

Board of Directors - Notice of Meeting

**September 17th - 10:00 a.m.,
Administration Office, Strathroy**



Tentative Agenda

1. Chair's Remarks
2. Declaration of Pecuniary Interests
3. Minutes
4. General Manager's Report
 - (i) GM's Report
 - (ii) Management of Crown Land - Ipperwash
5. Chair & Conservation Ontario Report
 - (i) CO June 22, 2015 minutes
6. Business Arising from last meeting
7. Conservation Area Reports
 - (i) Conservation Areas Update
 - (ii) A.W. Campbell Railway Station building
8. Water Resources Reports
 - (i) Current Watershed Conditions
 - (ii) WECI Projects
9. Biology Reports
 - (i) Municipal Drain Review
 - (ii) Healthy Watershed Programs
 - (iii) Partnership with MNR to evaluate wetlands
 - (iv) Reptiles at Risk
10. Conservation Services Report
 - (i) Lambton Shores Coastal Wetland Phragmites Control Program
 - (ii) West Nile Virus – Lambton County Mosquito Control Program
11. Planning & Research Reports
 - (i) Monthly Planning Activity Summary Report
 - (ii) DART Activities
 - (iii) St. Clair River AOC
 - (iv) Housekeeping changes to 2010 Lake Huron Shoreline Management Plan
 - (v) Regulations Activity Report
 - (vi) Access to Private Property Policy
 - (vii) Draft Regulation 171 Wetland Policy
12. Finance Reports
 - (i) Revenue & Expenditure Report
 - (ii) June, July, August Disbursements
 - (iii) 2015 General Levy Update
 - (iv) 2016 Preliminary Forecast Budget
 - (v) 2016 Preliminary Fees

13. Communications Reports
 - (i) Communications, Conservation Education, Coming Events & Scholarship Reports
14. In Camera
15. New Business
16. Adjournment

Please contact Marlene (call 519-245-3710, 1-866-505-3710 or e-mail mdorrestyn@scrca.on.ca) at the Administration Office by September 14, if you are unable to attend.

- 8.(ii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report dated August 26, 2015 on the ongoing Water and Erosion Control Infrastructure projects across the watershed.
- 9.(i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the status report dated September 1, 2015, summarizing Municipal Drain Review activities.
- 9.(ii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the status report dated August 25, 2015, regarding the Healthy Watershed programs in Lambton Shores, including outreach events and mailings to encourage stewardship actions, and water quality enhancement grants for agricultural BMPs and residential septic upgrades.
- 9.(iii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report dated September 3, 2015, regarding a partnership with the Ministry of Natural Resources and Forestry (MNRF) to evaluate wetlands in the St. Clair Region. The information collected will eventually be reported on in watershed report cards and used to engage residents in stewardship actions.
9. (iv) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report dated September 3, 2015, on the Reptiles at Risk program, including highlights of recent surveys for turtles.
- 10.(i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the status report dated August 27, 2015, regarding the Lambton Shores Coastal Wetland Phragmites Control Project.
- 10.(ii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the status report dated August 27, 2015, regarding West Nile Virus – Lambton County Mosquito Control Program.
- 11.(i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the St. Clair Region Conservation Authority's monthly Planning Activity Summary Reports for June and July, 2015.
- 11.(ii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report on Drainage Act and Conservation Authority Act Protocol (DART) Municipal drain activities for June to August 14, 2015.
- 11.(iii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report dated August 26, 2015, on the St. Clair River Area of Concern program.

- 11.(iv) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated August 27, 2015, regarding a project to undertake housekeeping changes to the 2010 Lake Huron Shoreline Management Plan, which includes among other tasks, bringing the Plan in conformity with the 2014 Provincial Policy Statement and utilizing the more accurate 3D technology recession rate protocol to reduce Conservation Authority Regulated areas where applicable and further approves that the project be included in the 2015 proposed budget.
- 11.(v) Moved by: Seconded by:
That the Board of Directors acknowledges and concurs with the Regulations Activity Report on "*Development, Interference with Wetlands & Alterations to Shorelines & Watercourses*" Regulations (Ontario Regulation 171/06), dated July 31, 2015.
- 11.(vi) Moved by: Seconded by:
That the Board of Directors approves the Access to Private Property Policy, dated September 17, 2015 and further directs staff to incorporate the policy into the Planning and Regulations manual.
- 11.(vii) Moved by: Seconded by:
That the Board of Directors acknowledges the SCRCA Draft Regulation 171 Wetland Policy dated September 17, 2015, the proposed circulation for comments, proposed October 28 information session, and further directs the wetland team lead to report back to the Board on consultation.
- 11.(viii) Moved by: Seconded by:
That the Board of Directors acknowledges the staff report dated September 4, 2015 regarding Development Assesment Report fee appeal
- 12.(i) Moved by: Seconded by:
That the Board of Directors acknowledges the revenue and expenditure report to July 31, 2015, as it relates to the budget.
- 12.(ii) Moved by: Seconded by:
That the Board of Directors approves the June to August 2015 disbursements as presented in the amount of \$1,663,463.49.
- 12.(iii) Moved by: Seconded by:
That the Board of Directors acknowledges the status report on the 2015 general levy receipts to August 31, 2015.
- 12.(iv) Moved by: Seconded by:
That the Board of Directors acknowledges the 2016 preliminary draft budget of \$5,227,902 with a proposed municipal general levy of \$738,420 and further that this preliminary budget be revised subject to receipt of the Modified Current Value Assessment calculations from the Ministry of Natural Resources and circulated to member municipalities for information and input based on our budget review process.

- 12.(vii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the Draft 2015 fees excluding Camping fees to assist municipalities with their budget deliberations.
- 13.(i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the Communications Report, dated August 24, 2015, including information regarding Conservation Education, Coming Events and Conservation Scholarships.
- 14.(i) Moved by: _____ Seconded by: _____
That the Board of Director go in camera at _____ am to discuss financial issues.
- 14.(ii) Moved by: _____ Seconded by: _____
That the Board of Directors rise and report at _____ am.
16. Moved by: _____ Seconded by: _____
That the meeting be adjourned.

June 25, 2015

The Board of Directors Meeting of the St. Clair Region Conservation Authority was held on the above date, at the Warwick Conservation Area, Warwick, at approximately 1:30 p.m.

Present: Steve Arnold, Chair; Diane Brewer, Alan Broad, Tony Bruinink, Andy Bruziewicz, Todd Case, Joe Faas, Larry Gordon, Betty Ann MacKinnon, Kevin Marriott, Steve Miller, Frank Nemcek, Gerry Rupke, Cindy Scholten, Jeff Wesley, Muriel Wright

Absent: Norm Giffen, Vice Chair; Mike Kelch, John McCharles, Dan McMillan

Also Present: Brian McDougall, General Manager; Kevan Baker, Director of Lands; Girish Sankar, Manager of Water Resources; Muriel Andreae, Manager of Biology; Patty Hayman, Director of Planning; Dallas Cundick, Environmental Planner/Regulations Officer; Tracy Prince, Director of Finance; Rick Battson, Director of Communications; Marlene Dorrestyn, Administrative Assistant

The Chair welcomed everyone to the meeting and requested that each Director declare a conflict of interest at the appropriate time, on any item within this agenda in that a Director may have pecuniary interest.

BD-15-076

Bruinink - MacKinnon

“That the minutes of the Board of Directors meeting, held April 23, 2015, be approved as distributed.”

CARRIED

The General Manager’s Report was presented:

- Ipperwash Beach Management Working Group
 - as directed by the Board at their February meeting, I have been attended the working group meetings as the Authority’s representative
 - this group was established to provide a forum for the parties to discuss their views regarding Ipperwash Beach, share perspectives, reconcile differences, and seek an agreement about the management of the beach
 - the group met 9 times and were able to achieve a verbal agreement by all parties regarding the establish signage and control structures that will all but eliminate motorized vehicles on the centre Ipperwash section of the beach for 2015
 - the Ipperwash Beach Management Working Group process, which was scheduled to end in May, came to a close on June 9, with a final meeting
 - the working group was able to settle on shared values that include public safety, environmental protection, historic uses, and protection of property, and this will form a basis for future discussions
 - Kettle Stony Point First Nation chose to step back from the working group process at the end of May stating that it did not appear that common ground could be found for a long term solution and that their representatives did not feel respected at Group meetings

- both Mayor Weber and Chief Bressette noted their appreciation for all the group participants and each agreed to continue discussions and to work together on many shared community interests, especially in the areas of infrastructure and economic development
- Mayor Weber and Chief Bressette are both candid in recognizing that reaching a long term agreement on uses affecting Ipperwash Beach will not be quick or easy, both have both committed to an ongoing dialogue on issues and opportunities of importance to both their communities
- the long term management plan for the Ministry of Natural Resources and Forests (MNR) properties continues to be considered
- these properties have provided the public with access to the beach, washroom facilities, garbage collection and off street parking
- due to funding cutbacks and reduced focus on recreation, MNR is no longer able to undertake maintenance on these properties and there was concern that Ontario Parks, who has been helping with maintenance in the recent past, would no longer be able to assist however, it has been confirmed that they will be able to assist in the maintenance through 2015
- MNR continues to seek one group to act as a lead in a community cooperative group and sign an agreement to undertake the long term management and maintenance of these Provincially owned properties
- the Authority, the Municipality of Lambton Shores and the Kettle and Stony Point First Nation and MNR are continuing discussions regarding such a long term arrangement
- maintenance of these properties cannot be accomplished within the Authority's current work regimen and significant changes would be required to service this area at the level being discussed
- Conservation Authorities' Biennial Tour
 - the Biennial Tour returns this fall with the Grand River and Long Point Region Conservation Authority's as host for 2015
 - Please contact Marlene or myself with any questions or if you wish to attend
- Great Lakes and St. Lawrence Mayor's Conference
 - the Authority will be hosting a booth at the conference in Sarnia later this week
 - partnering with the St. Clair River Area of Concern we will be highlighting works completed on the St. Clair River shoreline as well as some of the projects that we have been working on under the Healthy Lake Huron Centre program
 - additional information will be provided at the Board meeting
- Corporate Compensation Review
 - staff have been able to obtain almost all the preferred comparables and have completed most of the analysis on the information in hand
 - a consultant, Deborah Ward, has been engaged to provide third party review and to compile a report and recommendations
 - in 2002, the Board of Directors approved the use of Lambton County's Job Evaluation System (Associum Consultants, August 2000)
 - the Authority has been using this system to date
 - Lambton County staff have been very helpful in providing information on their revised system and it appears to be a good fit for the Authority as well

- staff will be reviewing the system over the summer
- a full report on the Compensation Review as well as any recommended changes to our existing Corporate Compensation Plan and Job Evaluation Techniques at the Board meeting in September

BD-15-077

Marriott - Faas

“That the Board of Directors acknowledges the General Manager’s report, dated June 15, 2015.”

CARRIED

Conservation Ontario minutes of the March 30, 2015 meeting were reviewed.

BD-15-078

Miller - Rupke

“That the Board of Directors acknowledges the Conservation Ontario’s minutes of March 30, 2015 as well as a verbal report from the Conservation Ontario Board Meeting of June 22, 2015.”

CARRIED

A report on the business arising from the last meeting was discussed.

- show recorded vote for budget with February 19, 2015 minutes – *a copy of the recorded vote was sent out with the April board minutes*
- concern that Parks Canada will not be able to do all the work required and felt that St. Clair would be the obvious organization to help – *see Brian’s report*
- Hazard land fragmentation:
 - *fees will not be imposed; in actuality, there should be a reduction in staff time requirements as planning applications are not brought forward for review/comment and with no lot(s) created; potential for future regulation issues/violation should be lower.*
 - *next steps: SCRCA staff have discussed the concept with several key municipal planners. They see merit in concept. Sarnia planning has examined the potential for severance and see the need in formalizing guidelines and policy. County of Lambton sees merit in some situations. Planners contacted wish to be involved in development of principles and policy. Time permitting, CA staff to draft principles and coordinate meetings.*
- request that electricity for laptops be made available for those directors using that method for their meeting packages – *electrical power bars will be available.*

BD-15-079

Bruzewicz - Bruinink

“That the Board of Directors acknowledges the updates on business arising from the April 23, 2015 Board of Director’s meeting.”

CARRIED

A Conservation Lands Update was reviewed:

- Conservation Areas:
 - the Conservation Authority owns 15 conservation areas in the watershed

- of those 15 Conservation Areas, 6 are managed by the local municipality and 9 are operated by the Conservation Authority
- of these 9, 3 conservation areas are regional campgrounds which attract campers from primarily Southwestern Ontario
- our three regional campgrounds have over 500 campsites and have 418 seasonal campers
- profits obtained from our campgrounds are used to offset capital improvements
- the camping season in 2015 runs from Friday, May 1st to Thanksgiving Day
- Warwick Conservation Area:
 - the new entrance roadway has been completed, it was ready for vehicle traffic prior to the Victoria Day weekend
 - 15 new picnic tables have been purchased & distributed
 - 11 existing 15 amp campsites have been upgraded to 30 amp
 - the pool washroom and pump house has been resided with steel
 - roads have been upgraded with gravel
 - a superintendent's office has been constructed within the existing workshop
 - a new campground reservation and accounting system has been implemented
- L.C. Henderson Conservation Area:
 - 15 new picnic tables have been purchased & distributed
 - upgrades have been completed to the WIFI system
 - roads have been upgraded with gravel
 - the main pavilion roof has been replaced with steel
 - 2 new basketball standards have been installed (funded through Foundation bingo)
- A.W. Campbell Conservation Area:
 - 15 new picnic tables have been purchased & distributed
 - roads have been upgraded with gravel
 - a new 200 amp hydro panel has been installed at the pool washroom building
 - 4 new entrance gates have been installed & landscaping improvements have been completed at the main gate
 - 2 new portable washrooms have been purchased and assembled (funded through Foundation bingo)
 - over 50 spruce and hardwood trees have been planted
 - a new campground reservation and accounting system has been implemented
- Other Conservation Areas:
 - new property identification signs have been installed at Tony Stranak and Clark Wright Conservation Areas
 - Bonduelle Foods of Strathroy will be donating funds to develop an accessible trail loop, install 2 trail benches and construct a safety railing along the existing trail (Strathroy Conservation Area)
 - due to high lake levels it was not necessary to dredge the boat ramp and harbour area at the Highland Glen Conservation Area this year
 - accessible picnic tables have been installed at 6 Conservation Areas

- Marketing/Camping Statistics - our Conservation Areas have been marketed in the following publications or events in 2015:
 - Sarnia Lambton and Chatham-Kent Tourism Guide
 - camping ads have been placed on MyFm, Strathroy-Middlesex Chamber of Commerce, and Victoria Playhouse websites
 - Blue Water Tourism Guide (in partnership with other Conservation Authorities)
 - Middlesex Home & Leisure Show (Strathroy Gemini Complex – April 25th)
 - Sarnia Art Walk (Downtown Sarnia, June 6th and 7th)
 - Grafiks Marketing & Communication has completed our new conservation area visitor guides; approximately 5,000 guides have been produced
 - 418 seasonal campers have registered in our 3 campgrounds, up from 406 in 2014. 190 seasonal campers are registered at Warwick (185 in 2014), 120 at LC Henderson (118 in 2014) and 109 at A.W. Campbell (103 in 2014).

2015 Conservation Area Staff

Director of Lands	Kevan Baker
A.W. Campbell Conservation Area	Mike Tizzard (Superintendent) 847-5357 Don Skinner (Assistant Superintendent) Mary Ann Niewenhuizen (Maint. Foreman) Travis Pavey (Visitor Services) Emily Quinn (Lifeguard - summer) Alexandra Humphries (Lifeguard- summer) Ann Dymond (Visitor Services)
L.C. Henderson Conservation Area	Terry Barrie (Superintendent) 882-2280 Mark Bakelaar (Assistant Superintendent) Sherry Turner (Maint. Foreperson) Joe Breakey (Visitor Services) Bruce McDonald (Lifeguard – summer) Sally Butler (Gatehouse- summer)
Warwick Conservation Area:	Bill Turner (Superintendent) 849-6770 Glenn Baxter (Assistant Superintendent) Jesse VanderVaart (Visitor Services – seasonal) George Ruiger (Visitor Services – seasonal) Madison Hollingsworth (Gatehouse – summer) Allison Blunt (Gatehouse/ Events – summer) Aaron Rops (Maintenance – summer) Stephen Oulds (Maintenance – summer) Janessa O’Hara (lifeguard – summer) Delaney Willemse (lifeguard – summer)
Keith McLean Conservation Lands	Kelly Johnson & Matt Caron (Property Overseers)

- McKeough Upstream Lands:
 - Property 38 – a large wetland has been completed
 - Property 97 – soil erosion works have been completed
 - approximately 5.2 acres of grass buffer strips have been planted along drains and natural water courses throughout the McKeough Upstream Lands
 - Property 38 & 39 - two homes and 5 out buildings have been demolished; most of the grading and concrete removal has been completed

Lambton County Lands:

- Lambton County Heritage Forest:
 - staff regularly inspect and perform maintenance on the 8 kms of trails
 - Forestry staff have inventoried, marked and will oversee logging operations within one of the forestry compartments
- Marthaville:
 - staff regularly inspect and perform maintenance which includes trail and parking lot maintenance
 - Phragmities around the ponds to be managed with herbicide
- Bowens Creek:
 - Forestry staff to manage the existing 50,000 seedlings previously planted
 - new entrance gates have been installed on the access laneway
- Perch Creek:
 - Staff regularly inspect and perform maintenance
 - Existing trails will be cut by a local grass contractor

Foundation Lands:

- Harrison Woodlot:
 - a new property identification sign has been installed
- Keith McLean Conservation Lands:
 - a 50 x 65 ft gravel parking lot has been constructed
 - 2 access gates have been installed at the Rose Beach Line entrance
 - grass buffer strips have been planted along the water courses
 - a trail loop has been developed

BD-15-080

Nemcek - Wright

“That the Board of Directors acknowledges the Conservation Lands Update, dated June 11, 2015 on Conservation Areas, McKeough Upstream lands and Lambton County properties.”

CARRIED

A request regarding placement of a food services truck on Authority owned property adjacent to the Dresden Rotary Memorial Gardens was considered.

- Chatham-Kent staff contacted the Authority to request permission to locate a food service vehicle on Authority owned property adjacent the Dresden Rotary Memorial Gardens
- staff requested a map identifying the location, but one had not been provided at the time of printing – additional information may be available at the meeting

- the proposal is to locate a non permanent structure on Authority property
- therefore, impacts to the property and risks to the operator are minimal

BD-15-081

Rupke - Miller

“That the Board of Directors acknowledges the report dated June 22, 2015, regarding placement of a food services truck on Authority owned property adjacent the Dresden Rotary Memorial Gardens and further that the request from Chatham-Kent be approved.”

CARRIED

A staff report on water levels, current and flood conditions was presented.

- Precipitation and Streamflow Conditions
 - as with most watersheds in Southern Ontario, our watershed experienced extremely dry spring with only 65% of the normally expected precipitation regionally over the past three months. Conditions improved significantly at the end of May and into June
 - several storm events at the end of May and continuing into June resulted in the region receiving 40mm to 50mm or 50% of the total average precipitation for the month of June within the first 10 days of the month improving conditions slightly. Watershed conditions responded with higher flows at the end of May and into June.
 - as of this report, extensive rainfall over a short period has flooded some fields and drainage culverts however with the current seasonal flow conditions being close to normal, much of the watershed has responded with a moderate increase as we move into June but levels still remain close to anticipated seasonal levels
 - precipitation numbers for the last 3 months continue to be only 62.5% and 61% for the last 6 months. While numbers suggest improvement in May (below) and into June, the regional trend is expected to remain “statistically” low when compared with 6 and 12 month regional averages.
- Flood Threat
 - there are no current flood conditions in the St Clair region with flow levels remaining in the normal range however high flows associated with sudden storm events has impacted on drains and creeks. This impact may become reduced as crops develop in open fields and more seasonal precipitation levels are reached. Watercourses are expected to accommodate additional rain events as we move into the summer season. As always conditions will be monitored in response to any significant changes in rainfall patterns and advisories will be provided as conditions dictate.
- Weather Forecast
 - June – slightly below average temperatures with average precipitation
 - Summer – above normal temperatures and precipitation are expected into the summer
- Current Projects
 - several summer projects have been started within the department to enhance overall data collection and systems management including:
 - installation of a Ott Pluvio rain gauge at Warwick CA. This gauge provides greater detail during significant rain events
 - installation of a Hobo weather station at the McLean property as part of a MOECC regional nutrient management study
 - student summer works program to provide stream gauge maintenance including grounds keeping, painting and repairs.

- comprehensive rain gauge calibration program to improve accuracy during watershed rain events
- installation of additional FTS logging equipment including Petrolia and Wallaceburg as well as new Staff Gauges at bridge locations in the watershed to improve gauge calibration
- technical assistance to Upper and Lower Thames in installing automated satellite based groundwell stations as part of the Drought Response Program (SCRCA already has one location near Strathroy)
- moving toward implementation of an in-house version of the new WISKI data management system currently used by several other CA's as well as MNRF
- Great Lakes Levels (Canadian hydrometric Service – April 2015)
 - the monthly comparison for April 2015 (current available data) lake levels continued to improve significantly compared to April 2014 for Lake Huron with a level of 176.52m, an increase of 46cm making levels higher again compared to the previous reporting period than both the 10 year average as well as the overall average for the entire period of record. This is positive news moving into the summer. Lake St. Clair has also improved with levels 21cm higher over the same month last year and 22cm higher when compared to the 10 year average. It should be noted that Lake St. Clair is quite shallow and responds quickly to increased seasonal inflow from rivers as well as the higher lake levels in Lake Huron.

BD-15-082

Scholten - Wesley

“That the Board of Directors acknowledges the report dated June 9, 2015 on the current watershed conditions and Great Lakes water levels.”

CARRIED

A report on the Low Water Response was discussed.

