed to be overwhelmingly positive.

## **11) Yellow Fish Road**

- A grant application to Trout Unlimited Canada / Shell Canada was successful in securing \$2700.00 to further promote and enhance the delivery of the Yellow Fish Road program. Requests to participate from teachers and parents have already started coming in for the 2010 season.

## **12) 2010 Niagara Regional Envirothon**

- 65 students from 7 area schools have registered for the 2010 Niagara Regional Envirothon scheduled in April at the Stevensville Conservation Area. Through continued fund raising \$1000.00 has been secured from Ontario Power Generation to help offset the cost of the Envirothon. \$4,202.40 of additional funding has been obtained from the Niagara Community Foundation for the purchase of educational kits to be lent out to Envirothon participants to help them prepare for the competition. Staff continues to work with the organizing committee members to plan the event.

## **13) Community Fisheries Involvement Programs**

- The Angler Diary Program continues to collect data from anglers in the Welland River and Twelve Mile Creek watersheds. 2010 Angler Diaries for both watersheds have been sent out to anglers that have returned their 2009 diaries. Additional Angler Diaries are in the process of being printed.

## **VI. Remedial Action Plan (RAP)**

### **1) Lyons Creek East**

The Niagara River AOC Contaminated Sediments Technical Advisory Group (TAG) met with French Planning Services in September, November/09 and February 2010 to discuss and finalize the development of the *Lyons Creek East Evaluation of Administrative Controls Guidance Document*. Administrative Controls Protocols have been implemented since 2005 in the St. Lawrence River AOC and provide an example of how they work in practice. Next steps involve establishing a Management Framework Agreement between the stakeholders and the NPCA and a public communication strategy for Lyons Creek East. Golder's work on PCB fate and transport assessment for monitored natural recovery and development of a site specific plan for Lyons Creek East will be a component of a long-term monitoring program.

## **2) Stage 2 RAP Update**

- A meeting of the Public Liaison Committee was convened in mid-January to provide an update on the status of the draft Stage 2 Update report and discuss possible outreach activities, timelines and communication products.
- The RAP Coordinating Committee has prepared the executive summary of the Stage 2 Update and a fact sheet summarizing the main points from the report for public outreach and stakeholder consultation purposes. The documents will be printed in March.
- The RAP Implementation Committee met in early February to discuss and update their commitments under the new 5-year RAP work plan and provide comments on the draft Stage 2 Update report. The next meeting is anticipated to be in November 2010 when the format will include project progress reporting.
- The Technical Working Group for the Welland River Eutrophication Study met in early February to discuss the project status, plan the final field season activities and select the methodology for developing nutrient delisting criteria.
- In February, the RAP Coordinator provided a RAP update presentation to the Friends of Fort Erie's Creeks.

## **3) Update: Canada-Ontario Agreement Respecting the Great Lakes Ecosystem (COA).**

Since 1971, the Parties (Canada and Ontario) have worked together through a series of Canada-Ontario Agreements Respecting the Great Lakes Ecosystem (COA) that have guided their efforts to improve the environmental quality of the Basin and contributed to meeting Canada's obligations under the Canada-United States Great Lakes Water Quality Agreement (GLWQA). Each of the previous COAs were in effect for a 5-year term.

The current COA is a three-year agreement, in effect until March 31, 2010. It is anticipated that a new COA will not be negotiated until there is a better idea of the content of the updated GLWQA.

In January 2010, a RAP Coordinators' Conference was held in Niagara-on-the-Lake to review the status and progress in each of the Canadian AOCs, discuss the challenges in addressing certain beneficial use impairments and receive updates on issues such as the COA RAP review process, delisting process & timelines, etc.

## **4) International Liaison**

- The RAP Coordinator attended the U.S. Remedial Advisory Committee (RAC) meetings in December/09 and early March. Mike Shaw, US EPA provided an update on proposals submitted for funding to the U.S. Great Lakes Restoration Initiative. Prior to the next meeting the NYSDEC will assist in the compilation of data for two BUIs that have been designated as "likely impaired" and determine if there is enough information to re-designate to "impaired" or "not impaired".

## **5) Update: Great Lakes Water Quality Agreement.**

The current GLWQA is the revised Agreement of 1978 as amended by Protocol in 1987.