- the role of SCRCA is to monitor, report and support the low water response committee.
- lack of rainfall for the months of April and May prompted the low water response committee to meet on May 21, 2015.
- the Low Water Response Team is made up of representatives of water users: SCRCA board, First Nations, farmers, golf courses, and gravel pits, MOE and MMAH.
- low water conditions are determined by the analysis of precipitation and flow data at select hydrometric stations. There are three levels
 - Level I: the first indication of a potential water supply problem, managed through water conservation
 - Level II: a potentially serious problem, managed through water conservation and restrictions on non-essential water use
 - Level III: water supply fails to meet demand, managed through water conservation, restrictions and regulation of water use
- the low water response committee confirmed that the SCRCA is in a Level 1.
- graph below indicates the precipitation for the month of April for Sarnia, Petrolia and Brigden.

BD-15-083**Bruinink - Marriott**

“That the Board of Directors acknowledges the report dated June 8, 2015 on the Low Water Response and the committee meeting held on May 21, 2015.”

CARRIED

A staff report on Water and Erosion Control Infrastructure Projects submitted for funding in 2015-2016.

- review of WEIC applications have been completed by a committee of provincial and Conservation Authority staff representatives. The following 4 projects were approved for 2015- 2016.

Structure	Project Name	Description of Work	Total Project Cost (\$)	Grant Requested (\$)
McKeough Floodway	McKeough Floodway Berm Repair	perform repair work along the floodway	\$200,000	\$100,000
McKeough Floodway	McKeough slope Stability investigation	study- instability is being observed along the McKeough Floodway. Failure scarps and tension cracks are noticed along the face of the slope	\$15,000	\$7,500
Arda Dykes	Hazard Tree Removal	remove trees, shrubs and debris that have the potential to cause slope stability issues	\$24,000	\$12,000
Wallaceburg Retaining wall	Wallaceburg Retaining wall inspection	inspection of retaining wall in Wallaceburg	\$25,000	\$12,500

- we continue to wrap up projects on a monthly basis. Status of 2014 – 2015 projects is outlined below:

Structure	Project Name	Status
McKeough Dam	McKD-Hazard Tree Removal	Completed
McKeough Dam	McKeough Floodway Berm repair	Completed
Cathcart Park	Cathcart Park shoreline Protection phase 4	Completed
McKeough Dam	McKeough Dam Drop structure repair	Ongoing
LAWSS	LAWSS shoreline repair	Completed

BD-15-084**Scholton - MacKinnon**

“That the Board of Directors acknowledges the report dated June 8, 2015 on the ongoing Water and Erosion Control Infrastructure projects across the watershed and further acknowledges the project updates on the previously funding projects and projects submitted for 2015-2016 funding.”

CARRIED

A staff report regarding the Lambton Area Water Supply Erosion Project was reviewed.

- repair work started on January 26, 2015
- project was completed in 50 working days as outlined in the contract (a working day is any day during which the conditions permit the contractor to be able to undertake work to greater than 60 percent of capacity).
- approximately 280 meters of Shoreline work has been repaired in this work
- construction work completed by April 2015
- restoration work completed in May 2015
- several concrete blocks were re-used, however, 120 new concrete blocks were installed
- shoreline work has received positive feedback from the community
- LAWSS/SCRCA has received a number of complaints about the safety railing

BD-15-085**Nemcek - Gordon**

“That the Board of Directors acknowledges the report dated June 8, 2015 on the Lambton Area Water Supply Erosion Project.”

CARRIED

A staff report regarding the Healthy Watersheds Program in Lambton Shores was reviewed.

- Outreach and Education
 - Hillside School Tree Planting – Mr. Vanderburgt’s Grade 4 class planted a beautiful native tulip tree in their school yard as a wrap up to a weeklong study on Earth Day (April 24, 15). The students were quite excited to get outside and dig a big hole for the 8 foot tall tree.
 - postcard reminder to farmers – It’s that time of year again! Nearly 340 postcards were mailed to landowners in Lambton Shores, reminding them of grants that SCRCA has available for stewardship projects. Funding for the postcards came from Environment Canada and Ministry of the Environment and Climate Change. Staff are currently setting up site visits to determine project feasibility.
- 2015 Annual Healthy Lake Huron Newsletter - The release of the 2015 Healthy Lake Huron newsletter is a great kickoff to the cottage season! Articles written by a number of organizations focus on work taking place to protect and improve water quality along Lake Huron’s southeast shore. The Lambton Shores article was the very first one on the front page – it highlighted all the efforts of volunteers and local organizations in helping restore the retired Forest Sewage Lagoons.
- Water Quality Monitoring - ongoing on a monthly and storm event basis to contribute to long-term data. We had a dry spring, but a large rain event the weekend of May 29 triggered the ISCO automatic sampler. Water samples were collected every two hours by the sample for 48 hours.

Eight of those 24 samples were analyzed at the MOE lab. This analysis will contribute to understanding how and when nutrients move during precipitation events.

- Crop Surveys – With funding support from OMAFRA, staff is conducting their annual crop survey of Lambton Shores. This information will provide long-term trends in cropping practices and rotations.
- Stewardship projects – **Grants available** SCRCA secures funding to support landowner implemented stewardship projects including riparian buffers, block tree planting, windbreaks, wetlands, and erosion control measures. Staff meet with landowners and offer advice and project design and where applicable, support projects with grants. Call today for more information.

BD-15-086

Wesley - Scholton

“That the Board of Directors acknowledges the report dated June 6, 2015 on the Healthy Watersheds Program in Lambton Shores, and endorses staff efforts to engage private landowners in Best Management Practices to improve the surface water quality.”

CARRIED

A staff report regarding the allocation of funding from the Great Lakes Sustainability Fund was explained.

- on June 5, the Honourable Leona Aglukkaq, Minister of the Environment announced funding to support environmental clean-up projects in the Great Lakes. The Government of Canada’s Great Lakes Sustainability Fund (GLSF) is contributing more than \$2.8 million towards over 30 new projects in Canadian Great Lakes Areas of Concern (AOC).
- one of the projects supported by GLSF is the development of a Fish and Wildlife Habitat Management Plan for the St. Clair River AOC by St. Clair Conservation in collaboration with Ontario Ministry of Natural Resources and Forestry (OMNRF), Fisheries and Oceans Canada (DFO) and Rural Lambton Stewardship Network (RLSN). The Plan will provide a resource to facilitate habitat restoration and stewardship beyond AOC delisting.
- both aquatic and terrestrial habitat within the St. Clair River AOC are impacted by industrial, agricultural and residential development resulting in hardened shorelines and loss of wetlands resulting in the loss of important habitat for fish, waterfowl and other wildlife. As a result, the creation or restoration of habitat along with improved stewardship has been a major priority in the St. Clair River AOC. Since the river’s designation as an AOC, there has been substantial progress in habitat rehabilitation and creation within the AOC.

BD-15-087

Miller - Marriott

“That the Board of Directors acknowledges the report dated June 9, 2015 on allocation of funding from the Great Lakes Sustainability Fund (GLSF) towards SCRCA development of a Fish and Wildlife Habitat Management Plan for the St. Clair River AOC.”

CARRIED

A staff report on the Aquatic Inventory and Education Outreach Program was discussed.

- thanks to a grant from the Ontario Trillium Foundation, aquatic inventories and education programs will continue for the second year around southern Lake Huron tributaries within the SCRCA jurisdiction. This project includes partners from Carolinian Canada Coalition, and Kettle & Stony Point First Nation.
- the education component will consist of SCRCA staff and the occasional guest such as Jenny Pearce of Sciensational Sssnakes visiting students in the area and teaching them about aquatic ecology and reptile species at risk. The 2015 program will be very similar to 2014 in that students will be guided to local creeks to explore aquatic habitat and creatures that inhabit these watersheds.
- fish community surveys take place in early June while mussel monitoring is scheduled to be completed around July and August. Fish are captured using a backpack electrofisher or seine net (see photo below) and are identified, weighed, measured, and released. Freshwater mussels are typically captured by hand or fishing nets where they are also identified, measured, and released.
- fish and mussel monitoring is an effective way to determine watershed health as each species has a specific tolerance to environmental change, pollution, temperature, etc. By identifying what species are present in a watershed, SCRCA staff can get an idea of watershed health and identify priority areas where habitat improvements can be made. These areas can also be surveyed in future years for the purpose of comparing data to see if watershed health is improving or decreasing.
- data collected from aquatic inventories will be displayed in Watershed Report Cards which are published every five years. These report cards are used as a summary of watershed conditions within the SCRCA jurisdiction. This data supplements other monitoring programs such as water quality and benthic monitoring.

BD-15-088

Rupke - Faas

“That the Board of Directors acknowledges the report dated June 8, 2015 on the Aquatic Inventory and Education Outreach Program in and around Lake Huron tributaries within the SCRCA jurisdiction will continue to provide current information on watershed health and encourage residents to get involved in stewardship activities.”

CARRIED

A staff report on the Reptiles at Risk program was reviewed.

- funding has been confirmed by the Ministry of Natural Resources and Forestry for another year as part of the Species at Risk Stewardship Fund for the St. Clair Region Reptiles at Risk Program. This year will be another exciting one in that we have more monitoring efforts scheduled as well as volunteer opportunities and workshops.
- Reptiles at Risk Workshop
 - in April staff led a Reptiles at Risk workshop at the Sombra Museum in order to educate community members of the importance of Reptiles in the ecosystem as well as promote stewardship projects to enhance habitat in this key area. Approximately 30 people attended the event with great enthusiasm and some hesitations as we had Jenny Pearce from Sciensational Sssnakes present once again with her reptile entourage. Overall we had great interest and several local residents provided stories and sightings of the Eastern Foxsnake and other reptiles in the area and many showed interest in including habitat enhancements on their own properties.

- one local resident from Wilkesport was very excited about the workshop and showed some interest in not only adding habitat enhancements to their own property but also in volunteering with the SCRCA as part of our Reptiles at Risk program. It was decided that they will become a local steward of our Eastern Foxsnake Nesting box program and will help monitor our nesting boxes in the area. The goal is we will be able to improve our monitoring efforts as well as provide experience and opportunity to a very eager candidate who will hopefully in turn begin to educate others on the importance of Eastern Foxsnakes in the area.
- Snake Monitoring and Research
 - on June 9, 2015 staff assisted researchers from Queen’s University with Butler’s Gartersnake research in the SCRCA watershed. Their research focuses on the population distribution and genetics of the Butler’s gartersnake in comparison to the Eastern gartersnake. Staff assisted in locating and capturing approximately 12 Eastern gartersnakes, however Butler’s gartersnakes were not found on this day. The snakes were processed by taking measurements of length, width, head width, weight etc. The sex of the snakes was also determined, and blood samples were taken for further genetic analysis. The snakes were then released back to the particular locations they were originally found.
 - following the snake research with Queen’s University, staff completed a quick monitoring survey of nearby properties. Cover boards were examined for reptiles, with a focus on snakes. One Eastern Fox Snake was located underneath a cover board. The Eastern Fox Snake is of great interest and importance as it is a species at risk, with declining population abundances.

BD-15-089

Broad - Wright

“That the Board of Directors acknowledges the report dated June 10, 2015 on the Reptiles at Risk program, including an outreach workshop at the Sombra Museum, and reptile research on monitoring efforts on properties in the St. Clair Region.”

CARRIED

A staff report on spring 2015 tree planting was discussed.

- Seedling/Reforestation program
 - tree seedlings arrived on April 23rd as normal for spring delivery time.
 - SCRCA staff planted 54,000 trees this spring on 31 individual properties.
 - three tractor-mounted mechanical tree planters were used to plant most of the trees but several thousand trees had to be hand planted in the locations where tractors could not operate safely.
 - another 7,500 trees were ordered for 38 landowners to plant on their own.
 - tree planting was completed on May 31st.
 - most planting projects were conducted on private land this year due to the financial incentives we received through 7 different grant programs.

- more than \$136,000 in federal, provincial and local grant dollars was provided to landowners this year to subsidize the cost of trees, planting service and long term vegetation management.
- all sites were sprayed with a pre-emergent herbicide soon after planting
- another 300,000 trees were resprayed this spring on sites that were planted in 2012, 2013 and 2014.
- Large Stock/ Municipal tree program
 - approximately 800 large stock potted and bare root trees were purchased by landowners spring for windbreak and roadside tree planting
 - Brooke-Alvinston purchased the bulk of the trees for its municipal residents and provided a \$2.00/tree subsidy for landowners interested in purchasing and planting their own trees.
 - several hundred trees were planted by conservation staff on CA lands
 - price quotes were obtained from 5 separate tree nurseries and trees were purchased from 3 nurseries with the best prices and delivery costs.

BD-15-090

Bruzewicz - Faas

“That the Board of Directors acknowledges the report dated June 12, 2015 regarding spring 2015 tree planting on private, corporate and public lands.”

CARRIED

A staff report on the Larvicide program was reviewed.

- mosquito season is quickly approaching and the Lambton Public Health department has once again approved treatment of all catch basin in Sarnia-Lambton again this year.
- six summer staff from the watershed services department will be treating approximately 16,000 catch basins with a mosquito growth regulator called methoprene.
- four staff will be working out of the Strathroy office and 2 staff will be working out of the Darcy McKeough Dam.
- pre-treatment Larvae sampling is scheduled for June 18th.
- samples are then sent to Lambton Public Health. Mosquito activity will be used to determine when to start catch basin treatment. Approval from the Medical Officer of Health is required before treatments commence.
- applications for permits have been submitted to the London M.O.E.C.C. office and we are currently awaiting approval for 4 permits:
 1. Sarnia-Lambton - methoprene
 2. Sarnia-lambton - Bti
 3. Aamjiwnaang - methoprene
 4. Dupont Corunna - methoprene.
- Methoprene pellets will be applied to approximately 13,000 catch basins with 3 separate treatments spread out at 21 day intervals throughout the summer. Another 3,000 catch basins will receive a single methoprene briquette application for season long control in predetermined areas. The permit for the pesticide Bti is to be used on an “as needed” basis in open water upon request from Lambton Public Health.
- costs to the County will remain the same as last year.
- treatments of methoprene pellets usually start around the week of June 25th and end mid-August.

- public notification for pesticide application is scheduled for the Sarnia Observer for the week of June 22nd and further notifications will be posted in the Petrolia, Watford and Forest papers.
- efficacy testing is planned again this year to monitor how well pellets and briquettes are controlling mosquito populations. SCRCA staff will be conducting the sampling work.

BD-15-091

Scholten - Wright

“That the Board of Directors acknowledges the report dated June 12, 2015 regarding the Authority’s agreement with Lambton County to undertake the application of Larvicide to catch basins as part of Lambton County Community Health Services West Nile Virus Program.”

CARRIED

Regulations Summary Reports for April and May 2015 were reviewed.

BD-15-092

Bruinink - Marriott

“That the Board of Directors acknowledges and concurs with the Regulations Committee Reports on “Development, Interference with Wetlands & Alterations to Shorelines & Watercourses” Regulations (Ontario Regulation 171/06), dated April 30, 2015 and May 31, 2015.”

CARRIED

Planning Activity Summary Report for April and May 2015 was reviewed.

BD-15-093

Miller - Brewer

“That the Board of Directors acknowledges the St. Clair Region Conservation Authority’s monthly Planning Activity Summary Reports for April and May 2015.”

CARRIED

A staff report regarding the April to June 2015 municipal drain activity report associated with the Drainage Act and Conservation Authorities Act Protocol (DART) was reviewed.

BD-15-094

Bruziewicz - Marriott

“That the Board of Directors acknowledges the report, dated June 9, 2015 on Drainage Act and Conservation Authority Act Protocol (DART) Municipal drain activities and drain Letters of Review for April to date June 2015.”

CARRIED

A staff report on Bill 73 – Smart Growth for our Communities Act, 2015 was discussed.

- CAs work in partnership with regional and local municipalities to provide input and technical support in the development and implementation of official plans, secondary plans, environmental studies/reports and special municipal by-laws. They provide valuable information and advice on flood control, stormwater management and the conservation of significant natural features and functions within their respective watersheds. CAs have been delegated responsibilities from the Ministry of Natural Resources and Forestry (MNRF) to represent provincial interests regarding

natural hazards encompassed by Section 3.1 of the *Provincial Policy Statement, 2014* (PPS). Furthermore, CAs provide a crucial role in the planning and development approval process by assisting municipalities in fulfilling their responsibilities associated with natural heritage, water resources and natural hazard management.

- Proposed Amendments and CO comments - highlights on impacts to SCRCA
 - the amendment provides a more transparent process; there is potential to enhance CAs commenting role as decision makers must provide an explanation as to how comments were addressed and/or considered.
 - improved pre-consultation meeting process as recommended by CO would assist SCRCA.
 - use of dispute resolution techniques; a process has been set out. More cost effective for CAs.
- “(26.1) When a notice of appeal is filed under subsection (24), the council may use mediation, conciliation or other dispute resolution techniques to attempt to resolve the dispute”
There is an extension of time to resolve. This is positive. CO refers to this as the 60 day dispute process.
 - need for site plan control application circulation to SCRCA positive. Recommended by CO. Some municipalities circulate site plan applications to SCRCA, some do not. Can lead to inconsistency and issues with Regulation permitting.
 - minor variances – minor variances must conform with prescribed criteria and cannot apply for a minor variance for a 2 year period from which bylaw was amended,(unless council declares by resolution application for minor variance is permitted).
- overall, as CO notes, CAs are supportive of the main goals and objectives of the modifications in the Bill.

BD-15-095

Brewer - Rupke

“That the Board of Directors acknowledges the report, dated June 11, 2015, on Bill 73 - Smart Growth for our Communities Act, 2015 including Conservation Ontario’s comments on the amendments dated June 3, 2015.”

CARRIED

A staff report regarding the St. Clair River Area of Concern was discussed.

- Aamjiwnaang First Nation Earth Day Celebration – April 25, 2015
 - on April 25th, representatives from the St. Clair Region Conservation Authority (SCRCA) attended the Aamjiwnaang First Nation Earth Day Celebration. This annual event attracts many community members and local community groups. The day was very interactive with a number of activities occurring including a trash-to-treasure contest and a community clean-up. Staff set up a booth highlighting both the St. Clair River Remedial Action Plan (RAP) and major programs including water quality monitoring (with live benthic invertebrates!), shoreline softening and species at risk. Over 200 people attended the event with many community members and their families stopping by to ask questions, talk about environmental issues and learn more about the SCRCA.
- Statewide Public Advisory Council Meeting – May 4-5th, 2015
 - Donna Strang, RAP Coordinator attended the two day meeting of the Statewide Public Advisory Council (SPAC) in Port Huron, Michigan on May 4 and 5th. The SPAC consists

of public advisory council representatives from all 14 of Michigan's AOCs along with State and Federal agencies including the Michigan Department of Environmental Quality and the United States Environmental Protection Agency. The meeting provided an opportunity to learn about how AOCs and the re-designation of BUIs are addressed in the United States. Meeting highlights included discussions surrounding Michigan's delisting criteria and the Areas of Concern in Recovery designation along with a tour of American habitat projects along the St. Clair River.

- Upcoming Habitat Projects and Announcements:
 - a number of habitat restoration projects benefiting the St. Clair River AOC are under or will begin construction in the near future. In particular, RAP representation was requested at the following two announcements:
 1. Ducks Unlimited – June 10, 2015 - Ducks Unlimited will be announcing the restoration of nine wetlands covering a total of 375 hectares (900 acres) along the shores of Lake St. Clair. Three of these wetlands are located in the St. Clair River AOC boundaries and contribute to wetland goals associated with the “Loss of Fish and Wildlife Habitat” Beneficial Use Impairment (BUI).
 2. Enbridge – June 12, 2015 - Enbridge in partnership with Return the Landscape has committed \$150 000 over five-years to enhance their 445 hectare (1100 acre) Solar Farm located in Sarnia, Ontario. The project will naturalize the area with the installation of wetlands, woodlands and grasslands.
 - Status of Beneficial Use Impairments (BUIs): draft documents have been prepared for three BUIs in the St. Clair River AOC including the “Restrictions on Dredging Activities”, “Beach Closings” and “Restrictions on Drinking Water Consumption or Taste and Odour Problems”. All three are currently at different stages of review.

BD-15-096

Scholten - Nemcek

“That the Board of Directors acknowledges the report, dated June 8, 2015 on the St. Clair River Area of Concern.”

CARRIED

A staff report regarding the use of Authority owned property under a property management agreement was discussed.

- the Town of Petrolia is completing a project for reconstruction of Petrolia Line (from Fletcher St. to Bear Creek) including replacement of existing storm sewer, construction of a new outlet for the storm sewer and replacement of the existing watermain. The location of the new outlet for the storm sewer is within Bridgeview Park which is currently under lease agreement with the Town of Petrolia.
- works within Bridgeview Park consist of two storm sewer outfalls for outlet of road drainage from Petrolia Line.
- the proposed development should not negatively impact flood flows or elevations during a regional storm flood event or negatively impact Bear Creek or erosion processes. The proposed works also meet the terms of the lease agreement.

BD-15-097

Broad - Wesley

“That the Board of Directors acknowledges and concurs with the report dated June 18, 2015 “Development, Interference with Wetlands & Alterations to Shorelines & Watercourses” Regulations (Ontario Regulation 171/06) and the use of Authority owned property under a property management agreement, and further approves the proposed works to be constructed on Authority owned lands based on the conditions outlined in the report.”

CARRIED

Authority revenue and expenditures to April 30, 2015, were reviewed.

BD-15-098

Wright - Gordon

“That the Board of Directors acknowledges the revenue and expenditure report to April 30, 2015, as it relates to the budget.”

CARRIED

April and May 2015 disbursements totaling \$1,428,668.96 were considered.

BD-15-099

Marriott - Miller

“That the Board of Directors approves the April and May 2015 disbursements as presented in the amount of \$1,428,668.96.”

CARRIED

A status report on general levy received to date was discussed.

BD-15-100

Nemcek - Faas

“That the Board of Directors acknowledges the status report on the 2015 general levy receipts to June 11, 2015.”

CARRIED

Approved meeting minutes of the Health and Safety Committee were presented.

BD-15-101

MacKinnon - Case

“That the Board of Directors acknowledges the March 18, 2015 meeting minutes of Health and Safety Committee.”

CARRIED

A staff report outlining the accessibility improvements to the office were reviewed.

- St. Clair Region Conservation Authority is committed to treating all people in a way that allows them to maintain their dignity and independence. We believe in integration and equal opportunity. We are committed to meeting the needs of people with disabilities in a timely manner, and will do so by preventing and removing barriers to accessibility and meeting accessibility requirements under the Accessibility for Ontarians with Disabilities Act (AODA).
- as part of the Authority's Multi Year Plan to meet the requirements of AODA, the Authority has completed the following
 - website has been updated to the appropriate format (WCAG 2.0, Level A)
 - staff training is completed annually as a refresher and training has been incorporated in new staff training
 - Board members were trained at the December 2014 meeting. New members will need to be trained before the end of 2015.
- there were some delays in construction due to electrical, plumbing and supplier issues.
- the interior redesign is completed, we expect that exterior door and vestibule door to be installed by the first week in July and then all renovations will be complete.

BD-15-102

Scholten - Faas

“That the Board of Directors acknowledges the report, dated June 15, 2015 regarding the renovations to the Authority’s Administrative Offices.”

CARRIED

A staff report regarding changes to the Authority’s Administrative Manual was considered.

- the Administration Policy Manual was last updated and approved by the Board in 2002. This policy contains all the Authority personnel and human resource policies as well as financial procedures and policy. Since 2002 there has been many updates in Labour Laws as well as many developments in policy with the changes in technology. We have researched and made several updates to bring this document to current labour market standards.

Director’s Comments:

- budget amount for sick leave
- include step parents along with parents in Administration Manual wording.

BD-15-103

Rupke - Bruziewicz

“That the Board of Directors acknowledges the report, dated June 15, 2015 regarding changes to the Authority’s Administration Manual and further approves the update to the Manual dated June 2015 as amended, including authorization for staff to make changes to the manual resulting from legislative and regulatory changes as well as Board of Directors resolutions.”

CARRIED

A staff report regarding the disposal of nonessential and surplus equipment was reviewed.

- with the completion of the administrative office's accessibility renovation, several items have been identified as being for disposal
- the following items were identified as surplus by the administration department
- the items were offered to other Authority departments and have been declined
- the items have been reviewed by multiple staff and have been determined to have modest to no financial value
- due to the minimal value of the items, the staff have been polled to determine interest in any of the items
- items of interest will be offered to interested staff through auction or submitted sealed bids with the highest bids to be accepted for each item
- all remaining items will be donated at appropriate local agencies

BD-15-104

Bruzewicz - Miller

“That the Board of Directors acknowledges the report dated June 22, 2015, regarding the disposal of nonessential and surplus equipment and approves the disposal method as outlined.”

CARRIED

A staff report regarding communications was presented.

- Scholarships
 - the St. Clair Region Conservation Authority offers scholarships for graduating high school students living in or attending a high school within the region under jurisdiction of the St. Clair Region Conservation Authority. Students must be pursuing an education in a conservation/environmental related course of study (eg. forestry, biology, geography, agriculture, ecology etc.) in a recognized Canadian University or College.
 - the Conservation Scholarship program rewards these students based on their academic achievement and their demonstrated interest and involvement with the environment. The Scholarship is funded through trust funds with the St. Clair Region Conservation Foundation and was created through donations from individuals and organizations.
 - this year, we received 3 applications. The applications were reviewed by a committee established by the St. Clair Region Conservation Foundation which included Steve Arnold, Norm Giffen, Rick Battson and Brian McDougall. It was decided that all three candidates were deserving of a scholarship as listed below. The scholarships will be presented in June or early July.
 - A.W. Campbell Memorial Scholarship: two \$1,000 awards - Dylan Henry, St. Clair Secondary School and Kyle Cornelissen, North Lambton Secondary School
 - Mary Jo Arnold Conservation Scholarship and Tony Stranak Conservation Scholarship: one \$1,000 award - Katia Huszka, Ursuline College, Chatham (lives within the watershed)

- there is some concern about the lack of applicants. Currently we send out three copies of the scholarship information to schools so that we include the head of the science and geography departments as well as guidance. In addition, we ensure there is newspaper coverage and radio coverage to notify parents of the scholarship program. The information is posted on our website for easy access. A letter has been sent to each secondary school in the region seeking suggestions on how we might increase the number of applicants in the future.

BD-15-105

Wright - Marriott

“That the Board of Directors acknowledges the communications report dated June 10, 2015, including scholarships, Aamjiwnnang Earth Day, Memorial Forest Dedications, Art Walk and Lake St. Clair Conference.”

CARRIED

A staff report on Conservation Education was discussed.

- Canoe Race - the Sydenham River Canoe Race was held on Sunday April 19th. Over 65 boats navigated down the river, paddled by enthusiastic paddlers. \$3,750.00 was raised for Conservation Education through pledges, registration fees and T. shirt sales. Sydenham Canoe Race T.shirts were available for purchase for the first time this year. Assorted sizes and 2 colour choices prompted quick sales.
- Spring Education Programs
 - Conservation Education continues to be a popular field trip focus for area schools. Programs are booked daily from early April through to the end of the school year. Teachers appreciate the hands on opportunities to connect classroom learning to the natural world.
 - the 3 year term for funding is drawing to a close for the Alternative Energy Program. It is hoped that Enbridge will continue to fund this very popular program. More than 1,000 students have participated so far in 2015.
- Special Events
 - Kid’s Fun Fest Sarnia, June 13, 2015: Upon request, SCRCA will participate in this day-long annual event. At our booth children will be invited to ‘mudpaint’. Using mud and natural paints, the children will explore their inner artist to create a take-home masterpiece! Parents will peruse our information table where literature on camping and other CA projects will be displayed.
- Community Partnership
 - LWI Young Naturalist Groups, Ongoing: Continue to run outdoor meetings for both the Young Naturalist Group (ages 7-11) and the Jr. Conservationist Group (ages 12 +). Our final meeting for the season will be held June 27th at The Pinery where we will participate in the Annual Butterfly Count. This year the Jr. Conservationists will paddle the Old Ausable cut, counting butterflies from our boats! The 2015-2016 season will begin in September.
 - Return the Landscape: One staff person continues to sit on the Return the Landscape Committee. This Group aims to re-naturalize Lambton County using plant rescues from development sites as well as from seed. RTL is currently involved in a number of large scale projects!

- **Sarnia-Lambton Arbour Week Committee:** Representatives from local groups organize and participate in annual Tree Planting projects. This year, Holy Trinity School grade 4 students assisted with planting trees at Coronation Park. Community volunteers helped plant trees at Autumn Breeze Park in the Rapids Pkwy subdivision. The tree planting projects were funded Union Gas/Spectrum Energy and Enbridge.

BD-15-106

Wright - Marriott

“That the Board of Directors acknowledges the education staff report dated June 10, 2015, including the canoe race, spring education programs, special events, and community outreach.”

CARRIED

Under New Business, Andy Bruziewicz requested a copy of the Bright’s Grove study by Shoreplan Eng. and would like a report at the next meeting.

Thanks to staff and Friends of Warwick for the lunch.

BD-15-107

Faas - Wesley

“That the meeting be adjourned.”



Steve Arnold
Chair

Brian McDougall
General Manager

Staff Report

4.(i)



To: Board of Directors
Date: August 28, 2015
From: Brian McDougall, General Manager
Re: Conservation Authorities Act Review

- the Conservation Authorities Act, administered by the Ministry of Natural Resources and Forestry (MNR), enables two or more municipalities in a common watershed to establish a conservation authority in conjunction with the province. The purpose of a conservation authority is to deliver a local resource management program at the watershed scale for both provincial and municipal interests
- Conservation Authorities have played a significant role in Ontario's natural resource management landscape for nearly 70 years, establishing a successful legacy of resource stewardship and an impressive record of protecting people, property, and communities from water-related natural hazards (e.g. flooding, drought, erosion)
- in order to ensure that the Act is meeting the needs of Ontarians in a modern context, the MNR is seeking to engage with ministries, municipalities, Aboriginal communities, conservation authorities, stakeholders and the public to initiate a review of the Conservation Authorities Act, including addressing roles, responsibilities, funding and governance of conservation authorities in resource management and environmental protection
- a discussion paper was posted on the Province's Environmental Registry to solicit public and multi-sector perspectives on the existing legislative, regulatory and/or policy framework which governs conservation authorities and the programs and services they deliver. Comments can be made directly through the Environmental Registry by October 19th. A draft of the Authority's response to the posting will be circulated at the Board meeting
- MNR will be hosting regional Engagement Sessions over the next two weeks locally and throughout the September and early October across the Province to obtain additional input for the review.
- MNR has confirmed that a meeting with the Conservation Authorities Act Working Group will be convened following the collection of input from the engagement sessions and the Environmental Registry posting deadline to review the comments

Staff Report

4.(ii)



To: Board of Directors
Date: August 28, 2015
From: Brian McDougall, General Manager
Re: Ipperwash Crown Lands

- following the dissolution of the Ipperwash Beach Management Working Group, staff from Lambton Shores, Kettle Stony Point First Nation (KSPFN) met with representatives of the Ministry of Natural Resources & Forests (MNRF) and the Ministry of Aboriginal Affairs (MAA)
- the purpose of the meeting was to discuss the management and operations of the MNRF Managed Crown Lands
- as previously reported, MNRF, through it's 3 year transformation, is no longer able to undertake recreation focused maintenance and operations at MNRF managed Crown Lands
- Authority staff attended the second meeting of this group to assist in moving this situation toward a successful conclusion for all stakeholders
- discussions have continued from the previous working group to focus on a multi-party agreement with MNRF regarding the operation and maintenance of the Crown Land properties
- Authority staff outlined the funding formula for local benefit recreation areas (90% municipal funding & 10% regional funding) vs. regional benefit recreation areas (100% regional funding)
- Authority staff also outlined that it is not feasible for the Authority to undertake property operation and maintenance of these properties within the current staffing compliment and the location of any staff to maintain these areas would have to be housed outside of current Authority facilities as the commute to this location is not reasonable
- the concept of having a third party, beyond Lambton Shores & KSPFN, being a partner in the property management agreement has been discussed
- the objective of including an additional party would be to ensure transparency and provide an additional option for grant applications
- the model of the financial support to County Stewardship Councils was provided as an example of the type of participation for the third party

**Conservation Ontario Council
Minutes from Meeting #2/15
Monday, June 22, 2015
Black Creek Pioneer Village**

Members Present:

Dick Hibma, Chair

Mark Burnham, Vice Chair

Lin Gibson, Vice Chair

Brian Horner, Ausable Bayfield
Steve Knechtel, Cataraqui Region
Kim Smale, Catfish Creek
Chris Darling, Central Lake Ontario
Nando Iannicca, Credit Valley
Deb Martin-Downs, Credit Valley
Tim Pidduck, Crowe Valley
Forrest Rowden, Ganaraska Region
Linda Laliberte, Ganaraska Region
Jane Mitchell, Grand River
Joe Farwell, Grand River
John Cottrill, Grey Sauble
John Vice, Halton
Ken Phillips, Halton
Rob Messervey, Kawartha
Bill Mackie, Kettle Creek
Elizabeth VanHooren, Kettle Creek
Geoffrey Dawe, Lake Simcoe Region
Mike Walters, Lake Simcoe Region
Bill Bartley, Lakehead Region
Mervi Henttonen, Lakehead Region
Michael Columbus, Long Point Region
Cliff Evanitski, Long Point Region
Don Pearson, Lower Thames Valley
Ray Benns, Lower Trent

Voting Members Absent

Essex Region
Hamilton

Guests:

Scott Peck, Hamilton
Angela Coleman, South Nation
Ray Chowen, Upper Thames River

Glenda Rodgers, Lower Trent
Art Versteeg, Maitland Valley
Phil Beard, Maitland Valley
John Karau, Mississippi Valley
Paul Lehman, Mississippi Valley
Duncan Abbott, Mississippi Valley
Bruce Timms, Niagara Peninsula
Carmen D'Angelo, Niagara Peninsula
Brian Tayler, North Bay – Mattawa
Doug Lougheed, Nottawasaga Valley
Gayle Wood, Nottawasaga Valley
Dan Marinigh, Otonabee
Janice Maynard, Quinte
Terry Murphy, Quinte
Alton Blair, Raisin Region
Roger Houde, Raisin Region
Lyle Pederson, Rideau Valley
Sommer Casgrain-Robertson, Rideau Valley
Wayne Brohman, Saugeen
Rhonda Bateman, Sault Ste. Marie
Bill Smirle, South Nation
Doug Thompson, South Nation
Dennis O'Grady, South Nation
Brian McDougall, St. Clair Region
Brian Denney, Toronto and Region
Jane McKelvie, Upper Thames River
Ian Wilcox, Upper Thames River

Mattagami Region

John Matheson, Strategycorp
Amber Crawford, Strategycorp

Staff:

Kim Gavine, General Manager (a.m. only)
Kristin Bristow
Bonnie Fox
Chitra Gowda
Taylor Knapp

Jane Lewington
Matthew Millar
Jo-Anne Rzadki
Rick Wilson

1. Welcome from the Chair

Chair Dick Hibma called the meeting to order and welcomed everyone in attendance.

Dick introduced Taylor Knapp who has replaced Leslie Rich as the Policy and Planning Technician while Leslie is on parental leave. New employee Nekiesha Mohammed will be starting on Tuesday as the Communications Officer.

The Chair and Kim Gavine visited Conservation Sudbury this past week.

Kim Gavine has been invited by Minister Murray to attend the Climate Summit of Americas being held in Toronto on July 7 – 9th.

Congratulations to South Nation CA with addition to their jurisdiction.

Gayle Wood (Nottawasaga) introduced Chair Doug Lougheed, Cliff Evanitski (Long Point) introduced Chair Mikel Columbus and Ian Wilcox (Upper Thames River) introduced Vice Chair Ray Chowen.

2. Strategic Planning Discussions

The report and presentation were circulated to members before the meeting. CO staff will collaborate with Strategy Corp staff to incorporate any suggested amendments into the next version. Members can further email comments to Kim Gavine at Conservation Ontario.

A final conference call for each committee will be scheduled if required.

#20/15 Moved by: Forrest Rowden

Seconded by: Mark Burnham

THAT Conservation Ontario council approve, in principle, the Strategic Plan as presented on June 22nd and that a final version be brought forward for review and final approval at Council's September 28th meeting pending any amendments and changes;

FURTHER, THAT the draft Strategic Plan be used as a basis for establishing priorities for the 2016 workplan.

#21/15 Moved by: Bill Bartley

Seconded by: Jane Mitchell

THAT the word "approved" be changed to "received."

CARRIED

The revised motion now reads:

THAT Conservation Ontario Council receive the Strategic Plan as presented on June 22, 2015 and that a final version be brought forward for review and final approval at Council's September 28, 2015 meeting pending any amendments and changes;

FURTHER, THAT the draft Strategic Plan be used as a basis for establishing priorities for the 2016 workplan.

3. Adoption of the Agenda

#21/15 Moved by: Art Versteeg

Seconded by: Rhonda Bateman

THAT the agenda be adopted as circulated.

CARRIED

4. Declaration of Conflict of Interest

There was none.

5. Approval of the Minutes of the Previous Meeting

#22/15 Moved by: Jane McKelvie

Seconded by: John Cottrill

THAT the minutes from the March 30, 2015 meeting be approved as circulated.

CARRIED

6. Business Arising from the Minutes

Re: **Intervenor Status - Campbell vs. Bruce County**, Dick Hibma read a message from Niall Loble (Halton): The Court Reporter has advised that the transcripts from the proceeding are not yet ready and will likely be ready inside the next 6 weeks. John Olah has indicated that he suspects that this will actually stretch toward the end of summer now before these transcripts are ready. This is the first stage of the review process prior to intervention action. This delay, whilst frustrating is not anticipated to cause any issues; the Municipality cannot lodge an appeal until the transcripts are ready, so the matter is in abeyance at this time. No costs have been incurred to date and no further information confirming or rejecting appellant/intervener status is available.

7. By-law Amendments – Standing Committee Representation

The Board of Directors met by teleconference on June 18, 2015. As there are a number of by-law amendments that need to be considered, this particular item has been tabled for further consideration.

8. Motion to move from Full Council to Committee of the Whole

#23/15 Moved by: Lin Gibson

Seconded by: Forrest Rowden

THAT the meeting now move from Full Council to Committee of the Whole.

CARRIED

9. Committee of the Whole - Items for Decision

1. Levy Apportionment for 2016

Mark Burnham highlighted the Budget & Audit Committee discussions that led to this report. It was noted that one CA has corrections to their revenue figures, so the overall group's percentage will vary a bit based on that.

Don Pearson (LTVCA) provided background information for the Regression Curve.

A number of CAs expressed concern with the recommendation as provided.

The current method (approved by Council in 2006) will be used if a new one is not approved by Council. One suggestion was to use a 5 year average.

C.W.#13/15 Moved by: Bruce Timms

Seconded by: Bill Mackie

THAT the Levy Apportionment be referred back to the Budget & Audit Committee for further discussion and review and that a report be brought back to the September 28 Council meeting.

CARRIED

Consent Agenda Items

C.W.#14/15 Moved by: Bill Bartley

Seconded by: Rob Messervey

THAT Council approve the consent agenda and endorse the recommendations accompanying Decision Items 9-2, 9-3, 9-4, 9-5, 9-6, 9-7, 9-8, and 9-9.

9-2 Conservation Ontario's Comments on "Bill 73 – Smart Growth for Our Communities Act, 2015" (EBR #012-3651)

THAT the comments submitted June 3, 2015 to the Ministry of Municipal Affairs and Housing on "Bill 73 - Smart Growth for Our Communities Act, 2015" (EBR# 012-3651) be endorsed,

AND THAT Mark Rapus (Toronto and Region Conservation Authority) be endorsed as Conservation Ontario's representative on the Planning Act Working Group.

9-3 Conservation Ontario's Comments on the "Co-ordinated Review of the Growth Plan for Greater Golden Horseshoe, Greenbelt Plan, Oak Ridges Moraine Conservation Plan and Niagara Escarpment Plan" (EBR #012-3256)

THAT the comments submitted May 28, 2015 to the Ministry of Municipal Affairs and Housing on the "Co-ordinated Review of the Growth Plan for Greater Golden Horseshoe, Greenbelt Plan, Oak Ridges Moraine Conservation Plan and Niagara Escarpment Plan" (EBR# 012-3256) be endorsed.

9-4 Conservation Ontario's Comments on the "Technical Paper on the Environmental Activity and Sector Registry and Short-Term Water Takings" (EBR #012-0580)

THAT the comments submitted to the Ministry of the Environment and Climate Change on April 20th, 2015 on the "Technical Paper on the Environmental Activity and Sector Registry and Short-Term Water Takings" (EBR #012-0580) be endorsed.

9-5 Conservation Ontario's Comments on the "Guidelines on Permitted Uses in Ontario's Prime Agricultural Areas – Draft for Input and Discussion"

THAT the comments submitted to the Ontario Ministry of Agriculture, Food and Rural Affairs on May 13, 2015 (letter dated April 28, 2015) on the "Guidelines on Permitted Uses in Ontario's Prime Agricultural Areas – Draft for input and discussion" be endorsed.

9-6 CO Representative on the Drainage Act and Section 28 Regulations Team (DART)

THAT Terry Davidson (Rideau Valley Conservation Authority) be endorsed to replace Don Maciver (RVCA) as Conservation Ontario's representative to the Drainage Act and Section 28 Regulations Team (DART).

9-7 Conservation Ontario's Comments on Regulation 903 (Wells) Legislative and Regulatory Framework

THAT Conservation Ontario's Comments submitted to the Ministry of the Environment and Climate Change on April 30, 2015 in response to the "Wells (Water) Legislative and Regulatory Framework Review" be endorsed.

9-8 Conservation Ontario Representative to the 4R Nutrient Stewardship Advisory Committee, and request for letter of support for proposed MOU

THAT Council endorse Anne Loeffler (Grand River CA) as the Conservation Ontario representative on the 4R Nutrient Stewardship Advisory Committee,

AND THAT the attached draft letter be endorsed as Conservation Ontario support for the 4 R Nutrient Stewardship Initiative.

9-9 Certified Crop Advisors Update

THAT Conservation Ontario Council support the change in CO representation on the Certified Crop Advisory Association Board of Directors as a non-voting Liaison Member,

AND THAT a letter be forwarded to the CCA Board of Directors requesting this change.

CARRIED

10. Board of Directors Meeting Minutes to be received: March 16th, 26th, and 30th, 2015

C.W.#15/15 Moved by: Mark Burnham

Seconded by: Jane Mitchell

THAT the Minutes from the March 16, March 26, and March 30, 2015 Board of Directors meetings be received.

CARRIED

11. Motion to move from Committee of the Whole to Full Council

#24/15 Moved by: Rob Messervey

Seconded by: Brian Tayler

THAT the meeting now move from Full Council to Committee of the Whole.

CARRIED

12. Council Business

- **Council Adoption of Recommendations**

#25/15 Moved by: Mark Burnham

Seconded by: Jane Mitchell

THAT Conservation Ontario Council adopt Committee of the Whole (C.W.) Recommendations: C.W. #13/15 to C.W. #15/15.

CARRIED

13. Program Updates

1) Source Water Protection

Chitra Gowda (CO) highlighted that the Joint Advisory Committee (JAC) will be meeting with ADM Susan Lo (MOECC) on July 24, 2015 to discuss short term workplan issues as well as long term strategic direction for the Source Protection Program moving forward. CO hosted 4 regional meetings in order to prepare for the July 24th meeting.

2) Marketing and Communications

Dick highlighted the deadline for the Latornell Leadership awards is June 26, 2015.

3) Business and Partnership Development

There were no questions or additions to the report provided in the agenda.

4) Conservation Authority Member Services

There were no questions or additions to the report provided in the agenda.

5) Information Management Update

Rick Wilson (CO) clarified that the CO Information Management Strategy will replace the WRIP Roadmap which expires in 2015. There will be a strategic plan that comes forward to Council for approval.

14. Committee of the Whole – Items for Information

1) General Managers Report

There were no questions or additions to the report provided in the agenda.