In 2006, the Binational Executive Committee initiated a review of the Agreement and its Annexes. The process included extensive stakeholder and public consultation efforts,

culminating in the submission of a report to the governments of Canada and the United States in December 2008. Discussions are underway as to how negotiating talks will be handled.

In January 2010, the RAP Coordinator participated in a webinar hosted by the US EPA regarding negotiations for signing the new Great lakes Water Quality Agreement. Chief negotiators and heads of delegations for both Canada and the United States were announced. A phased approach will be used and the tentative date for completion is December 2010. The deadline for submission of comments on phase 1 (Governance) was February 14. The 2007 synthesis of the Agreement Review Committee's Report is available at: [http://binational.net/glwqa\\_2007\\_e.html](http://binational.net/glwqa_2007_e.html)

## **LAND MANAGEMENT DIVISION**

### **NPCA Receives National Merit Award - CSLA Awards of Excellence Program**

This past month our Ball's Falls Centre for Conservation and E.C. Brown Wetland projects were entered in the 2010 CSLA Awards of Excellence program. Sponsored by the Canadian Society of Landscape Architects, this national professional award program is intended to recognize and promote excellence in all aspects of the profession of landscape architecture; communicate awareness of landscape architecture to related professions, potential clients, and the general public; and establish a record on a year-by-year basis of Canadian landscape architectural work. Our submissions were judged by a jury of prominent professionals from across Canada and we are pleased to report that our E.C. Brown Wetland project received a CSLA National Merit Award...the "*silver medal*" of Landscape Architecture.

We were eligible to enter the competition because Kathy Smith, our Conservation Planner, is a CSLA member and was part of the project team. We will hear more on the award and the judge's comments in the coming weeks.

### **Ball's Falls Conservation Area**

Two special events were planned in conjunction with the Family Day holiday this year. Staff organized a program for the Niagara Multicultural Group. Thirty new Canadians from the Welland, Fort Erie, and St. Catharines Multicultural Centres and their volunteers participated in winter Olympic themed events both indoors and outdoors. The event was very successful and introduced many new people to the site.

The Family Day Winter-lympics offered with day use admission was a huge success. Volunteers and staff co-ordinated activities for close to 200 visitors. Popular events included improvised bobsledding, speed skating (plastic skates), and the bon fire. There was not a large amount of snow so creative alternatives such as the "marshmallow "snowman building contest were offered.

"Niagara Seedy Saturday" attracted more than 500 visitors to the Centre for Conservation on February 13. Organizers were pleased with the turn-out.

The "Legendary Bear" exhibit (January 23 - April 12, 2010) is popular with all ages. An education program for day care providers and pre-schools, including a special promotion to these groups has been successful. Andrea contacted Cheryl Clock at the St. Catharines Standard to set up an interview and arrange a tour of the exhibit. This resulted in a full page article in the "Today" section. Andrea is preparing the materials for the bears that will be auctioned at the Elimination Draw & Dinner on March 27. Needle artisan, Nancy Kinsmen will present a soft bear-making

workshop at the Centre on March 27 and 14 registrants have confirmed.

Final preparations are underway for the March Break Camp. The response has been good with 20 children booked each day with additional children booked for single day registration. A special March Break day program was also offered again this year for other day camp providers. Site staff has contacted Cogeco regarding the Day Camp and March Break activities planned at the Centre for day use visitors.

Museum Advisors from the Ministry of Tourism & Culture met with staff on February 23 to tour the Centre and discuss the Community Museum Operating Grant program.

Preparations continue for the collections storage project. Staff are also working with Enermodal on issues with monitoring on the LEED kiosk.

The floors have been re-finished in both the Field Centre and the Church.

Exhibit development is underway for "The Ribbet Exhibit Returns" (April 17- July 5). A poster and press release have been prepared. The initial exhibit which ran only 4 weeks was so well received, it is returning with some changes incorporated.

The Town of Lincoln advised Authority staff that the Sixth Avenue Bridge, at Twenty Mile Creek, will be closed from Late June to Mid-August. The closure will permit repairs and maintenance to keep this structure safe. The NPCA is working with the Town to coordinate changes to the road configuration in the vicinity of the bridge, while the road is closed.

### **Chippawa Conservation Area**

Construction of the new septic system began in January. The mild winter has allowed our contractor to make good progress on the trenching and laying of pipeline. While the work is underway we are updating our mapping of the park to add-in the new buried services.