2) Budget Status Report (for the period ending April 30, 2015)

With regards to administration fees on special projects, an update will be brought to the September Council meeting.

3) Conservation Authorities Act Review

Bonnie Fox (CO) provided an update. A discussion paper is expected to be posted on the Environmental Bill of Rights (EBR) Environmental Registry, and it will likely focus on roles and responsibilities, funding and governance of Conservation Authorities. There will be a series of questions to tease out possible priorities for improvements to the Act, regulations or policies. Kim has been in contact with Ministry of Natural Resources and Forestry staff regarding timing of the EBR posting. Throughout the review period it will be critical to show our solidarity in our messaging around this. A meeting of the CA Act Review working group has been called to discuss a draft strategy. StrategyCorp will be engaged to assist with the strategy.

4) Ecohealth Ontario

There were no questions or additions to the report provided in the agenda.

5) Ontario Land Trust Alliance Update

There were no questions or additions to the report provided in the agenda.

6) Great Lakes Water Quality Agreement Executive Committee and Annexes Sub-Committees Updates

There were no questions or additions to the report provided in the agenda.

7) Project Tracking

There were no questions or additions to the project tracking document.

15. New Business

Rob Messervey (Kawartha) commented there were a number of consent agenda items which included substantive policy pieces and commended CO staff for their work on these agenda items.

Carmen D'Angelo (Niagara) reported on a recent violation court case dismissed on a technicality, expressing concern that Justices of the Peace are not familiar with CA regulations. Bonnie concurred that this appears to be an ongoing issue and responded that this item could become part of the workplan.

Mark Burnham (Mississippi) on behalf of the Budget & Audit Committee, asked members to provide concrete suggestions for levy apportionment prior to mid-August for review by the committee.

Terry Murphy (Quinte) reported that there are issues in his watershed around solar farms and requested that Council members with experience in this area to share information with him.

Brian McDougall (St. Clair Region) reported that at the Great Lakes Cities Initiative mayor's conference there were positive references to CAs and he noted that the Watershed Report Cards are highly regarded by US partners.

Doug Thompson (South Nation) provided a reminder of the upcoming Ploughing Match in Finch September 22-26, 2015.

16. Adjourn

The meeting was adjourned

Staff Report

6. (i)



To: Board of Directors
Date: September 2, 2015
From: Marlene Dorrestyn
Subject: Business Arising from June 25, 2015 meeting

- is there financial value included in the budget to cover sick leave? *Sick Leave is accumulated but has no financial value to the employees upon termination. The financial value or cost would only be incurred when the Sick Time/Leave is taken. There would only be a budget impact if there was a need to hire a replacement, this would probably not occur until the person was on long-term disability which would have no cost impact to the budget.*
- include step parents along with parents in Administration Manual wording – *will be updated at year-end review*

Staff Report

7 (i)



To: Board of Directors
Date: August 24, 2015
From: Kevan Baker, Director of Lands
Subject: Conservation Lands Update

Conservation Areas:

Camping Statistics:

- 423 seasonal campers have registered in our 3 campgrounds, up from 419 in 2014. 191 seasonal campers are registered at Warwick (188 in 2014), 123 at LC Henderson (123 in 2014) and 109 at A.W. Campbell (108 in 2014).
- Our 3 regional campgrounds have been busy this year, gross revenues to the end of July are \$ 952,000 (up 5 %), with net revenues up 6 %.

Warwick Conservation Area:

- the new entrance roadway has been completed, it was ready for vehicle traffic prior to the Victoria Day weekend
- 15 new picnic tables have been purchased & distributed
- 11 existing 15 amp campsites have been upgraded to 30 amp
- the pool washroom and pump house has been re-sided with steel
- roads have been upgraded with gravel
- 2 chainsaw carvings have been completed (Camper Association donation)
- 200 meters of new trail have been developed and surfaced with chip and dust
- a number of dead or dying trees have been removed from the camping areas
- a weather station has been installed (Water Resources Department)



L.C. Henderson Conservation Area:

- 15 new picnic tables have been purchased & distributed
- upgrades have been completed to the WIFI system
- roads have been upgraded with gravel
- the main pavilion roof has been replaced with steel
- 2 new basketball standards have been installed (Foundation bingo)
- erosion protection works have been completed on the two weirs; this included additional rip rap and surfacing material
- the campers memorial deck and garden has been constructed- plaques will be installed along the upper railing facing in the memory of campers



A.W. Campbell Conservation Area:

- 15 new picnic tables have been purchased & distributed
- roads have been upgraded with gravel
- a new 200 amp hydro panel has been installed at the pool washroom building
- 4 new entrance gates have been installed & landscaping improvements have been completed at the main gate
- 2 new portable washrooms have been purchased and assembled (funded through Foundation bingo)
- a number of improvements have been completed to the existing mini golf course, these include new carpet, landscaping and the installation of obstacles on a few of the holes



Other Conservation Areas:

- new property identification signs have been installed at Tony Stranak and Clark Wright Conservation Areas
- C.J. McEwen – the walkway to the beach has been regraded
- Strathroy Conservation Area - Bonduelle Foods of Strathroy will be donating funds to develop an accessible trail loop and install 2 trail benches; 6 new board walk sections have been added along the trail system

- 6 accessible picnic tables have been installed at 6 different conservation areas (funded through Foundation)
- over 7,000 trees have been sprayed at Peers Wetland and Cuddy Woods (to control grass and weeds) (Conservation Services)
- many of our trails have been widened and trimmed back to permit better access for users

Marketing:

Our conservation areas have been marketed in the following publications or events in 2015:

- Sarnia Lambton and Chatham-Kent Tourism Guide
- camping ads have been placed on MyFm, Strathroy-Middlesex Chamber of Commerce, and Victoria Playhouse websites
- Blue Water Tourism Guide (in partnership with other Conservation Authorities)
- Middlesex Home & Leisure Show (Strathroy Gemini Complex – April 25th)
- Sarnia Art Walk (Downtown Sarnia, June 6th and 7th)
- Grafiks Marketing & Communication has completed our new conservation area visitor guides; approximately 5,000 guides have been produced
- our camping brochure is available at many of the municipal offices within the region

McKeough Upstream Lands:

- Property 38 – a large wetland with a series of ponds has been completed
- Property 97 – soil erosion control works have been completed
- approximately 5.2 acres of grass buffer strips have been planted along drains and natural water courses throughout the McKeough Upstream Lands
- Property 38 & 39 - two homes and 5 out buildings have been demolished; all grading and site restoration work has been completed
- over 1,100 acres of agriculture land (pasture, hay and cash crop) will be available for tender; land leases will be for 5 years and the current tenant has the ability to match the accepted offer.

Foundation Lands:

Harrison Woodlot:

- a new property identification sign has been installed

Keith McLean Conservation Lands:

- a 50 x 65 ft gravel parking lot has been constructed
- 2 access gates have been installed at the Rose Beach Line entrance
- grass buffer strips have been planted along the water courses
- a trail loop has been developed



Lambton County Lands:

Lambton County Heritage Forest:

- staff regularly inspect and perform maintenance on the 8 kms of trails
- Forestry staff have inventoried, marked and will oversee logging operations within one of the forestry compartments

Marthaville:

- staff regularly inspect and perform maintenance which includes trail and parking lot maintenance
- Phragmites around the ponds to be managed with herbicide this fall (Conservation Services)

Bowens Creek:

- Forestry staff continue to manage the existing 50,000 seedlings planted on the property; this involves cutting weeds and grasses between the tree rows and applying herbicide within the rows.
- new entrance gates have been installed on the access laneway
- a rental agreement has been signed for the use of the drive shed

Perch Creek:

- staff regularly inspect and perform maintenance
- existing trails are being cut by a local grass contractor

Staff Report

7.(ii)



To: Board of Directors
Date: September 3, 2015
From: Kevan Baker, Director of Lands
Subject: A.W. Campbell Railway Station Report

Background:

- the building was constructed in 1918 by the Canadian National Railway in the Village of Newbury and operated until 1966
- in 1969 the building was donated to the Conservation Authority by the village and moved to the conservation area
- it was used as an outdoor education building for many years with a theatre and teaching area
- with the development of the L.C. Henderson outdoor education center in the mid 1990's the majority of the educational classes were switched to that location; only the Maple Syrup program was offered out of the train station
- due to lack of bookings, the Maple Syrup program for school classes was eventually cancelled
- the camping emphasis has been directed towards the main camping area and we have started to naturalize most of the area around the railway station with trees or meadow



Building Condition:

- the building is wood frame construction with the original wood siding and doors
- the roof was replaced approximately 15 years ago and will need to be upgraded in a few years
- there are no services to the building and it is being used only as storage for surplus supplies
- the cost to renovate to a usable state would be considerable and those funds may be best directed to the construction of a storage/staff facility within the main campground area
- the building has become an eye sore and serves no operational purpose



Recommendation:

- recommend to remove the building

Staff Report

To: SCRC Board of Directors
 Date: August 26, 2015
 From: Steve Clark, Water Resources Specialist
 Subject: Current Watershed and Lake Level Conditions

8.(i)



Highlights:

- June precipitation much higher than average
- No major flood events across the region in summer
- Lake levels continue to improve over 2014

Precipitation and Streamflow Conditions

- Following an extremely dry spring, conditions changed considerably into June with many areas in the watershed reporting more than twice the normal precipitation (fig 3) reducing the threat of summer low water conditions experienced in past years.
- River levels responded to the extended periods of rain events (fig 1) throughout June and then stabilized into July and August but continued at slightly higher than seasonal averages (identified in red line) at most watershed gauging stations.
- Rain events (fig 2) throughout this summer have been less severe with most storms resulting in less than 12mm and only three significant storm events over the period. Some localized storm cells have been noted across the region (fig 4) but did not result in extensive rainfall or develop into potential for flood conditions.
- August precipitation remains lower than average (see below) but three month regional averages (fig 1) were bolstered by the significant June numbers resulting in **110%** of the rain for that period but the six month and twelve month figures remained below normal at approximately **86%** of normal. The regional trend is expected to remain “statistically” low into the fall as indicated by Environment Canada.

Current Month (to Date)	Sarnia	Strathroy	London	Windsor
August % of Normal	49%	75%	44%	69%
Total Precipitation	37.8	61.2	37.9	55.2

- As of this report, seasonal flow conditions remain close to anticipated average levels and much of the watershed has retained the capacity to accommodate any significant storm conditions into the fall.

Fig 1. Station Level Comparison June to August – (WSC data.)

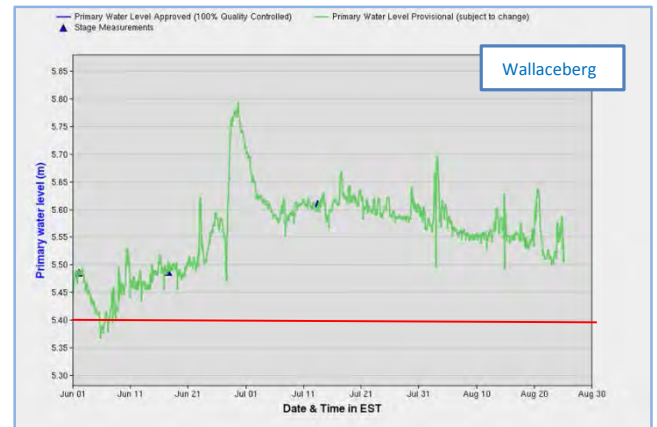
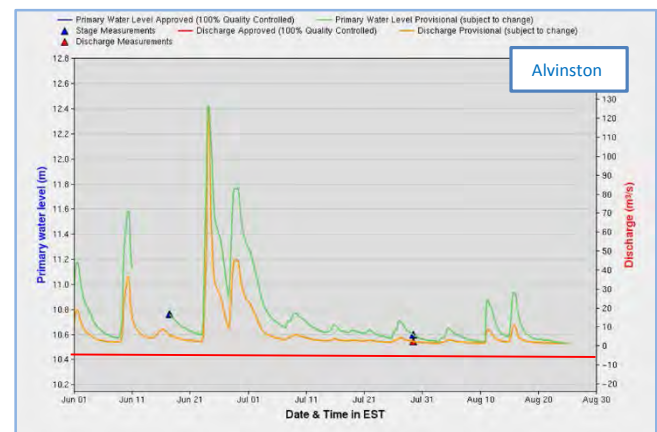
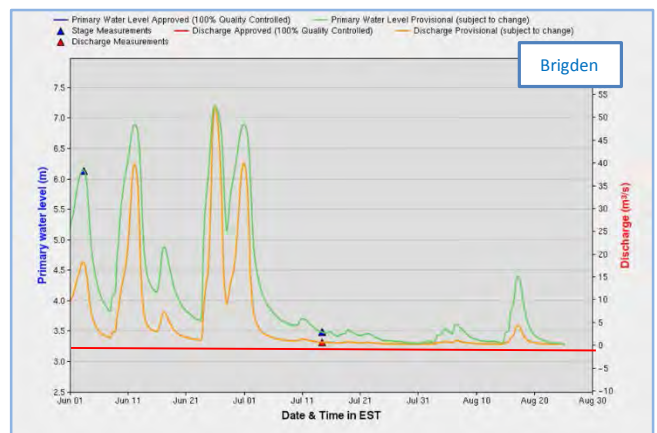


Fig 2. Precipitation and temperature conditions - July through August 2015

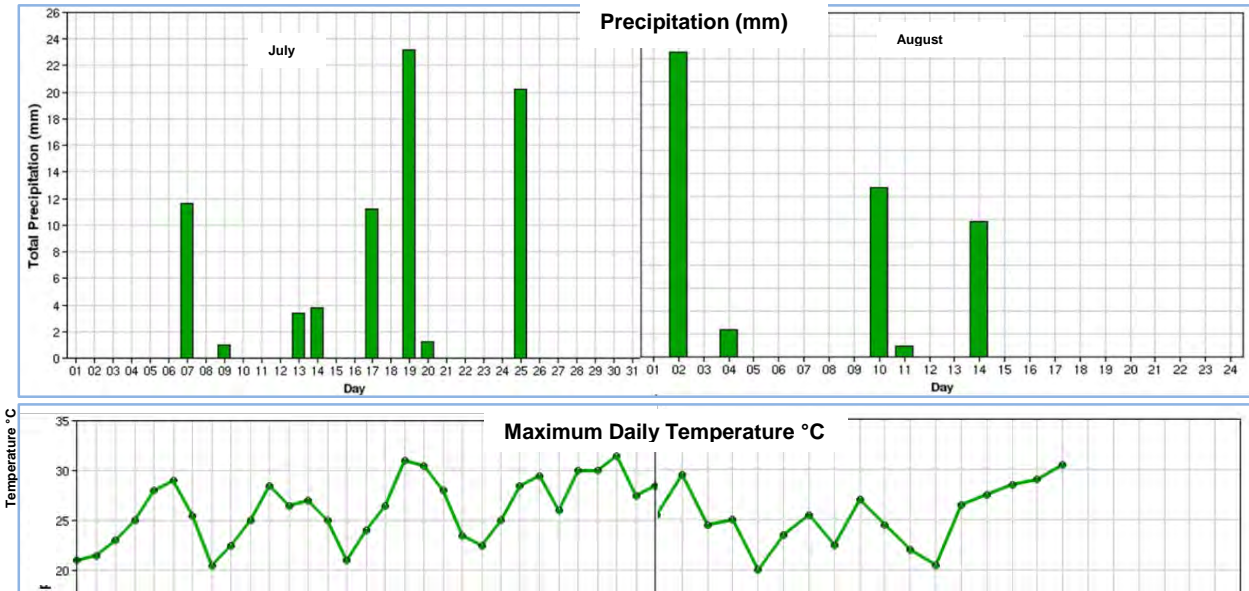


Fig 3. Regional Precipitation Summary (Source: SCRCA)

Flood Threat

Following the last Flood Watch issued June 27th there have been no flood conditions bulletins reported in the St. Clair region with flow levels remaining in the normal range. Watercourses are expected to accommodate additional rain events as we move into the fall season. As always, conditions will be monitored and significant changes in rainfall patterns and advisories will be provided as conditions dictate.

Precipitation (mm)	Sarnia		Strathroy		London		Windsor	
	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
Last Quarter								
August	37.8	77.1	61.2	82.1	37.9	85.3	55.2	79.7
July	49.7	74.1	75.6	71.7	61.8	82.2	73.3	81.8
June	100.4	85.5	188.6	74.5	173.1	86.8	153.2	89.8
Averages								
last 3 month totals	187.9	236.7	325.4	228.3	272.8	254.3	281.7	251.3
last 3 month % of normal	79.4%		142.5%		107.3%		112.1%	
regional average	110.3%							
Averages								
last 6 month totals	319.8	444.6	470.8	461.2	417	497.8	438.1	492.2
last 6 month % of normal	71.9%		102.1%		83.8%		89.0%	
regional average	86.7%							
Averages								
last 12 month totals	574.8	846.8	922.6	945.1	845.8	987	833.8	918.4
last 12 month % of normal	67.9%		97.6%		85.7%		90.8%	
regional average	85.5%							

Weather Forecast (Data: Weather Network, Environment Can)

September	<ul style="list-style-type: none"> Slightly above average temperatures (1°C) with below precipitation
Fall	<ul style="list-style-type: none"> Above normal temperatures with below normal precipitation are expected into the Fall season

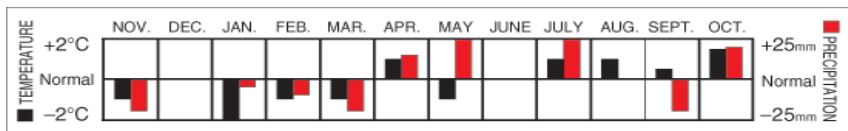


Fig 4. Storm cell north of Strathroy (Source: SCRCA)



Current Projects

Summer staff installing Ott Pluvio Rain Gauge



Several summer projects have been completed within the department to enhance overall data collection and systems management including:

- installation by summer staff of an Ott Pluvio rain gauge at Warwick CA. This gauge provides greater detail during significant rain events. Additional sensors including wind, temperature, humidity and soil moisture have been added and all data will be accessible through the MNR's online WISKI-Pro system and integrated into our own WISKI data management system

- a Davis weather station unit has been relocated to a neighbouring farm property in Lambton Shores to improve data transmission issues
- repairs to a damaged Provincial Groundwater Monitoring wellhead have been completed following vandalism to the unit located in Guthrie Park
- staff will again be attending the annual Provincial Flood Forecasters conference in September. This conference is a great forum for communicating flood management practices, current scientific trends and opportunities for networking across all disciplines and levels government

Solar powered satellite communications – Warwick Site



Great Lakes Levels (Canadian Hydrometric – July 2015)

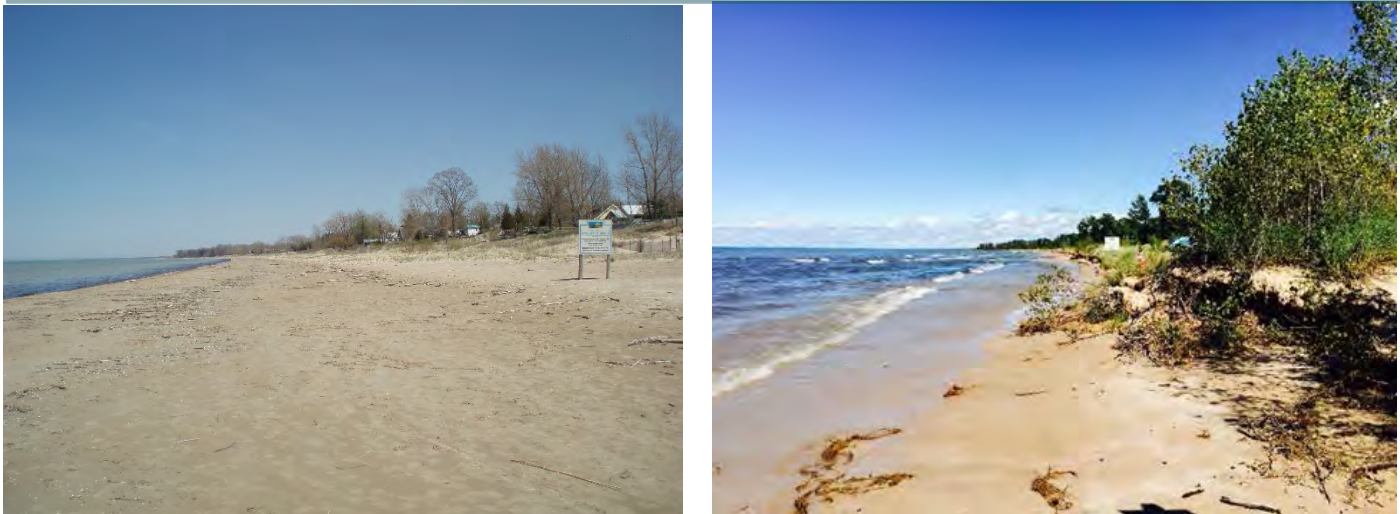
The monthly comparison for July 2015 (current available data) lake levels continued to improve significantly compared to 2014 levels for Lake Huron with the July reported level of **176.73m**, an increase of **27cm** when compared with the same month last year and **51cm** higher than the average for the last 10 years. This trend continues to impact on

Units	Current Monthly Level	Monthly Level Last Year	Change 2014/2015	Current Month Avg for Last 10 Years	Change Current compared to 10 year	Anticipated Next Month	Average for Period of Record (96 years)
<u>Lake St. Clair</u>							
Metric (m)	175.56	175.26	0.30	175.09	0.47	175.49	175.18
Imperial (ft)	575.98	575.00	0.98	574.44	1.54	575.75	574.74
<u>Lake Huron</u>							
Metric (m)	176.73	176.46	0.27	176.22	0.51	176.72	176.57
Imperial (ft)	579.82	578.94	0.89	578.15	1.67	579.79	579.30

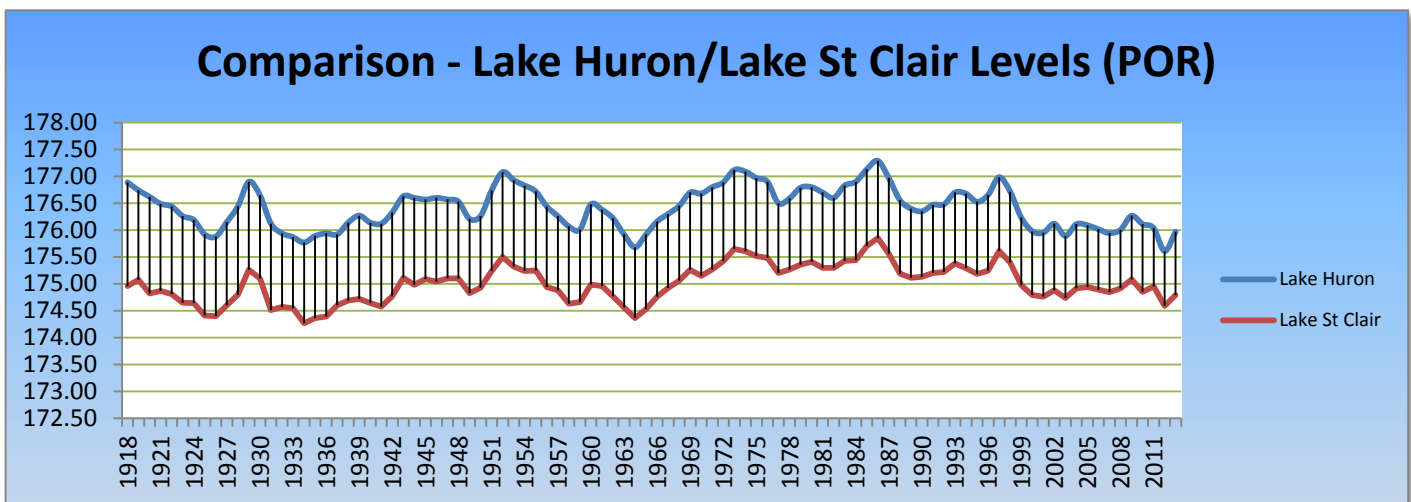
Relocation of Davis Weather Station



Fig 5. Comparison of Beach Conditions – Ipperwash Beach north of London Road allowance 2011 (left) and 2015 (right)



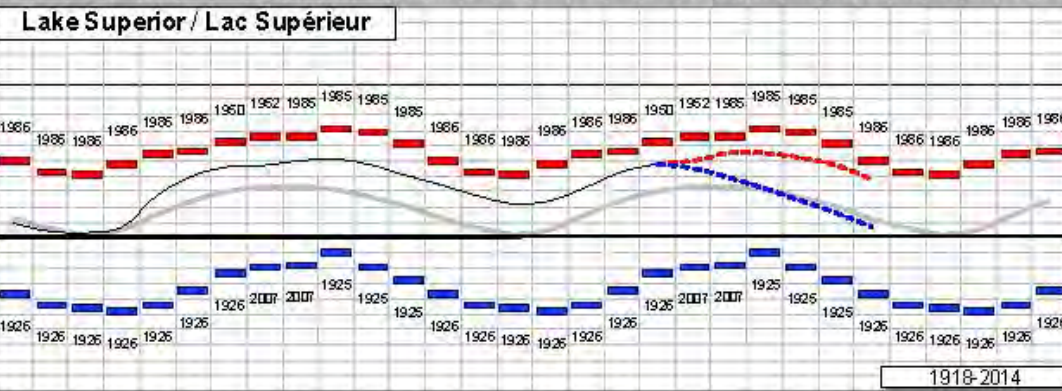
shorelines by reducing the extent of many beaches (fig 5) and resulting in additional erosion to adjacent dune areas. A comparison of historical lake levels (graph below) suggest a possible short term trend toward higher lake levels mostly due to cooler winter temperatures with higher snowfalls in the north as well as ice conditions reducing lake evaporation lowering levels during the winter of 2014\15. It should be noted that an upward trend such as this, while reassuring, should not however imply any major long term changes or trends and should be considered cautiously over extended periods. The cycle of higher and lower lake levels has been downward in the past 20 years when compared with the previous 20 years.



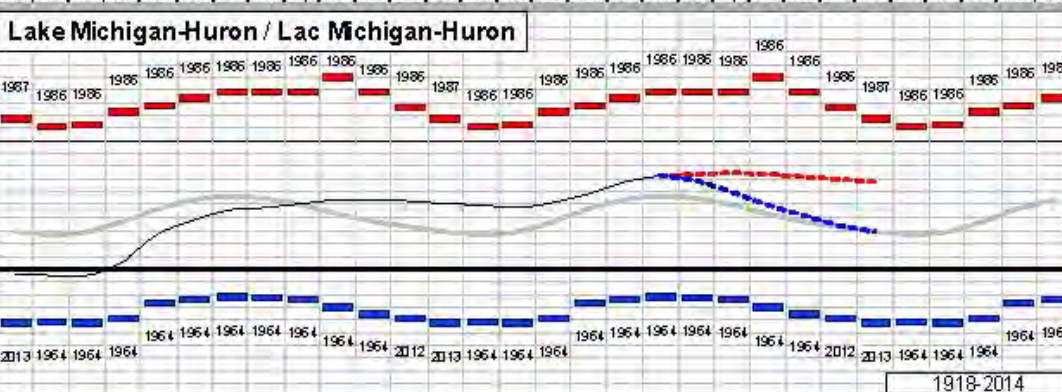
July 2015 Juillet

Water Levels in meters relative to chart datum / Niveaux d'eau en mètres en comparaison au Zéro des cartes

2014												2015												2016											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun						
Jan	Fév	Mar	Aur	Mai	Juin	Juil	Août	Sep	Oct	Nov	Déc	Jan	Fév	Mar	Aur	Mai	Juin	Juil	Août	Sep	Oct	Nov	Déc	Jan	Fév	Mar	Aur	Mai	Juin						



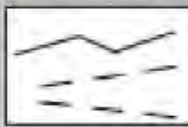
2014												2015												2016											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun						
Jan	Fév	Mar	Aur	Mai	Juin	Juil	Août	Sep	Oct	Nov	Déc	Jan	Fév	Mar	Aur	Mai	Juin	Juil	Août	Sep	Oct	Nov	Déc	Jan	Fév	Mar	Aur	Mai	Juin						



2014												2015												2016											
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun						
Jan	Fév	Mar	Aur	Mai	Juin	Juil	Août	Sep	Oct	Nov	Déc	Jan	Fév	Mar	Aur	Mai	Juin	Juil	Août	Sep	Oct	Nov	Déc	Jan	Fév	Mar	Aur	Mai	Juin						



Recorded Monthly Mean Level
Probable Range of Future Levels



Niveaux moyens mensuels enregistrés
Prévisions pour les mois à venir

Water Levels in meters relative to IGLD 1985 / Niveaux d'eau en mètres en comparaison au SRIGL 1985

Staff Report

8. (ii)



To: Board of Directors
 Date: August 26, 2015
 From: Girish Sankar, Manager of Water Resources
 Subject: Water & Erosion Control Infrastructure (WECI) Projects

- Review of WECI applications have been completed by a committee of provincial and Conservation Authority staff representatives. The following 4 projects were approved for **2015- 2016**.

Structure	Project Name	Description of Work	Total Project Cost (\$)	Grant Requested (\$)
McKeough Floodway	McKeough Floodway Berm Repair	perform repair work along the floodway	\$200,000	\$100,000
McKeough Floodway	McKeough slope Stability investigation	study- instability is being observed along the McKeough Floodway. Failure scarps and tension cracks are noticed along the face of the slope	\$15,000	\$7,500
Arda Dykes	Hazard Tree Removal	remove trees, shrubs and debris that have the potential to cause slope stability issues	\$24,000	\$12,000
Wallaceburg Retaining wall	Wallaceburg Retaining wall inspection	inspection of retaining wall in Wallaceburg	\$25,000	\$12,500

- We continue to wrap up projects on a monthly basis. Status of other **WECI** projects is outlined below:

Structure	Project Name	Status
McKeough Dam	McKeough slope Stability investigation	LVM Engineering has been consulted for this work. Work is ongoing, 4 boreholes have been drilled along the floodway.
McKeough Dam	McKeough Floodway Berm repair	42 inch culverts have been ordered for this work. Contractor quote (BFE) is being reviewed.
McKeough Dam	McKeough Dam Drop structure repair	ongoing, Reviewing quote from Contractor
LAWSS	LAWSS shoreline repair	completed

Staff Report

9. (i)



To: Board of Directors
Date: September 1, 2015
From: Kelli Smith, Biological Technician
Subject: SCRCA staff help member municipalities meet regulatory requirement by issuing Standard Compliance Requirements (SCRs) and Letters of Review (LoR).

Conservation Authorities (CAs) regulate activities that change, divert, or interfere in any way with the existing channel of a river, creek, stream or watercourse, or that interfere with wetlands. Municipal drains are generally watercourses as defined under the CA Act and are therefore regulated by CAs.

Staff help member municipalities meet regulatory requirements by issuing Standard Compliance Requirements (SCRs) as per the Drainage Act and Conservation Authorities Act (DART) Protocol and Letters of Review (LoR) for projects where DART does not apply (Drainage Act, S. 4: Petition Drains and S. 78: Improvements). If drain projects are carried out (with or without a CA Act S. 28 permit) and impact, with respect to the CA's regulatory responsibilities under the CA Act, areas that are regulated, the CA could be held liable for not undertaking or enforcing its regulatory responsibilities.

SCRs and LoRs outline project specific sediment and erosion measures for all projects. Upstream and downstream flooding are considered where appropriate (e.g., culverts and enclosures) and appropriate advice is incorporated into review letters and SCRs. Interference with wetlands is discouraged by negotiating project specific mitigations. St. Clair Conservation staff work with municipalities to try to find solutions that meet the requirements of both the Drainage Act and the Conservation Authorities Act.

2015 Update

So far in 2015, a total of 83 files have been submitted to SCRCA for review. 54 have been reviewed under the DART protocol and have received SCR permissions. 26 have been reviewed by staff and received LoRs as the works were outside of those specified under the DART protocol.

Categories of Drain Review	January – April 2015	May-July 2015	Totals
DART Protocol – SCR issued	24	30	83
Letter of Review Issued	17	9	
Other Types of Files (e.g., Environmental Assessment, sign-off, Assessment changes)	2	1	
Total Files	43	40	

An additional 26 files have been received in August and are currently either under review or require additional information to process. Now that fall is approaching the municipal drain projects are picking up especially with regards to maintenance. SCRCA staff also meet with Drainage Superintendents on proposed projects and conduct site visits where necessary.

Staff Report

9.(ii)



To: Board of Directors
Date: August 25, 2015
From: Jessica Van Zwol, Healthy Watershed Specialist
Subject: Healthy Watersheds Program

Outreach and Education

While the beach at Ipperwash seems to have shrunk with the high water levels, efforts to connect with cottagers and visitors in Lambton Shores has grown. Staff walked the beach handing out the Healthy Lake Huron newsletters in August and spoke with nearly 200 hundred beach visitors. Discussions popped up with numerous beach goers regarding why the beach was as small as it is this year and why the dunes are so big. We had the opportunity to hear many passionate stories of visitors' past visits to the beach as children or with their young children. It's wonderful to hear so many people enjoying the beautiful beaches of Lake Huron and their happiness that community groups are working together to keep it that way!

Staff attended the Lambton Soil and Crop Improvement Association Twilight Tour on August 13. It was a great experience and many farmers stopped by the booth for free soil samples and more information about grants, cover crops, and our upcoming bus tour.

Staff have also been working on materials to connect with inland landowners regarding conservation farming practices that will keep soil and nutrients on the land, not in local waterways.



Anne Verhallen and Adam Hayes, Soil Management Specialists with OMAFRA, will be discussing the importance of soil health, aggregate stability and the ins and outs of cover crops on this bus tour in Northern Lambton County.

Speak with farmers who have experimented with strip tillage and two- and multi-species mixes for cover crops.

WHAT: FREE bus tour highlighting local farm practices (Doug Rogers in Lambton Shores and Cornelissen Farms and Nick Stokman in Stratford) and discussing options for multi-species cover crop mixes, aggregate stability, and maintaining soil health.

WHEN: Wednesday, September 23

WHERE: Meet @ Ed J. Dodge Conservation Area (88 Main St. South, Forest)
Registration: 1:30-2 pm
Bus leaves at 2 pm

Beef on a bun dinner (free) will be provided following the tour

Please register by September 20
For more information & to register, contact Jessica Van Zwol
jvanzwol@scrcn.ca, 519-245-3750 ext. 241



We are working with landowners currently who are upgrading their septic systems.

We are busy coordinating all the details of all the events that will be taking place in September: it will be a very busy month showcasing Healthy Lake Huron! The importance of water quality and conservation will be the focus at the **Forest Ag in the Classroom** day with elementary school children September 18. We are planning a **Shoreline Cleanup** September 19 at 9 am at Centre Ipperwash Beach - feel free to come out and volunteer for the morning! We'll also be manning a booth the **Forest Fall Fair** September 25-27 (come by to see our display and say hello!). On September 23, we will be co-hosting a

cover crop bus tour with Lambton Soil and Crop, visiting local farms and talking with local farmers regarding their experiences with cover crops. If interested, you are welcome to join us – please just register with Jessica Van Zwol jvanzwol@scrca.on.ca

Authority Board members are welcome to attend, please contact me by the date of the meeting to reserve your seat.

Stewardship projects – **Grants available** SCRCA secures funding to support landowner implemented stewardship projects including riparian buffers, block tree planting, windbreaks, wetlands, and erosion control measures. Staff meet with landowners and offer advice and project design and where applicable, support projects with grants. Call today for more information.

Upcoming events

- *September 18:* Forest Ag in the Classroom
- *September 19* – 9-11 am: Great Canadian Shoreline Cleanup. Meet at Centre Ipperwash Beach boat launch on Ipperwash Road
- *September 23:* Lambton Shores Stewardship Bus Tour. Meet at Esli G. Dodge at 1:30 pm, bus leaves at 2 pm with stops at local farms highlighting cover crops, soil health, and strip tillage practices. Dinner to follow. FREE
- *September 25-27:* Forest Fall Fair
- *September 26:* Strathroy TD Tree planting day at Centennial Park

If interested in attending any of the above events, please contact Jessica Van Zwol for more information.

Staff Report

To: Board of Directors
Date: September 3, 2015
From: Erin Carroll, Manager of Biology
Subject: 2015 Wetland Evaluations

9. (iii)



St. Clair Region Conservation Authority has initiated a new project in partnership with the Ministry of Natural Resources and Forestry to evaluate wetlands in the St. Clair Region. This updated information on wetlands will eventually be reported on in watershed report cards and used to engage residents in stewardship actions. For this project:

- Aylmer District staff will work with staff from St. Clair Region Conservation Authority, to identify and evaluate high priority Wetlands (i.e. development pressures, vulnerable drinking water sources, areas with out of date evaluations)
- 1200ha of wetlands (5 wetland complexes) will be evaluated annually using methodology outlined in the Ontario Wetland Evaluation System (OWES) to determine significance (e.g. Provincially or non-provincially significant)
- 2 previously evaluated wetlands will be updated using OWES to determine potential changes in significance, in vegetation communities or hydrological processes over time.
- MNRF will work with CA staff to identify and evaluate a wetland complex within the St. Clair AOC
- MNRF will build capacity at SCRCA to complete wetland evaluations by training staff on the OWES.
- Results of evaluations (including significance) and mapping will be communicated to MNRF annually for incorporation into LIO (Land Information Ontario) (or other supported GIS applications) and annually to municipalities for incorporation into municipal planning documents (official plans).

Work on this project started in late September and will continue into early 2016.

Staff Report

9. (iv)



To: Board of Directors
Date: September 3, 2015
From: Kelli Smith, Biological Technician
Subject: 2015 Reptiles at Risk Program Update

Monitoring efforts for reptiles in the St. Clair Region watershed are ongoing for the 2015 field season. This year marked the first observation of the Eastern Musk Turtle on one of our Conservation Areas. The Eastern Musk turtle also known as the Stinkpot, named for its strong musky odor, is a small turtle measuring anywhere between 9 and 12 centimeters along the length of the shell. They are often found in shallow rivers, lakes and ponds with slow current and a soft bottom. Habitat loss and degradation resulting from wetland destruction and shoreline alteration have caused the eastern musk turtle to decline or disappear from many areas where it once occurred, and ongoing habitat loss continues to threaten this species. Musk turtles are often most active at night and can be found foraging along the bottom of a water body in search of food and shelter. One of the most unique traits of the Eastern Musk turtle is its ability to climb. Some musk turtles have even been observed on tree limbs overhanging the water talk about talent!



Figure 1 Eastern Musk Turtle a new species record for our monitoring program. Photo by Joe Crowley

Continuing on the topic of turtles, SCRCA staff conducted the annual turtle survey along two stretches of the Sydenham River. Over the past few years our focus has shifted

from species presence/ absence and strictly observations to a more conservation oriented approach. This year marked the second year for monitoring the area for nesting sites. In the Sydenham River the Eastern Spiny Softshell turtle is a very unique species that is currently listed as Threatened both federally and provincially. Habitat loss is a major contributor to the decline of this species. Nesting sites along the Sydenham are few and this does not help the population or success of the species as there are not as many hatchlings observed in this area. Spiny Softshells nest mainly in sandy gravel substrate usually on south facing slopes or areas with lots of sun throughout the day in order to incubate the eggs. Along the Sydenham sandy gravel bars and banks are not as common and are usually dominated by clay and silt. Our goal this year was to get out on the Sydenham during peak nesting time to monitor turtles for nesting behavior. Unfortunately, due to the large storm events that occurred early June, the water on the Sydenham rose significantly and delayed our monitoring days. Once we were able to get out we did notice some possible nesting sites and quite a bit of basking behavior but alas no nests were found. Hopefully in the years to come we are lucky enough to get out at the right time and find nests we will be able to collect and incubate the eggs in order to protect and conserve the species along the Sydenham River.



Figure 2 Top Right: Potential nesting site or test nest along bank; Center: a view from the canoe along the Sydenham; Bottom Left: A spiny softshell turtle

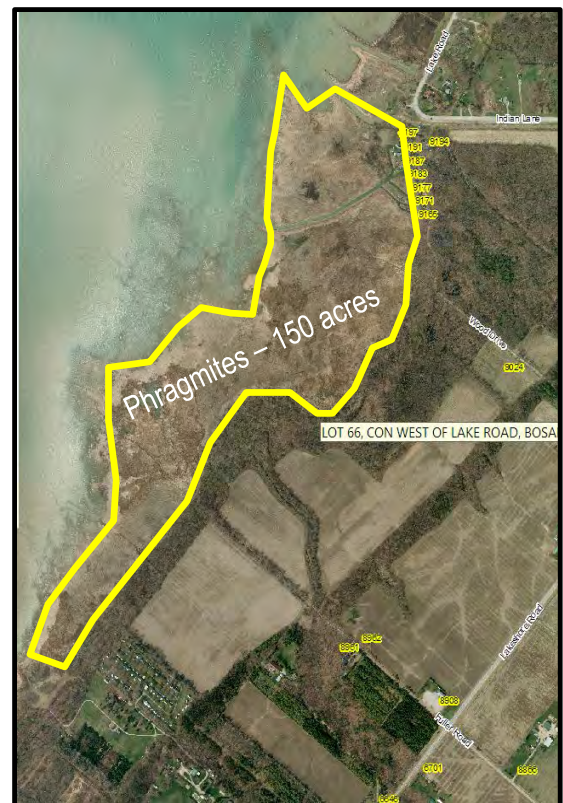
Staff Report

10. (i)



To: Board of Directors
Date: August 27, 2015
From: Steve Shaw, Conservation Services Department
Subject: Lambton Shores Coastal Wetland Phragmites Control Project

- Lambton Shores Coastal Wetland is located immediately to the south of Kettle & Stony Point First Nation land is approximately 150 acres in size.
- This large coastal wetland is almost 90% choked out by Phragmites australis and is almost void of native vegetation and wildlife species.
- The Conservation Authority partnered with the Lambton Shores Phragmites Community Group and has been successful with obtaining over \$68,000 in provincial and federal grants to start an aggressive control program.
- this spring started out with the rolling and burning of approximately 60 acres of phragmites with plans to spray herbicide on the regrowth in early September.
- lake water levels are very high this year so the remaining area could not be burned or rolled due to 80 to 120 cm deep water. Approximately 35 more acres was rolled and or manually chopped using gas powered “weed whipper” equipment with sickle bar attachments. The plants are cut below water level in order to drown the phragmites and kill the roots
- we are working with a wetlands expert (Dr. Janice Gilbert) from the Tillsonburg area. Dr. Gilbert is mapping and monitoring the areas as well as providing management/control advice.
- work will continue into September and possibly October with follow up treatments planned for the next several years.