Hydrogeological reports will be completed by March 19<sup>th</sup>. This is the final component required for the Ministry of the Environment approvals. The project is being implemented in stages that will allow the campground to open and begin operations using the existing sewage system. The new system will be brought on-line as soon as approvals have been received.

### **New Reservation System**

Staff are working with Media Mix Interactive to set-up the new reservation system for Long Beach, Chippawa Creek and Binbrook Conservation Areas. The project is proceeding well, and staff expect to have the system up and running in time for the opening of reservations.

### **Binbrook Conservation Area**

Binbrook has just completed their longest ice fishing season, which ran from Jan. 6 to March 7. The daily visitation for this program has increased, due to greater awareness of the site and the mild winter weather.

The “hard water” ice fishing derby was held on February 7<sup>th</sup>. There were 288 registered participants for the event, down some from the previous year.

Staff will be working over the next several weeks to ready the park for the season opening. Pavilion registrations are already being made and Binbrook is once again in the forefront of NPCA membership sales with 26 sold to date.

Work on the new park pavilion and store this past month by staff and our electrical contractor saw completion of the interior electrical wiring, exterior wiring and meter connection in the park. The electrical work has passed inspection and the City of Hamilton has our paperwork to close out the building permit. Interior fit and finish of the store area will continue by our field staff to have the building ready for spring operation.

The Binbrook Conservation Area was nominated in two categories for the Tourism Awards of Excellence. The award is a program of Tourism Hamilton. Nomination packages are being reviewed by the jury. The final awards will be announced at a ceremony held on March 25<sup>th</sup>.

### **Beamer Memorial Conservation Area**

The Hawkwatch Season will run March 1<sup>st</sup> through May 15<sup>th</sup>. This program monitors birds of prey passing over the Beamer Memorial Conservation Area, as part of a larger network of monitoring programs across North America. The station at Beamer has been operating continuously for 35 years. The Niagara Peninsula Hawkwatch (NPH) group has been leading this monitoring since 1990.

The Hawkwatch group will be holding their annual Hawkwatch Open House at the site on Good Friday, April 2<sup>nd</sup>. The event is held in cooperation with the NPCA, and will run from 10 a.m. to 3 p.m. (rain or shine). This is an opportunity for the general public to come out and learn about migrating hawks. A number of media outlets including radio, newspapers and cable have picked up the Media Releases regarding this event.

### **St. Johns Conservation Area**

New kiosk signs are being produced for the trail head at St. Johns. These signs will replace the existing sign panels, which are more than 20 years old. Signs are expected to be installed later this year. Weather permitting the earliest possibility of installation will be attempted for the trout pond opening at the end of April.

Rainbow Trout Season will open up Saturday, April 24 (12 noon).

### **Stevensville Conservation Area**

Our bridge replacement project started up on site the end of December, beginning with the replacement of the four old road culverts in the park roadway. The bridge manufacturer completed fabrication of the new bridge at the end of January. Our contractor was on site removing the old bridge and constructing the new bridge abutments the week of February 22<sup>nd</sup>.

The new bridge was installed March 5<sup>th</sup> and the contractor is removing the old bridge from the park and cleaning up the site. Final site restoration will be in early spring.

### **Virgil Conservation Area**

Trail resurfacing was completed by staff at Virgil Dams the end of last year. All trails are now upgraded with new granular surfacing and a new granular trail was added to connect to the municipal sidewalk on Niagara Stone Road. We are receiving positive comments from the community for these trail improvements.

This summer, a new bridge structure will be replacing an existing culvert crossing a municipal drain, which entering the reservoir.

### **Wainfleet Bog Conservation Area**

Staff met with adjacent public landowners at the bog to engage in a joint strategy to remediate the recent beaver damming damage at the bog. A further meeting is scheduled for mid April to finalize the collaboration.

Staff and area agencies and municipalities will participate in a meeting with the federal government this month to help in determining „critical habitat’ for the Eastern Massasauga Rattlesnake in the Wainfleet Area. This will be mapped and included under the Endangered Species Area for planning decisions.

### **Jordan 20 Valley Trail**

Staff are currently reviewing the condition of the valley trail and wood stairs on the escarpment south of King Street at Jordan as the wood stairs had to be closed off due to poor condition. Moisture and shade have prematurely weathered the wood. Other options are being explored by staff to improve the trail conditions in this area this coming season.