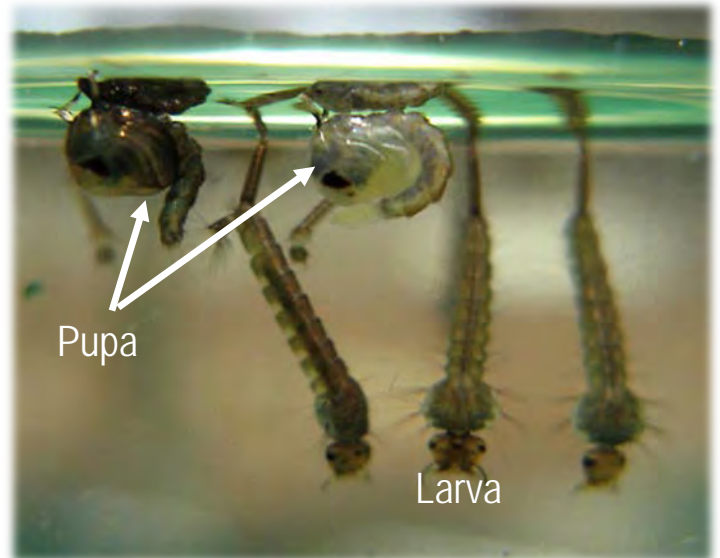
Staff Report

10. (ii)



To: Board of Directors
Date: August 27, 2015
From: Steve Shaw, Conservation Services Department
Subject: West Nile Virus - Lambton County Mosquito Control Program

- * the third and final application of mosquito larva control for Lambton County including the City of Sarnia was completed by conservation services staff on August 26th.
- * six summer staff from the conservation services department successfully treated approximately 16,000 catch basins with the mosquito growth regulator methoprene.
- * four staff working from the Strathroy office and 2 staff from the Darcy McKeough Dam treated 3,000 catch basins with a single season long methoprene briquette and approximately 13,000 catch basins were treated with three applications of methoprene pellets at 21 day intervals.
- * the two most common species of mosquito likely to spread West Nile virus are *Culex pipiens* (the common house mosquito) and *Culex restuans* (the white-dotted mosquito). Both species lay eggs in shallow stagnate water that urban catch basins provide.
- * post treatment efficacy testing at 15 to 17 day intervals for the pellets and 60 to 90 day intervals for the season long briquettes will continue into September. The methoprene treatments prevent mosquito pupa from developing into biting adult mosquitos.
- * results will be sent to the Lambton Public Health in October.
- * four permits for the application of methoprene were received from the Ministry of the Environment and Climate Change
 1. Sarnia-Lambton – methoprene pellets and briquettes
 2. Sarnia-Lambton – Bti for wetland emergency situations
 3. Aamjiwnaang – methoprene pellets
 4. DuPont Corunna – methoprene briquettes
- * This is the final year of a 3 year treatment contract between the Conservation Authority and the County of Lambton.



SCRCA Planning Activity Summary for the month June2015 11.(i)

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
LL 2015	ADELAIDE-METCALFE	ADELAIDE	LOT 19	CON 5 SER	NAPPERTON DRIVE
SEV B01/2015	BROOKE-ALVINSTON	BROOKE	LOT 15	CON 9	OLD WLANUT ROAD
FI 2015	BROOKE-ALVINSTON	BROOKE	LOT 10	CON 8	LITTLE IRELAND ROAD
ZBA	CHATHAM-KENT	CHATHAM	LOT 2	CON 9	COUNTRYVIEW LINE
EA 10 2015	CHATHAM-KENT	CHATHAM	LOT A	CON 2 GORE	
ZBA 2015	DAWN-EUPHEMIA	EUPHEMIA	LOT 34	CON 10	AUGHRIM LINE
FI 2015	DAWN-EUPHEMIA	EUPHEMIA	LOT 16	CON 1	LAMBTON LINE
FI 2015	ENNISKILLEN	ENNISKILLEN	LOT 29	CON 12	LASALLE LINE
FI 2015	LAMBTON SHORES	BOSANQUET	LOT 64	CON WEST OF	WOOD DRIVE
LL 2015	MIDDLESEX CENTRE	LOBO	LOT 14	CON 7	IVAN DRIVE
ZBA 2015	MIDDLESEX CENTRE	LONDON	LOT 26	CON 11	ILDERTON ROAD
FI 2014	PLYMPTON-WYOMING	PLYMPTON	LOT 1	CON 1	BLUEPOINT DRIVE
OPA 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 1	CON 1	LAKESHORE ROAD
FI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 7	CON FRONT	DANA STREET
FI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 14	CON FRONT	HYSLOP LINE
VAR A07/2015	PLYMPTON-WYOMING	PLYMPTON	LOT 15	CON FRONT	OLD MILL ROAD
LL 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 39	CON FRONT	BLUEPOINT DRIVE
VAR A 05/2015		PLYMPTON-WYOMING		PLYMPTON	LOT 40 CON FRONT
LAMBTON LANE					
VAR A6/2015	PLYMPTON-WYOMING	PLYMPTON	LOT 48	CON FRONT	MACK AVENUE
FI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 50	CON FRONT	FORSYTH TRAIL
OPA 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 50	CON FRONT	LAKESHORE ROAD
FI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 20	CON 8	EGREMONT ROAD
SEV B13/2015	SARNIA	SARNIA	LOT 10	CON 3	CHRUCHILL LINE
VAR A32/2015	SARNIA	SARNIA	LOT 9	CON 7	TELFER ROAD
FI 2015	SARNIA	SARNIA	LOT 13	CON 7	BLACKWELL SIDEROAD
VAR A33/15	SARNIA	SARNIA	LOT 7	CON 8	MICHIGAN LINE
SEV B9/2015	SARNIA	SARNIA	LOT 59	CON 9	BRUCE STREET
LL 2015	ST. CLAIR	MOORE	LOT 58	CON FRONT	TOM STREET
FI 2015	ST. CLAIR	MOORE	LOT 52	CON FRONT	ST. CLAIR PARKWAY
OP/ZBA 2015	ST. CLAIR	MOORE	LOT 14	CON 4	COURTRIGHT LINE
FI 2015	ST. CLAIR	SOMBRA	LOT 29	CON 5	KENT LINE
LL 2015	STRATHROY-CARADOC	ADELAIDE	LOT 22	CON 2 SER	WRIGHT STREET
LL 2015	STRATHROY-CARADOC	CARADOC	LOT 14	CON 10	LOTHIAN AVENUE
LL 2015	STRATHROY-CARADOC	CARADOC	LOT 5	CON 3	FALCONBRIDGE DRIVE
LL 2015	STRATHROY-CARADOC	CARADOC	LOT 12	CON 10	LOTHIAN AVENUE
EA-09-2015	WARWICK	WARWICK	LOT 10	CON 1 NER	
EA 05 2015	WARWICK	WARWICK	LOT 2	CON 6 NER	HICKORY CREEK LINE

SCRCA Planning Activity Summary for the month

File Ref. Municipality Geographic Twp Lot Concession Street July 2015

ZBA 05/2015	ADELAIDE-METCALFE	ADELAIDE	LOT 18	CON 5 SER	NAPPERTON DRIVE
ZBA 03/2015	ADELAIDE-METCALFE	METCALFE	LOT 6	CON 6	KERWOOD ROAD
LL 2015	ADELAIDE-METCALFE	METCALFE	LOT 20	CON 1	MELBOURNE ROAD
GI 2015	ADELAIDE-METCALFE	ADELAIDE	LOT 19	CON 5 SER	PIKE ROAD
SEV B04/2014	ADELAIDE-METCALFE	ADELAIDE	LOT 18	CON 5 SER	NAPPERTON DRIVE
FI 2015	BROOKE-ALVINSTON	BROOKE	LOT 3	CON 13	LASALLE LINE
SEV B02/15	BROOKE-ALVINSTON	BROOKE	LOT 19	CON 14	CHURCHILL LINE
EA 12 2015	CHATHAM-KENT	DOVER	LOT 11	CON 13	
SEV B8/2015	CHATHAM-KENT	CHATHAM	LOT 10	CON 1 GORE	ARNOLD STREET
GI 2015	CHATHAM-KENT	CHATHAM	LOT 12	CON 2 GORE	
VAR A18/15	CHATHAM-KENT	CHATHAM	LOT A	CON 3 GORE	BISHOP ROAD
LL 2015	CHATHAM-KENT	CAMDEN	LOT 4	CON 4 GORE	CAMDEN STREET
FI 2015	DAWN-EUPHEMIA	DAWN	LOT 34	CON 2	DAWN VALLEY ROAD
LL 2015	DAWN-EUPHEMIA	DAWN	LOT 28	CON 8	OIL HERITAGE ROAD
LL 2015	DAWN-EUPHEMIA	DAWN	LOT 27	CON 4	MARTHAVILLE ROAD
LL 2015	DAWN-EUPHEMIA	DAWN	LOT 27	CON 12	HALE SCHOOL ROAD
FI 2015	DAWN-EUPHEMIA	DAWN	LOT 26	CON 12	BENTPATH LINE
SEV B05/15	DAWN-EUPHEMIA	EUPHEMIA	LOT 25	CON 3	SHETLAND ROAD
FI 2014	DAWN-EUPHEMIA	DAWN	LOT 24	CON 8	OIL HERITAGE LINE
LL 2015	DAWN-EUPHEMIA	DAWN	LOT 23	CON 10	HUFFS CORNERS ROAD
FI 2015	DAWN-EUPHEMIA	DAWN	LOT 22	CON 5	MARTHAVILLE ROAD
LL 2015	DAWN-EUPHEMIA	DAWN	LOT 20	CON 10	LANGBANK ROAD
LL 2015	DAWN-EUPHEMIA	DAWN	LOT 21	CON 10	HUFFS CORNERS ROAD
LL 2015	DAWN-EUPHEMIA	DAWN	LOT 21	CON 12	LANGBANK ROAD
LL 2015	DAWN-EUPHEMIA	DAWN	LOT 18	CON 9	PANTRY SCHOOL ROAD
LL 2015	DAWN-EUPHEMIA	DAWN	LOT 26	CON 12	BENTPATH LINE
FI 2015	ENNISKILLEN	ENNISKILLEN	LOT 29	CON 9	ROKEBY LINE
EA 11 2015	ENNISKILLEN	ENNISKILLEN	LOT 28	CON 14	
FI 2015	MIDDLESEX CENTRE	LOBO	LOT 9	CON 9	ILDERTON ROAD
LL 2015	MIDDLESEX CENTRE	LOBO	LOT 15	CON 8	IVAN DRIVE
FI 2015	PETROLIA	ENNISKILLEN	LOT 14	CON 11	NORTH RIDGE PLACE
FI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 4	CON FRONT	DOUGLAS STREET
FI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 11	CON 9	EGREMONT ROAD
FI 2015	PLYMPTON-WYOMING	PLYMPTON	LOT 18	CON FRONT	QUEEN STREET

File Reference Codes:

CZ - Comprehensive Zoning	SEV - Severances	GI - General Inquiry	FI - Regulations Inquiry
ZBA - Minor Zoning Bylaws and Amendments	VAR - Variances	LL - Legal Inquiries/Letters	NM - Nutrient Management
OP (A)-Official Plan (Amendments)	EA/PLEA-Environmental Assessments	SP-Site Plan	PTTW- Permit to Take Water
TC-Tree Cutting	SUB-Subdivision	DAR-Development Assessment Review	SPA-Site Plan Approval

External/Internal Meetings

June

- June 3-5 – Conservation Authority Collaborative and Information Sessions for GIS/IT – CD, AS, LA
- June 4 – 497 Courtright Line OMB St Clair Twp mtg with W. Pol, planner for appellants; prelim info – PH, DC, SH
- June 8 – Ontario Nature Biodiversity Offsetting Law and Policy Workshop – SH
- June 9 – Wallaceburg & Area Water Supply Review Municipal Class EA Public Information Centre 3, Wallaceburg – DS, GS

June 10 – Dawn Compressor Station, Union Gas, permitting meeting – DC, SH
June 11 – Sarnia Bay Harbour Front Municipal Class EA site visit – DC, SH
June 12 – 1745 Melwood Dr, Adelaide-Metcalf; 24745 Amiens Rd, Strathroy-Caradoc – landowner visits – SH
June 17 – Petrolia Line Reconstruction – Town of Petrolia – DC, BM, GS
June 17-19 – Great Lakes – St. Lawrence Cities Initiative Annual General Meeting, Sarnia – DS, RB, JV, GS, BM
June 18 – conference call Pete Zuzek, Baird coastal Engineers re: access 1070 Bruce St Sarnia - PH
June 23 – City of Sarnia Planning Focus Grp – PH
June 24 – Regulations Committee Meeting – DC, BM, GS, MD, PH, SH
June 25 – SCRCA Bus Tour – PH, SH
June 30 – Sarnia Committee of Adjustment re 1070 Bruce St - PH

July

July 6 – Western Ontario Conservation Authority GIS Meeting @ GRCA – CD, AS, LA
July 8 – 497 Courtright Line site visit, wetland id, photos and GPS – PH, DC, SH, MD, KS
July 10 – 1745 Melwood Dr, Adelaide-Metcalf – site visit, GPS building envelope
July 14 – Conservation Ontario/Ducks Unlimited joint meeting at BCPV re prov wetland policy – PH and EC
July 14 – Binational Public Advisory Council (BPAC) Meeting, Sarnia – DS, GS
July 15 – ABCA Shoreline Management Plan steering committee mtg – PH
July 21 – MNR MMAH SCRCA @ SCRCA re: Species at Risk, other natural heritage planning issues – PH and SH
July 22 – Canadian Remedial Action Plan Implementation Committee Meeting, Mitchell's Bay – DS, BM
July 22 – conference call Michael Connell solicitor for St Clair Twp re 497 Courtright Line OMB – PH
July 23 – conference call D Baker solicitor for applicant St Clair Twp re 497 Courtright Line OMB – PH
July 24 – Dawn Compressor Station permit meeting – DC, SH
July 27 – mtg Robert Gray, solicitor for appellants re 497 Courtright Line OMB – PH. Receipt of summons as witness for appellants.
July 27 – Sarnia Bay Harbour Front Municipal Class EA permit meeting – DC, SH

Drainage Act and Conservation Authorities Act Protocol (DART)
(A protocol for municipalities and CAs in drain maintenance and repair)
Completed Files

Municipal drain June – August 14, 2015 activity report associated with the provincially approved guidance “*Drainage Act and Conservation Authorities Act Protocol (DART)*” approved by the Board April 18, 2013.*

<i>SCRCA DART Files</i>			2015 June		
<i>FHR #</i>	<i>Municipality</i>	<i>Geographic Township</i>	<i>Drain Name</i>	<i>Project Description</i>	<i>SCRs Issued</i>
2558	Adelaide-Metcalf	Adelaide	Rapley Drain ext.	Bottom cleanout, brushing bank slope, brushing top of bank	3
2544	Dawn-Euphemia	Dawn	Poland Drain	Bottom cleanout, brushing bank slope	2
2546	Dawn-Euphemia	Dawn	McGeachie Drain	Bottom cleanout, brushing bank slope	2
2547	Dawn-Euphemia	Dawn	Armstrong Drain	Bottom cleanout, brushing bank slope	2
2548	Dawn-Euphemia	Dawn	McGuire Drain	Culvert replacement	1
2549	Dawn-Euphemia	Dawn	Reid Drain	Culvert replacement	1
2552	Dawn-Euphemia	Dawn	12 th Concession Drain	Culvert replacement	1
2540	Dawn-Euphemia	Dawn	Roberts Drain	Bottom cleanout, brushing bank slope	2
2542	Dawn-Euphemia	Dawn	McLellan Drain #2	Bottom cleanout, brushing bank slope	2

2543	Dawn- Euphemia	Dawn	Bannister Drain	Bottom cleanout, brushing bank slope, junction box and catchbasin repair	3
2545	Dawn- Euphemia	Dawn and Euphemia	Evans Drain	Bottom cleanout, brushing bank slope	2
2550	Dawn- Euphemia	Euphemia	Baynton Drain	Culvert replacement	1
2551	Dawn- Euphemia	Euphemia	Smoke Drain	Culvert replacement	1
2553	Dawn- Euphemia	Euphemia	Martin Creek Drain	Culvert replacement	1
2539	Dawn- Euphemia	Euphemia	South Sheppard Drain	Bottom cleanout, brushing bank slope	2
2541	Dawn- Euphemia	Euphemia	Thos Stocking Drain	Bottom cleanout, brushing bank slope	2
2557	Sarnia	Sarnia	Bird Drain	Culvert replacement	1
SCRCA DART Files				2015 July	
FHR #	Municipality	Geographic Township	Drain Name	Project Description	SCRs Issued
2559	Strathroy- Caradoc	Caradoc	Cobban Drain and branch	Bottom cleanout plus one bank slope	1

*Note

The SCRs and the above report are prepared by Biology Section staff with ratification by Planning and Regulations Section/ Regulations Officer. Ontario Regulation 171/06 "Development, Interference with Wetlands & Alterations to Shorelines & Watercourses" applies, however the DART protocol is followed for streamlining purposes.

To: Board of Directors
Date: August 26, 2015
From: Donna Strang, Remedial Action Plan (RAP) Coordinator
Subject: St. Clair River Area of Concern (AOC)

Outreach and Education Update:

Canadian RAP Implementation Committee -

The Outreach and Education subcommittee of the CRIC has met numerous times since the beginning of the year to plan and move forward with a number of different outreach initiatives. The subcommittee is focussing on events and activities that will reach more general audiences that have limited knowledge on the St. Clair River AOC particularly as the River approaches delisting.

Some potential activities being organized for 2015 and 2016 include:

- production of a St. Clair River AOC video and 30 second Public Service Announcement
- local shoreline clean-up associated with the Great Canadian Shoreline Clean-up program (Location – To Be Determined)
- participation at the Bluewater Anglers Kids Training Day and published article/advertisement in Bluewater Anglers Salmon Derby "Tabloid" that sees 4000 copies circulated in the local community.
- participation and support at the 2016 St. Clair River Run
- participation at 2016 Canada Day events (e.g., Wallaceburg)

Great Lakes – St. Lawrence Cities Initiative Annual General Meeting, Sarnia, Ontario –

The Great Lakes – St. Lawrence Cities Initiative Annual General Meeting was held in Sarnia, Ontario on June 17, 18 and 19. The conference brings together mayors from both Canadian and American Great Lakes cities to discuss environmental issues related to the protection and restoration of the Lakes, St. Lawrence River and connecting channels.

The SCRCA sponsored a booth that highlighted the St. Clair River AOC along with the Healthy Lake Huron program and shoreline softening. A number of delegates visited the booth to inquire about the status of the St. Clair River, current projects and significant achievements.



Delegates and SCRCA staff at the Great Lakes – St. Lawrence Cities Initiative Annual General Meeting discuss SCRCA programs including the St. Clair River AOC.

Aamjiwnaang First Nation Enviro-Fest – July 15, 2015

On July 15, 2015, SCRCA staff attended the Enviro-Fest event at Aamjiwnaang First Nation. The St. Clair River AOC was highlighted along with shoreline softening information as the community is interested in implementing a shoreline project along a stretch of the St. Clair River shoreline. In addition, posters were designed providing a high-level overview of the St. Clair River AOC and provided to Aamjiwnaang First Nation Environment Department staff for use at future community workshops, etc.

Status of Beneficial Use Impairments (BUIs):

Draft documents have been prepared for three BUIs in the St. Clair River AOC including the "Restrictions on Dredging Activities", "Beach Closings" and "Restrictions on Drinking Water Consumption or Taste and Odour Problems". All three are currently at different stages of review.

Staff Report

11. (iv)



To: Board of Directors
Date: August 27, 2015
From: Patty Hayman, Director of Planning
Subject: 2016 Housekeeping Lake Huron Shoreline Management Plan

Background

CA's were delegated the responsibility for Great Lakes shorelines and connecting channels in 1988. This was a delegated approval from the Minister of Natural Resources.

Similar to municipal updates of local Official Plans, the SCRCA's 2010 Lake Huron Shoreline Management Plan (SMP) needs housekeeping changes. In 2010 Baird Coastal Engineers were retained to undertake the Plan which required a detailed analysis of new jurisdiction Lambton Shores shoreline (geographic former Bosanquet Twp). SMP updates and revisions required are summarized below:

Housekeeping changes

- change verbage to be consistent to 2014 Provincial Policy Statement
- improved 3D technology has permitted the use of 1931 air photos versus 1935 land surveys. Demos and peer reviews indicate greater accuracy with 1931 photo and has resulted in reduction in average annual recession rates. This means shoreline setbacks and CA regulated areas are reduced.
- professional planning input to development policy
- consultation on housekeeping changes
- in 2017, Baird Consulting will peer review the document for an estimated cost of \$10,000.00 – 15,000.00 (Cost to be borne from reserves)

2016 Budget

Item	Cost	Comment
Planner	55,000.00	
GIS	3,000.00	
1931 photo purchase	2,000.00	
Inkind (IT, Vehicle, Communication)	(5,000.00)	No charge
Total	60,000.00	

Cost Recovery

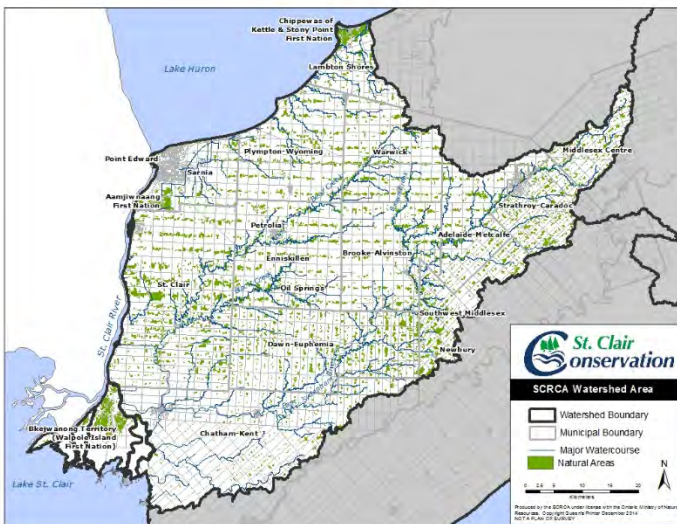
Benefitting municipalities (based on L. Huron shoreline length; does not include First Nation lands)

Municipality	Special levy	Planning Reserves	Total
Sarnia (33%)	10,000.00		
Plympton-Wyoming (33%)	10,000.00		
Lambton Shores (33%)	10,000.00	30,000.00	60,000.00
Total	30,000.00	30,000.00	60,000.00

Recommendation

The SCRCA Lake Huron shoreline is an identified urban growth area as noted in Official Plans. SCRCA planning and regulation activity along the shoreline continues to be high as several municipalities direct development to the shoreline area. In addition, public demand for waterfront land continues. The continued need for a relevant and accurate SMP is required as this document is utilized by the development community on a continuous basis in assessing development proposals (i.e. tear down/rebuild, severances, etc.).

As lake levels have risen, reference to the erosion protection section of the SMP will also increase. This is important information for landowners as they contemplate the effectiveness of various types of protection. Recognizing the importance of this document and the policies, the SCRCA will be contributing \$5,000.00 in kind and total \$30,000.00 in reserves (2016/17).



July 31, 2015

TO: SCRCA Chair and Board of Directors

SUBJECT: Administration – Section 28 Status Report – Development, Interference of Wetlands and Alteration to Shorelines Watercourses Regulation

FROM: Dallas Cundick, Environmental Planner / Regulations Officer

A summary of staff activity related to the Conservation Authority’s *Development, Interference of Wetlands and Alterations to Shorelines and Watercourses Regulation* (Ontario Regulation 171/06 under Ontario Regulation 97/04) is presented below. This report covers the period from June 1, 2015 to July 31, 2015.

June 1, 2015 to June 30, 2015

FA #	Applicant and Subject Property	Permit Required to:	Section 28 of the Conservation Authority’s Act “Development, Interference with Wetlands and Alterations to Shorelines & Watercourses” Regulation Permissions may be granted where in the opinion of the CA, the control of Flooding, Erosion, Dynamic Beach, Pollution, or the Conservation of Land will not be affected by the development.	Date Permit Issued
11015	<p>Middlesex County Bridge Replacement over Sydenham River on Albert Street Lot 21, Concession 4 SER Geographic Township of Adelaide Municipality of Strathroy-Caradoc County of Middlesex</p>	<p>Complete Bridge Replacement over Sydenham River on Albert Street</p>	<ul style="list-style-type: none"> • The rehabilitated bridge is to have the same flow dimension as the existing structure and will not impact flood elevations or flow upstream or downstream of the structure; • Appropriate sediment and erosion methods are to be installed prior to the commencement of construction and be maintained throughout the works; • Construction area will be restored to original condition and all debris will be removed off site; • Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; • Works to be completed during low water level conditions; 	<p>June 25</p>

11016	<p>Travis Bouma 782 Tudor Close West Lot 61, Concession 9 Geographic Township of Sarnia County of Lambton</p>	Construct a New Detached Garage	<ul style="list-style-type: none"> • Does not create greater risk to hazard/or precedent on street/reach of shoreline; • Garage is located 62 m from SSA and 32 m from erosion allowance and 56 m from flood hazard; • Proposed works will not aggravate erosion; • Works do not increase the risk to life and property; • Maintenance access is maintained; 	June 8
11017	<p>Travis Bouma 1940 Lakeshore Road Lot 33, Concession 9 Geographic Township of Sarnia County of Lambton</p>	Construct a Major Addition	<ul style="list-style-type: none"> • Proposed works meet SCRCA Shoreline Policy ; • Does not create greater risk to hazard/or precedent on street/reach of shoreline; • Proposed addition is located 30 m from toe of slope (SSA is 15 m, 100 yr. RR is 11 m); • Proposed works will not aggravate erosion; • Works do not increase the risk to life and property; 	June 8
11018	<p>Ron & JoAnn Highfield 4332 St. Clair Parkway Lot F, Concession 7 Geographic Township of Sombra St. Clair Township County of Lambton</p>	Tear Down and Rebuild New Single Family Dwelling	<ul style="list-style-type: none"> • Minimum required flood elevations are a condition of the permit; • Proposed works will not alter flow velocities or elevations; • Proposed works will not increase erosion hazard; • Proposed works maintain a suitable setback from the watercourse; • Lowest opening elevation will be a minimum of 177.3 metres; • Nisbet, Robertson certification that floodproofing elevations are met is required upon completion; • Floodproofing completed by Qualified Professional Engineer; 	June 19
11020	<p>Herb & Brenda de Jong Nelson Street, Part One, 24R-2504 Lot 11, Concession 3 GORE Geographic Township of Chatham Municipality of Chatham-Kent</p>	Construction of a Single Family Dwelling with Attached Garage	<ul style="list-style-type: none"> • Minimum required flood proofing elevations are a condition of the permit; • Proposed works will not alter flow velocities or elevations; • Proposed works will not increase erosion hazard; • Proposed works maintain a suitable setback from the watercourse; • The finished grade around the foundation will be at a minimum elevation of 176.98 m C.G.D. for a minimum horizontal distance of 2 metres from the external walls of the structure; 	June 23

			<ul style="list-style-type: none"> • The lowest foundation opening be at an elevation higher than 177.24 m C.G.D.; • Disturbed areas will be stabilized and vegetated; 	
11021	<p>Shawn Ruzik Nelson Street, Part One, 24R-2504 Lot 11, Concession 3 GORE Geographic Township of Chatham Municipality of Chatham- Kent</p>	Tear Down and Rebuild New Single Family Dwelling	<ul style="list-style-type: none"> • Proposed works meet SCRCA Shoreline Policy; • Does not create greater risk to hazard/or precedent on street/reach of shoreline; • Proposed dwelling is outside the stable slope allowance 3:1 (run:rise) + 100yr RR; • No alterations to slope are required, Proposed works will not aggravate erosion; • Drainage will be directed away from the top of bank of the shoreline bluff; • Excess fill will be removed from the regulated area; • Disturbed areas will be reseeded upon completion of the works; • Works do not increase the risk to life and property; 	June 19
11022	<p>Jason Grogan Nelson Street, Part One, 24R-2504 Lot 11, Concession 3 GORE Geographic Township of Chatham Municipality of Chatham- Kent</p>	Construction of a New Single Family Dwelling	<ul style="list-style-type: none"> • Proposed location is outside of the 30 m setback from the wetland boundary; • Proposed works do not adversely impact the hydrologic function of the wetland; • Excess fill will be removed from the regulated area; • Disturbed areas will be reseeded upon completion of the works; • Proposed works will not aggravate erosion; • Works do not increase the risk to life and property; 	June 18
11023	<p>Travis Bouma Lot 15, 3859 Ferne Avenue Lot 23, Concession Front Geographic Township of Plympton County of Lambton</p>	Construction of a Single Family Dwelling	<ul style="list-style-type: none"> • Does not create greater risk to hazard/or precedent on street/reach of shoreline; • Proposed dwelling is located at minimum 8 m from watercourse at its closest location; • Development is located outside of the 2.5:1 stable slope allowance plus 3 m long term stability and erosion setback (as per geotech) all works outside SCRCA Development Constraint; • Proposed works will not aggravate erosion; • Works do not increase the risk to life and property; 	June 22

11024	Frank & Akke Vahl 5591 Bluewater Line Lot 4, Concession 1 GORE Geographic Township of Chatham Municipality of Chatham-Kent	Construction of a New Single Family Dwelling	<ul style="list-style-type: none"> • Minimum required flood elevations are a condition of the permit; • Proposed works will not alter flow velocities or elevations; • Proposed works will not increase erosion hazard; • Proposed works maintain a suitable setback from the watercourse; • The finished grade around the foundation will be at a minimum elevation of 177.0 GSC for a minimum horizontal distance of 2 metres from the external walls of the structure; • The lowest foundation opening will be at an elevation higher than 177.0m C.G.D; • Disturbed areas will be stabilized and vegetated; 	June 29
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July 1, 2015 to July 31, 2015

FA #	Applicant and Subject Property	Permit Required to:	Section 28 of the Conservation Authority`s Act “Development, Interference with Wetlands and Alterations to Shorelines & Watercourses” Regulation Permissions may be granted where in the opinion of the CA, the control of Flooding, Erosion, Dynamic Beach, Pollution, or the Conservation of Land will not be affected by the development.	Date Permit Issued
10715 EXT	Greenfield South Power Corporation Oil Springs Line Part Lot 26, Concession 2 Geographic Township of Moore And Part of Road Allowance between Concession 1 and 2, rec'd Plan NO. 24, Parts 1-10, Township of St. Clair County of Lambton	Construct a Nom. 300 MW Power Plant (Green Electron Power Project)	<ul style="list-style-type: none"> • Proposed works have not changed, but needed permit extension; • Proposed buildings/structures are dry passive floodproofed to an elevation of 188.0 m; • Area around the development is filled to a minimum elevation of 188.0 m G.S.C. for a horizontal distance of 1.6 meters; • Access road/laneway is elevated to 187.7 m along its entire length; • Final as built grading plan immediately upon completion of the approved works prepared by a professional engineer licensed to practice in Ontario indicating that grades achieved on the site conform to those indicated on the approved plan to confirm; • Balanced cut and fill achieved; • Floodproofing requirements achieved; • Ingress/Egress concerns addressed; 	July 27

11019	Municipality of Southwest Middlesex Replacement of Existing Road Culvert on Waterworks Road Lot 34, Concession 11 Geographic Township of Euphemia County of Lambton	Replacement of Existing Road Culvert on Waterworks Road	<ul style="list-style-type: none"> • The new culvert will not significantly impact flood elevations or flow upstream or downstream of the structure. • Appropriate sediment and erosion control methods are to be installed prior to the commencement of construction and be maintained throughout the works; • Construction area will be restored to original condition and all debris will be removed off site; • Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works. 	July 3
11025	Town of Petrolia Lot 13, Concession 10 Geographic Township of Enniskillen Town of Petrolia Lambton County	Reconstruction of Petrolia Line and Storm Drainage Outlet	<ul style="list-style-type: none"> • Proposed works are an upgrade to existing storm sewer; • The proposed works will not increase the risk to life and/or property; • The proposed works will not impact erosion or aggravate existing; • Appropriate sediment and erosion control measures will be implemented prior to initiation of construction, and maintained until works are complete. • Hydrology should not be negatively impacted by the proposed works; • Proposed works should not negatively impact flood flow velocities or elevations; • Proposed works should not have a hydrological impact to the wetlands. 	July 3
11026	David & Sandra Gibbons 3243 Rokeby Line Lot 3, Concession 8 Geographic Township of Enniskillen County of Lambton	Replacement of Existing Access Culvert	<ul style="list-style-type: none"> • The new culvert will not significantly impact flood elevations or flow upstream or downstream of the structure; • Appropriate sediment and erosion control methods are to be installed prior to the commencement of construction and maintained throughout the works; • Construction area will be restored to original condition and all debris will be removed off site; • Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; • Like-for-Like Replacement; • Works to be completed during low water level conditions; 	July 10
11027	Joe & Jessica Riedl 1812 Charlemont Drive Lot 19, Concession 6	Construction of Additions to	<ul style="list-style-type: none"> • Addition will match existing grades and elevations of existing dwelling; • Proposed works will not alter flow velocities or elevations; 	July 10

	Geographic Township of Sombra County of Lambton	Existing Single Family Dwelling	<ul style="list-style-type: none"> Proposed works maintain a suitable setback from the watercourse; Excess fill will be removed offsite; There will be no alterations to minimum lowest openings; 	
11028	Sun Canadian Pipeline Lot 24, 25087 Melbourne Road Lot 2, Concession 10 Geographic Township of Caradoc Township of Strathroy-Caradoc County of Middlesex	Integrity Dig	<ul style="list-style-type: none"> Verifying and repairing an existing pipeline is considered minor works; Works will be located greater than 230m from the watercourse; Appropriate mitigation measures have been developed and will be employed to control sediment and erosion; Work to be completed within 5 weeks; Works will be completed during low water conditions; The proposed works will have no impact on flood flows or elevations; No alterations to the slope or grade are required; The site will be restored to its original, or better, condition upon completion of works; No in-water works are proposed; 	July 10
11029	Tom Hennessey 939 St. Clair Parkway Lot 44, Concession Front Geographic Township of Moore St. Clair Township County of Lambton	Construct a New Single Family Dwelling	<ul style="list-style-type: none"> Proposal will not aggravate erosion processes; Proposal will not be impacted by the erosion hazard; Excess fill will be removed from the property; Proposed works to not increase risk to life and property; Geotechnical Slope Stability Review completed by Terraprobe Inc.; Structural Engineering Drawings completed by Robert E. Dale; Works located outside the Regulatory Floodplain no adverse effect to flooding; Dwelling dry passive floodproofed; 	July 22
11030	Greg Appeldoorn 2001 Blackwell Road Lot 30, Concession 9 Geographic Township of Sarnia County of Lambton	Construct a New Accessory Structure (Garage)	<ul style="list-style-type: none"> Proposed location maintains a setback greater than 11.5 m from the edge of the start of the watercourse; No alterations to the slope are required; Grading and drainage will remain unchanged from existing; Excess fill to be removed from the regulated area; Disturbed areas will be reseeded upon completion of the works; 	July 14

			<ul style="list-style-type: none"> • Garage is located outside of the estimated engineered floodplain; • The proposed works will have no adverse impact on the control of erosion; 	
11031	<p>John & Laurie Hamill 2998 Lakeview Trail Lot 1, Concession 9 Geographic Township of Sarnia County of Lambton</p>	<p>Construction of: Deck Replacement, Gable Roof over Deck, Privacy Screen Fencing</p>	<ul style="list-style-type: none"> • No alterations/modifications to existing dwelling; • No increase risk to life and property; • The proposal will not negatively affect erosion/dynamic beach processes; • Proposed works will not be negatively affected by erosion/dynamic beach processes; • The proposed works will not increase the risk to life and property; • Proposed works maintain a suitable setback from the ravine and Lake Huron watercourses; • Excess fill will be removed from the property; • No alteration to the slopes are proposed; • Repair/replacement of existing deck; • Proposed works is considered minor; • Works do not encroach closer than existing deck; • Works are located outside the defined portions of dynamic beach hazard; • Does not create a greater risk to hazard and/or precedent on street/reach of shoreline; 	July 14
11032	<p>Ronald Perkins 6150 Jane Street Ipperwash, Concession Front Geographic Township of Bosanquet Municipality of Lambton Shores County of Lambton</p>	<p>Construct a Sunroom Addition</p>	<ul style="list-style-type: none"> • Proposed addition is outside of the flood hazard • Proposed addition will not impact Dynamic Beach Hazard as per Coastal Engineer Report; • Excess fill will be removed from the regulated area; • Disturbed areas will be reseeded upon completion of the works; • No changes proposed to existing dwelling foundation or roofline; • Proposed works meet SCRCA Shoreline Policy; • Proposed works do not increase risk to life and property. 	July 23
11033	<p>Canadian Wildlife Services Con 16 Pt Lot 19 Pt Lot 20 Con 16 Pt Lot 18 Pt Lot 19</p>	<p>Replacement of Control Structures and</p>	<ul style="list-style-type: none"> • The proposed works will have no impact on flood flows or elevations; • Works will not aggravate erosion; 	July 23

	Lot 18, 19, 20, Concession 16 Geographic Township of Dover Municipality of Chatham Kent	New Concrete Box Control	<ul style="list-style-type: none"> • Proper sediment and erosion control measures, including best management practices will be utilized; • That all work will be conducted in the dry and will not be conducted when flows are present due to local rain events, storms or seasonal flooding; • That all disturbed areas of the work site will be stabilized immediately and re-vegetated as soon as possible; 	
11035	Ron and Lisann Cornelis 4921 Edith Lane Lot 50/51, Concession Front Geographic Township of Plympton County of Lambton	Construct a New Single Family Dwelling	<ul style="list-style-type: none"> • Proposal will not aggravate erosion processes; • Proposal will not be impacted by the erosion hazard; • Excess fill will be removed from the property; • Proposed works to not increase risk to life and property; • Geotechnical Slope Stability Review completed by Terraprobe Inc.; • Structural Engineering Drawings completed by Santarelli Engineering Services; • Works located outside the Regulatory Floodplain no adverse effect to flooding; 	July 27
11036	Dave MacDonald 6845 Old Mill Road Lot 15, Concession Front Geographic Township of Plympton County of Lambton	Construct a New Addition with Crawl Space	<ul style="list-style-type: none"> • Proposed location is outside of the 3:1 (run:rise) stable slope gradient for the slope; • Proposed location maintains a setback greater than 9.9 metres from the top of the slope for future maintain access purposes; • No alterations to the slope are required; • Disturbed areas will be reseeded upon completion of the works • Drainage will be directed away from the top of bank of the slope; • Excess fill will be removed from the regulated area; 	July 29
11037	Sean Bell 1772 Lakeshore Road Lot 38, Concession 9 Geographic Township of Sarnia County of Lambton	Tear Down and Rebuild New Single Family Dwelling	<ul style="list-style-type: none"> • Proposed works meet SCRCA Shoreline Policy; • Does not create greater risk to hazard/or precedent on street/reach of shoreline; • Proposed dwelling is outside the stable slope allowance 3:1 (run:rise) + 100yr RR; • No alterations to slope are required, Proposed works will not aggravate erosion; • Drainage will be directed away from the top of bank of the shoreline bluff; 	July 30

			<ul style="list-style-type: none"> • Excess fill will be removed from the regulated area; • Disturbed areas will be reseeded upon completion of the works; • Shoreline Access for Maintenance is maintained; 	
11038	<p>Enbridge Pipelines Inc. Lot 24, Concession 2 N.E.R. Geographic Township of Warwick County of Lambton</p>	<p>Integrity Dig – Pipeline 95, MP1770.7257</p>	<ul style="list-style-type: none"> • Verifying and repairing an existing pipeline is considered minor works; • Works will be conducted greater than 25 m from the open watercourse; • Appropriate mitigation measures have been developed and will be employed to control sediment and erosion; • No in-water works or works within the bank of the watercourse are proposed; • Work to be completed within the appropriate fisheries timing window; • The proposed works will have no impact on flood flows or elevations; • No alterations to the slope or grade are required; • The site will be restored to its original, or better, condition upon completion of works. 	July 29
11039	<p>Enbridge Pipelines Inc. Lot 9, Concession 4 Geographic Township of Plympton Township of Plympton-Wyoming County of Lambton</p>	<p>Integrity Dig – Pipeline 95, MP1753.2425</p>	<ul style="list-style-type: none"> • Verifying and repairing an existing pipeline is considered minor works; • Works will be conducted greater than 4 m from the open watercourse; • Appropriate mitigation measures have been developed and will be employed to control sediment and erosion; • No in-water works or works within the bank of the watercourse are proposed; • Work to be completed within the appropriate fisheries timing window; • The proposed works will have no impact on flood flows or elevations; • No alterations to the slope or grade are required; • The site will be restored to its original, or better, condition upon completion of works. 	July 29
11040	<p>Michael Showers 2869 Old Lakeshore Road Lot 5, Concession 9</p>	<p>Construct a New Single Family Dwelling</p>	<ul style="list-style-type: none"> • Does not create greater risk to hazard/or precedent on street/reach of shoreline; • Proposed dwelling is outside the 15 m top of bank setback 	July 28

	Geographic Township of Sarnia County of Lambton		<ul style="list-style-type: none"> and maintains 3 m side lot access; No alterations to slope are required, Proposed works will not aggravate erosion; Drainage will be directed away from the top of bank of the shoreline; Excess fill will be removed from the regulated area; Disturbed areas will be reseeded upon completion of the works; Works do not increase the risk to life and property; Access for Maintenance is maintained; 	
11041	Lee & Anthony Ford-Jones 2873 Old Lakeshore Road Lot 4/5, Concession 9 Geographic Township of Sarnia County of Lambton	Cow Creek Bank Stabilization Project	<ul style="list-style-type: none"> Proposed works should not negatively impact flood flows, velocities or elevations; Hydrology and hydraulics should not be negatively impacted by the proposed works; Suitable sediment and erosion methods are to be installed prior to the commencement of construction and be maintained throughout the works; Natural Channel Design BMP's utilized; New or existing hazards will not be created and/or aggravated; No updrift/downdrift impacts result; The practise is environmentally sound; Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; 	July 29
11042	Cindy Fleming 3080 Lakeview Avenue Lot 3, Concession Front Geographic Township of Plympton Municipality of Plympton-Wyoming County of Lambton	Cottage Structural Renovation	<ul style="list-style-type: none"> Proposal will not aggravate erosion processes; Excess fill will be removed from the property; No alteration to the slopes are proposed; Proposed works to not increase risk to life and property; The dwelling (existing) is setback further than larger/newer adjacent structures/dwellings; Does not create greater risk to hazard/or precedent on street/reach of shoreline; Cottage to be relocated as far landward as feasible onto new structural engineered foundation; Proposed additional works (outside new foundation) are maintenance/repairs to the existing structure; Proposed works will not aggravate erosion; 	July 29

11043	Horst Richter 3121 Wanstead Road Lot 24, Concession 5 Geographic Township of Enniskillen County of Lambton	Construct a New Foundation and Relocate a Single Family Dwelling	<ul style="list-style-type: none"> • Minimum required flood elevations are a condition of the permit; • Proposed works will not alter flow velocities or elevations; • Proposed works will not increase erosion hazard; • Proposed works maintain a suitable setback from the watercourse; • Lowest opening elevation will be a minimum of 0.5 metres above the centreline road elevation directly adjacent the subject property; • The area around the buildings will be filled to a minimum of 0.5 m higher than the centreline of the road for a horizontal distance of 2 m; • Certification that floodproofing elevations are met is required upon completion; • Disturbed areas will be stabilized and vegetated; 	July 31
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ST. CLAIR REGION CONSERVATION AUTHORITY REGULATIONS ACTIVITY REPORT- VIOLATIONS AND CORRECTIVE ACTIONS

July 31, 2015

TO: SCRCA Chair and Board of Directors

SUBJECT: Enforcement- Section 28 Status Report – Development, Interference of Wetlands and Alterations to Shorelines and Watercourses Regulation

FROM: Dallas Cundick, Environmental Planner/Regulations Officer

File	Background
FV # 201501 4664 Riverside Drive Lot E, Concession 5 Geographic Township of Sombra Township of St. Clair County of Lambton	<ul style="list-style-type: none"> • Conducted site investigation December 18, 2014; • Unauthorized seawall construction works along the St. Clair River (inland channel) on the subject property had occurred in violation of Section 28 of the <i>Conservation Authorities Act</i>, as landowner did not receive approval to carry out these works; • Authority staff met with the landowner on December 16, and 18, 2014 and outlined Authority's role in hazard land management and reasons for concerns with the seawall construction works;