### **NPCA Hunting Program**

Staff have issued an additional 15 hunting permits for the NPCA Conservation Area. To date 85 hunting permits have been issued for 2010. Of these, 17 permits are issued to individuals residing outside of our administrative area.

### **Volunteer Activities - Marsh Monitoring**

A workshop for the Marsh Monitoring Program was held March 6 at the Ball’s Falls Centre for Conservation. This workshop was offered in partnership with Birds Studies Canada and approximately 13 people attended. These volunteers have assigned routes and will be collecting data on the amphibians and marsh birds which will be used to determine biodiversity among other ecological and environmental aspects.

### **Gypsy Moth Surveys**

Staff are conducting gypsy moth surveys on at Chippawa Creek, Ruigrok Tract and St.Johns, Smith-Ness, St. Johns, Hedley Forest and Willoughby Marsh Conservation Areas. These surveys conducted annually to monitor the population of the gypsy moths and assess if any measures of control are necessary. Both a winter and summer survey are completed at each

site. During these surveys the number of egg masses (winter) and the level of defoliation (summer) are assessed and compared with previous years to determine the population levels and effects, and if management techniques are required. The general moth population fluctuations are also determined in areas where no spraying has been completed. This information helps to predict populations and assess future management needs.

### **Property Assessments**

We received our property assessment notices for the 2010 tax year from the municipal property assessment corporation (MPAC) in December. For the current assessment roll we have 56 properties with a valuation of over 8 million dollars and land area of 7,000 acres (2,833 hectares).

Last year we filed thirteen requests for reconsiderations and were awarded minutes of settlement for eight. All of these settlements have been accounted for in our current assessment. For our current assessment staff are not noticing any major changes or concerns to address. We have until March 2010 to appeal our current property assessments. Our staff recommendation is to accept the current assessment and invest our time and attention to improve upon our tax exempt status in the CLTIP and MFTIP tax incentive programs.

The new managed forest plan filed this past year by our Forester for the Hedley Forest property allowed this property to re-enter the MFTIP program; on our tax assessment for this year this property is now 100% tax exempt. A new managed forest plan for Binbrook is in the works and staff are recommending our Forester look at our newly acquired properties with an eye to managed forest potential and submission to MFTIP.

For 2010 two new properties showed up on the assessment roll. The first near Fort Erie is a 95 acre vacant farm property on Michener Road. The second property is a 21 acre wooded parcel abutting our Smith-Ness property.

We are pleased to report also that we recently received from MPAC reconsideration of our 2005 assessment values with tax exempt status being reinstated in our favour. Staff are reviewing the data but it appears we should be receiving tax rebates for a number of our properties this year.

## **COMMUNITY RELATIONS**

### **Annual Report**

Preparations are underway for the production of the Annual Report. Staff anticipates that this will be complete in April.

### **Eco School Presentations**

Plaques for the 2009 Eco School program participants have been produced and arrangements are being made for their presentation. The program is continuing to be well received.



## **Earth Day Activities**

A number of requests to assist with Earth Day (April 22, 2010) activities have been received. The NPCA is providing information to as many organizations as possible to assist with their efforts to promote environmental stewardship.

## **Niagara Region Science and Engineering Fair**

The 47<sup>th</sup> Annual Science Fair will be held at Brock University March 26-28 and the Awards ceremony will take place on April 7, 2010. The Authority is pleased to sponsor this important event.

## **Annual Good Friday Hawkwatch Open House**

The annual Niagara Peninsula Hawkwatch open house at Beamer Memorial Conservation Area is being planned for Good Friday, April 2, 2010.

## **ROM 40<sup>th</sup> Anniversary Planning**

Staff is working with the 40<sup>th</sup> anniversary committee on a number of opportunities to highlight our partnership with the Region. With the environment so prevalent in people's minds, this gives us an opportunity to use this milestone to showcase our many programs and reinforce our partnerships within the watershed community. A Gala event is planned for Thursday, May 6<sup>th</sup>.

## **Niagara Children's Water Festival**

Plans for the 2010 Water Festival are proceeding and staff are currently working on following up with potential sponsors. Plans for the Public Day scheduled for Sunday, September 12<sup>th</sup> are shaping up nicely. Invitations will again be extended to watershed municipalities inviting them to set up displays showcasing their environmental initiatives.

## **Source Protection Planning**

The Draft Proposed Assessment Report is completed and 3 Public Open House are planned as follows:

DATE: Monday, March 29, 2010

TIME: 7:00 pm to 9:00 pm (Presentation at 7:30)

LOCATION: Roselawn Centre; 296 Fielden Avenue, PORT COLBORNE, ON

DATE: Tuesday, March 30

TIME: 2:00 pm to 4:00 pm (Presentation at 2:30 pm) \***NOTE TIME: - DAYTIME MEETING**

LOCATION: Four Points Sheraton - (Gibson Room); 3539 Schmon Parkway, THOROLD, ON

DATE: Wednesday, March 31, 2010

TIME: 7:00 pm to 9:00 pm (Presentation at 7:30 pm)

LOCATION: Casablanca Inn - (Traditions Room); 4 Windward Drive, GRIMSBY, ON

## **Great Outdoor Adventure Show**

Staff participated in this event held February 25-27 at the International Centre. It was a great opportunity to showcase the many conservation areas throughout the province. Over 4,000 visitors visited our

## **NIAGARA PENINSULA CONSERVATION FOUNDATION**

### **Elimination Draw, Dinner & Auction**

Board members are urged to attend and encouraged to help spread the word about the Foundation's „fun'draising event taking place on Saturday, March 27<sup>th</sup> at the Welland Lions Community Centre on River Road. For only \$65 a ticket, guests will be treated to a delicious five-course dinner, all drinks and the chance to win more than \$1,000 in cash prizes. In conjunction with the „Legendary Bears' exhibit taking place at the Centre for Conservation at Ball's Falls, this year will also feature a silent auction that includes, amongst other items, the three bears personalized by 105.7 EZ Rock morning show hosts Lori Love, Jack Peets and Michelle Cruise and other collectible bears donated by the family of Margaret Walpole. Please notify staff if flyers or tickets are needed.

### **Funding**

The Foundation has been successful in obtaining a grant in the amount of \$4,200 from the Niagara Community Foundation to support the purchase of resource kits for this year's Envirothon. This educational experience for high-school age students to learn about conservation restoration and sustainable management of natural resources is a partnership between the NPCA and community partners including the Bert Miller Nature Club, Friends of Fort Erie's Creeks, the Niagara Falls Nature Club and Heartland Forest.

Staff of the Foundation and Authority will be attending a dinner at the Fonthill Lions Club to accept a cheque in support of fish stocking at St. Johns.

The Foundation has partnered with Simply the Best Mobile Catering to provide services at the Hawkwatch event on April 2<sup>nd</sup> as well as the trout pond opening at St. Johns on April 24<sup>th</sup>. A portion of the proceeds from sales at these events will support the fish stocking at St. Johns.

### **Golf Tournament**

The *2010 Bob Welch Memorial Classic* will be taking place on Tuesday, June 1<sup>st</sup> at the Whirlpool Golf Course. Registration and sponsorship packages have been prepared and sent to previous golfers and new prospects. It has been confirmed that our hole-in-one contest will be sponsored again this year and staff will continue to work on securing additional sponsors and donations for this tournament. Board members are asked to encourage participation and use their connections to solicit auction items for the event.

### **Rock 'N Ribs**

After a hiatus of one year, Harbour Estates Winery will once again host this event that features a rib dinner and private concert with renowned Canadian rock band April Wine. Taking place September 11<sup>th</sup>, the Niagara Peninsula Conservation Foundation has been given the opportunity to participate through a silent auction table at this event. In the past four years this event has been held, more than \$10,000 has been raised. Staff will work to secure auction items and Board members are asked to assist where possible.

## **Conservation Education Bursaries**

Information and applications have been forwarded to schools and former recipients for this year's round of bursaries. These \$1,000 bursaries assist secondary and post-secondary students from the Fort Erie and surrounding area that are planning to pursue conservation-related studies. Deadline for applications this year is May 28th.

### **Recommendation:**

**Report No. 18-10 outlining the status of Authority projects be received for information.**

Respectfully Submitted by: \_\_\_\_\_

Tony D'Amario, P.Eng.  
Chief Administrative Officer/Secretary-Treasurer