<p>Notice of Violation Correspondence sent to landowner and agent via registered mail January 20, 2015, Correspondence outlined Authority Requirements to remedy the situation;</p> <p>Deadline for Action</p> <p>Statute of Limitations 2 years from date Authority made aware of violation;</p> <p>December 18, 2014 SCRCA met on-site with landowner;</p> <p>December 18, 2016 statute of limitations expires;</p>	<ul style="list-style-type: none"> January 20, 2015 SCRCA staff sent correspondence outlining the required restoration works to ensure that seawall construction works and restoration is completed to the satisfaction of the Authority; January 21, 2015 landowner contacted the Authority to confirm receipt of notice of violation; Landowner to provide written correspondence to the Authority by February 13, 2015 indicating that they will remedy the situation as outlined above, and details on how this will be completed, and the date at which they will be submitting a complete application for the works undertaken with modifications to meet SCRCA policy with proposed timeline for remediation works; <p><u>UPDATE March 31, 2015</u></p> <ul style="list-style-type: none"> Detailed response received from the landowner on February 17, 2015; Response reviewed in detail by staff of the SCRCA Regulations Committee on March 24, 2015; SCRCA staff drafting response letter outlining process and requirements going forward to remedy the situation; <p><u>UPDATE May 31, 2015</u></p> <ul style="list-style-type: none"> SCRCA staff sent response letter outlining process and requirements going forward to remedy the situation; At request of proponent SCRCA staff is scheduling a meeting with all parties to discuss and review remediation plan to the satisfaction of all parties involved; <p><u>UPDATE July 31, 2015</u></p> <ul style="list-style-type: none"> June 30, 2015, SCRCA staff met on-site with property owners and contractor to discuss remediation works; July 2, 2015, owner of 4664 Riverside Drive submitted proposal for remediation works; July 27, 2015, owner of 4668 Riverside Drive submitted comments on proposed remediation works; August 13, 2015, SCRCA staff sent outline of remediation works to both proponents that is required to ensure remediation to the satisfaction of the SCRCA; SCRCA staff is currently awaiting response and sign off from both landowners;
<p>FV # 201502</p> <p>9669 Agnes Place</p>	<ul style="list-style-type: none"> Conducted site investigation March 19, 2015;

<p>Ipperwash, Concession Front Geographic Township of Bosanquet Municipality of Lambton Shores County of Lambton</p> <p>Notice of Violation Correspondence sent to landowner via registered mail April 17, 2015;</p> <p>Deadline for Action</p> <p>Statute of Limitations 2 years from date Authority made aware of violation;</p> <p>March 19, 2015 SCRCA completed on-site visit;</p> <p>March 19, 2017 statute of limitations expires;</p>	<ul style="list-style-type: none"> • Unauthorized construction of two accessory structures along the Lake Huron Shoreline on the subject property had occurred in violation of Section 28 of the <i>Conservation Authorities Act</i>, as landowner did not receive approval to carry out these works; • Authority staff sent letter on April 17, 2015 and outlined Authority's role in hazard land management and reasons for concerns with the construction works; • May 2015 Authority contacted the landowner and confirm receipt of notice of violation; • SCRCA staff to send correspondence outlining the requirements to remedy the situation to the satisfaction of the Authority; <p><u>UPDATE July 31, 2015</u></p> <ul style="list-style-type: none"> • SCRCA is coordinating review and response with the Municipality of Lambton Shores. Municipality believes that the structures are on the Municipality's property. Municipality is to complete on-site review and get back to the SCRCA with their action plan going forward; • SCRCA will coordinate response for action going forward with Municipality;
<p>FV # 201503</p> <p>Lot 11 and 12 North Pt. Lot 10, Concession 14 Geographic Township of Bosanquet Municipality of Lambton Shores County of Lambton</p> <p>Notice of Violation Correspondence sent to landowner via registered mail May 7, 2015;</p> <p>Deadline for Action</p>	<ul style="list-style-type: none"> • Conducted site investigation April 24, 2015; • Unauthorized interference with a wetland (tree removal) on the subject property had occurred in violation of Section 28 of the <i>Conservation Authorities Act</i>, as landowner did not receive approval to carry out these works; • Authority staff met with the landowner on May 12, 2015, and outlined Authority's role in hazard land management and reasons for concerns with interference with the wetland; • May 21, 2015, landowner contacted the Authority to inquire about next steps as per timeline requirements for response by the landowner sent by SCRCA; • SCRCA staff to send correspondence outlining the requirements to remedy the situation to the satisfaction of the Authority; <p><u>Update July 31, 2015</u></p>

<p>Statute of Limitations 2 years from date Authority made aware of violation;</p> <p>April 24, 2015, SCRCA staff completed on-site investigation;</p> <p>April 24, 2017 statute of limitations expires;</p>	<ul style="list-style-type: none"> • July 28, 2015, SCRCA staff sent correspondence to landowner outlining SCRCA requirements to remedy the situation; • Required works to remedy the situation include immediate, short term, and long term, remediation measures; • SCRCA staff are awaiting response from the landowner;
<p>FV # 201504</p> <p>Lot 10 and 11, Concession 15 Geographic Township of Bosanquet Municipality of Lambton Shores County of Lambton</p> <p>Notice of Violation Correspondence sent to proponent May 7, 2015;</p> <p>Deadline for Action</p> <p>Statute of Limitations 2 years from date Authority made aware of violation;</p> <p>April 24, 2015, SCRCA staff completed on-site investigation;</p> <p>April 24, 2017 statute of limitations expires;</p>	<ul style="list-style-type: none"> • Conducted site investigation April 24, 2015; • Unauthorized interference with a wetland (tree removal) on the subject property had occurred in violation of Section 28 of the <i>Conservation Authorities Act</i>, as interference activities have been undertaken contrary to the conditions stipulated in a permit by the Authority; • Authority staff met with the proponent on-site April 24, 2015, and at the SCRCA on May 20, 2015, and outlined Authority’s role in hazard land management and reasons for concerns with interference with the wetland; • In order to complete appropriate remedial measures to ensure compliance, and restoration of the sites to original condition or better where woodlot/tree removal was completed within and adjacent to the wetland, causing interference to the wetland, the SCRCA required that a qualified professional complete review of the woodlot/tree removal works, complete an impact assessment, and recommend remedial/restoration measures; • Tuesday June 9, 2015 the SCRCA received Remediation Plan for Areas of Vegetation Removal; • SCRCA staff to review remediation plan in detail and provide response to proponent outlining the requirements to remedy the situation to the satisfaction of the Authority; <p><u>Update July 31, 2015</u></p> <ul style="list-style-type: none"> • June 22, 2015, SCRCA staff sent correspondence that the SCRCA does not have any concerns with proponent implementing the “immediate” remediation measures as outlined in the Remediation Plan while the remaining components of the plan are under review by the SCRCA; • July 6, 2015, SCRCA staff sent correspondence in regard to remediation plan outlining that the SCRCA is in agreement with the Immediate Remediation Measures Recommendations, Short-

	<p>Term Remediation Measures Recommendations, and Long-Term Remediation measures Recommendations;</p> <ul style="list-style-type: none">• SCRCA staff required that the proponent proceed with completion of the proposed remediation planting plan and monitoring plan and submit to the SCRCA for review.
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Recommended and approved by:

Dallas Cundick, Environmental Planner/Regulations Officer

Melissa Deisley, Regulations Officer

Patty Hayman, Director of Planning

Staff Report

11. (vi)



To: Board of Directors
Date: September 17, 2015
From: Patty Hayman, Director of Planning
Dallas Cundick, Environmental Planner/ Regulations Officer
Subject: Access to Private Property Policy

This policy has been drafted for approval by the Full Authority Board. The policy reflects the practice of SCRCA staff over several decades. It may be amended from time to time by the SCRCA Board.

The Ontario *Conservation Authorities Act* and the Ontario *Clean Water Act, 2006* empower conservation authority staff to enter private property for specific purposes. SCRCA staff are cognizant of, and sensitive to, privacy rights and give due regard to this right to entry. This policy defines the process that staff shall follow regarding notification of property owners and occupants.

General Intent

It is the desire of the SCRCA and its staff to work with the community in a positive and collaborative manner to protect the region's natural resources. SCRCA staff shall respect the privacy and legal rights of property owners, only accessing properties to implement specific duties in service of the Conservation Authority's programs and services.

Governing Legislation

Section 21(1)(b) of the *Conservation Authorities Act* gives SCRCA staff the right to enter property to take surveys and collect data.

Section 28(20) of the *Conservation Authorities Act* provides the right to enter private property, other than a dwelling or building, for the purpose of administering Ontario Reg. 171/06 made pursuant to Section 28(1) of the *Act*.

Section 62(1) of the *Clean Water Act, 2006* allows conservation authority staff to enter property for the purposes of an inspection related to a risk management plan.

Section 88(1) of the *Clean Water Act, 2006* allows conservation authority staff to enter property for the purpose of collecting information for the preparation of an assessment report or source protection plan and for monitoring of plan implementation.

- Conservation Authority staff also enter onto private property for other purposes at the invitation of property owners to provide technical advice (e.g., land use planning, forestry and other stewardship programs).

The above circumstances provide the “limited permission” to access private lands that is outlined in Section 4(1) of the Ontario *Trespass to Property Act*.

SCRCA staff, in coordination with municipal building and/or by-law enforcement staff, may carry out an initial investigation where the activity is clearly visible from a public road or property where access to private property is not required or permitted. Photographs and field notes of the activity taking place are taken and landowner contact is initiated. If the activity is not clearly visible from a public location, SCRCA staff will attempt to contact the landowner to arrange a site visit to discuss the matter. Subsequent to this, a determination regarding whether or not an offence has occurred is made and the appropriate action is taken. In accordance with the CA Act, a SCRCA appointed Regulation Officer may enter private property, other than a dwelling or building without consent of the owner or occupier and without a warrant under certain circumstance outlined in Section 28 (20) of the CA Act. Any initiators of unauthorized works that contravene the regulation will be requested to halt the works immediately. Authority staff will advise the offender(s) of the regulation and its purpose. There is no authority to issue a “stop work order” under the *Conservation Authorities Act*. However, if they have to make changes to the work or remedial measures, stopping the work can save the property owner money for the short and long term. Where it is found that no violation occurred, no further action is taken. Unless otherwise agreed to (without prejudice meetings), Regulation staff, will read the violators rights under the *Provincial Offences Act* prior to proceeding with the investigation in terms of communication with the violator and/or evidence gathering.

General Policy

The SCRCA policy regarding entry onto private property is as follows:

- 1) SCRCA staff shall normally attempt to contact property owners and/or occupants prior to entering their land in order to seek permission for entry. Such contact shall be made in person or via mail, e-mail or phone.
- 2) SCRCA staff shall always carry out their duties in a courteous and professional manner. They shall only enter private property for specific purposes related to conservation authority programs and services, shall not damage private property, shall leave property as it was found (e.g., by closing gates behind them if they were initially closed) and shall immediately leave the property once their work is complete. If approached by an owner or occupant in the course of their work on private property, SCRCA staff shall clearly identify themselves as employees of the SCRCA and state the reason for their presence.
- 3) SCRCA staff shall respect information and postings related to biosecurity on farms.

- 4) Upon arriving at a property SCRCA staff shall first attempt to determine if the owner or occupant is present on the property to inform the owner/occupant of SCRCA staff presence and purpose. If no one is present, staff shall conduct their business, and if there is a suitable location (e.g. a building), they shall leave a business card before departing the property.
- 5) For applications under the Ontario *Planning Act* that require a SCRCA staff inspection prior to issuance of comments to a municipality: by submitting a signed application form to a municipality or email verification via planning pre-consultation process; applicants provide their permission for staff from commenting agencies such as the SCRCA to access their property. The SCRCA will work with its member municipalities to ensure that this permission is included on their application forms. The CA may require access to property via applicable municipal planning agreements to evaluate approved mitigation or restoration plans, or after reasonable notice, to make repairs at the expense of the owner.
- 6) For applications for permits under Ontario Reg. 171/06, *Development, Interference with Wetlands and Alterations to Shorelines and Watercourses*: by submitting a signed application form, applicants provide their permission for SCRCA staff to access their property.
- 7) Staff will leave a property immediately when asked to do so by the landowner, occupant or their authorized agent even if prior approval was in place.
- 8) If conditions that may cause significant environmental damage (e.g., landslides, pollution of water, flooding) are believed to exist on the property, staff shall contact the owner or occupant, if known, and attempt to reach a solution to prevent or reduce damage. Where reasonable efforts to reach the owner or occupant have failed, SCRCA staff may enter private property for inspection purposes to assess the severity of the situation and identify measures to prevent or reduce the potential or occurring damage. If this entry is required, staff shall carry out their duties in the manner that is described by the above-listed policies.
- 9) The legislation cited in this document enables SCRCA staff to enter onto private property without permission, in some circumstances beyond those addressed in Policy No. 8. This entry would be limited to the execution of specific duties related to the Conservation Authority's programs and services. If this entry is required, staff shall carry out their duties in the manner that is described by the above-listed policies.

Training

Training regarding this policy shall be provided to SCRCA staff, upon hiring of new staff and regularly thereafter.

Contractors and Agents

Those contracted by or agents of the SCRCA shall be apprised of this policy and shall be required to abide by it while conducting work on behalf of the SCRCA.

Staff Report

11. (vii)



To: Board of Directors
Date: September 17, 2015
From: Patty Hayman, Director of Planning
Dallas Cundick, Regulations Officer
Erin Carrol, Manager of Biology
Subject: Proposed Draft Wetland Regulation policy

Background

Under Section 28 of the Conservation Authorities Act, wetlands are regulated by CA's via Ontario Regulations "Development, Interference with Wetlands & Alterations to Shorelines & Watercourse".

Pertinent legislation

(Conservation Authorities Act:

<http://www.ontario.ca/laws/statute/90c27?search=Conservation+Authorities+Act>
SCRCA's Regulation 171/06 <http://www.ontario.ca/laws/regulation/060171>)

Wetlands are important natural features on the landscape, whether permanently or seasonally wet. Wetlands moderate water flow by absorbing much of the surface water runoff from the land and slowly releasing it. This helps to reduce flooding and to sustain stream flows during dry spells. Many wetlands recharge groundwater by moving surface water into the groundwater system. Other key benefits include protecting and improving water quality, providing habitat for wildlife such as fish, birds, amphibians, and insects, and also providing recreational opportunities. The lands which surround wetlands are also important to sustaining essential hydrologic and ecological functions. We note that the function SCRCA protects via Ontario Regulation 171/06 for areas adjacent wetlands is the hydrologic function. The province recognizes this gap and is working on wetland policy at the provincial level.

The SCRCA Manager of Biology will provide a presentation which includes the presentation of 3D water wetland cycle

Facts:

- 0.9% of the SCRCA watershed in wetland cover
- Wetlands target for Southern Ontario is 10%
(As per the 2012 SCRCA Watershed Report Card)
- Environment Canada recommends that at least 10% of each major watershed and 6% of each subwatershed should be wetlands to sustain water balance and biodiversity functions (Environment Canada, 2013). Seven SCRCA watersheds have less than 0.5% wetland cover. Wetland restoration and enhancement should be strongly encouraged in all watersheds.

The SCRCA Senior Regulations Officer will present the following:

Need for Policy?

- The provincially approved “Policies and procedures for CA Plan Review and Permitting Activities” Section 7.0 Permitting states the following;

Section 7.3.1:

- CA’s are encouraged to develop written, CA Board-approved, publicly accessible, procedures and guidelines or checklists that define the components of a complete application.

Figure 1 Hierarchy of Legislation and Policies



To receive permission for development, it must be demonstrated in an application to the satisfaction of the CA that the control of flooding, erosion, pollution, dynamic beaches or the conservation of land will not be affected.

To receive permission to interfere with a watercourse or wetland, it must be demonstrated in an application to the satisfaction of the CA, that the interference on the watercourse or wetland is acceptable in terms of the natural features and hydrologic and ecological functions of the watercourse or wetland. To receive permission for development within “other areas” associated with wetlands, it must be demonstrated in an application that interference on the hydrologic functions

of the wetland is deemed acceptable by the CA. Permission from a CA may be in the form of a formal permit or a letter of permission. For either of these types of applications, submission of technical studies may be necessary. These technical studies must be carried out by a qualified professional with recognized expertise in the appropriate discipline and must be prepared using established procedures and recognized methodologies to the satisfaction of the CA. The SCRCA utilizes:

1. Conservation Ontario approved "CA guidelines to support Development Applications for Hydrogeological Assessment Submission, June 2013" for hydrological studies undertaken for wetland and adjacent lands (other areas as described under Regulation 171/06).
 2. Definitions and Interpretations (taken from CO Final Draft Guidelines to support CA Section 28 Regulations, Apr 2008)
Key definitions and interpretations for implementation of wetland protection under SCRCA Regulation 171/06 are provided in the above noted guidelines and in the Act and Regulation itself. Planning Act wetland protection policies consist of different definitions and interpretations and the lead Ministry for definition interpretations and significant wetland identification is the responsibility of Ministry of Natural Resources and Forestry.
- Policies were derived from the Act and Regulation itself and are consistent with neighbouring CA Regulation wetland policies. The draft policies were vetted internally with staff (Biologists, Planners/Regulation officers, as well as the General Manager) over a 6 month period.

Purpose of formalizing a wetland policy under the Section 28 Regulation:

- Provide transparency to applicants when proposals/violations are being reviewed/investigated in wetlands and its adjacent lands
- Consistency and clear direction in application review and enforcement
- Improve turnaround time as clear policy allows quicker staff approvals. By establishing guiding principles which pertain to wetlands as natural hazard features under the Regulation, the intent of policy is more clearly understood.

Next steps?

- the CA biologist/ecologist/ jr regulation officer team will circulate the draft policy to municipal planning and development departments for comments.
- A presentation will be offered on October 28 at SCRCA for municipal staff that are interested. To be carried out by the team with the ecologist as lead.
- Team to carry out public consultation (newsletter release, a web release/standout presence, frequently asked questions document, web survey, etc).
- Report back to Board on consultation.
- Contingent on feedback; Board approve regulation policy at the November 2015 meeting.

FINAL DRAFT SCRCA SECTION 28 WETLAND POLICY

SCRCA Policies and Procedures of Administration of Section 28 Regulations Wetland Policies

Definitions section (Source: Section 28 CA Act)

Development means:

- a) the construction, reconstruction, erection or placing of a building or structure of any kind,
- b) any change to a building or structure that would have the effect of altering the use or potential use of the building or structure, increasing the size of the building or structure or increasing the number of dwelling units in the building or structure,
- c) site grading, or
- d) the temporary or permanent placing, dumping or removal of any material, originating on the site or elsewhere.

Pollution means:

“...any deleterious physical substance or other contaminant that has the potential to be generated by development in an area to which a regulation made under clause (1) (c) applies”

Watercourse means:

“... an identifiable depression in the ground in which a flow of water regularly or continuously occurs”

Wetland means land that (Note: Must meet all 4 tests below):

- a) is seasonally or permanently covered by shallow water or has a water table close to or at its surface,
- b) directly contributes to the hydrological function of a watershed through connection with a surface watercourse,
- c) has hydric soils, the formation of which has been caused by the presence of abundant water, and
- d) has vegetation dominated by hydrophytic plants or water tolerant plants, the dominance of which has been favoured by the presence of abundant water,

but does not include periodically soaked or wet land that is used for agricultural purposes and no longer exhibits a wetland characteristic referred to in clause (c) or (d).

In addition, the *Conservation Authorities Act* and Ontario Regulation 97/04 do not define “Interference” nor was any definition found in any other planning document; hence, the **interpretation** below was developed by the Ministry of Natural Resources/ Conservation Ontario Section 28 Peer Review and Implementation Committee. Under the Regulation, “interference” only applies to projects within watercourses and wetlands.

Interference in any way is interpreted as:

“any anthropogenic act or instance which hinders, disrupts, degrades or impedes in any way the natural features or hydrologic and ecologic functions of a wetland or watercourse” (March 2008).

The common uses of words in this interpretation can be found in the Oxford Dictionary as follows:

Hinder means: to delay or impede

Disrupt means: to interrupt or disturb (an activity or process)

Degrade means: lower the character or quality of

Impede means: delay or block the progress or action of

For example, vegetation removal within a wetland boundary could be a regulation activity of “*interference in any way*” described under CAA Section 1(b) prohibiting, regulating or requiring the 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; (As per MNR/CO Section 28 Peer Review and Implementation Committee interpretation March 2008)

1.0 WETLANDS AND OTHER AREAS

1.1 St. Clair Region Conservation Authority Regulation 171/06

The SCRCA Regulation 171/06 contains the following sections dealing with wetlands.

“Development prohibited

- 2.(1) Subject to section 3, no person shall undertake development or permit another person to undertake development in or on areas within the jurisdiction of the Authority that are:
- d) wetlands or...
 - e) other areas where development could interfere with the hydrologic function of a wetland, including areas within 120 m of all provincially significant wetlands, and areas within 30 metres of all other wetlands;

“Permission to develop

- 3.(1) The Authority may grant permission for development in or on the areas described in subsection 2(1) if, in its opinion, the control of flooding, erosion, dynamic beaches, pollution or the conservation of land will not be affected by the development.”

“Alterations prohibited

5. Subject to section 6, no person shall ... change or interfere in any way with a wetland.”

“Permission to alter

- 6.(1) The Authority may grant a person permission ...to change or interfere with a wetland.
- 6.(2) The permission of the Authority shall be given in writing, with or without conditions.

1.2 Additional Definitions and Interpretations

A wetland means land that a) is seasonally or permanently covered by shallow water or has a water table close to or at its surface, b) directly contributes to the hydrological function of a watershed through connection with a surface watercourse, c) has hydric soils, the formation of which has been caused by the presence of abundant water, and d) has vegetation dominated by hydrophytic plants or water tolerant plants, the dominance of which has been favoured by the presence of abundant water, but does not include periodically soaked or wet land that is used for agricultural purposes and no longer exhibits a wetland characteristic referred to in clause c) or d).

It should be noted that the *Conservation Authorities Act* and the individual CA Regulations all use the wording “in any way” when describing change or interference with a wetland. Activities proposed within the wetland boundary that could interfere in any way with the wetland, including both those activities that meet the definition of “development” and those that do not necessarily meet the definition of “development” are regulated as described in Sections 5 and 6 of the Regulation. An example of an activities that does not strictly meet the definition of “development” and could represent interference is vegetation removal.

There are a variety of sources for identifying wetlands. Many wetlands have been identified through the provincial wetland evaluation program. Conservation Authorities may also identify wetlands as part of other watershed programs such as environmentally significant area and ecological land classification (ELC) mapping. Soils mapping (i.e. OMAFRA) may also be useful in identifying organic soils which would indicate the potential of wetlands.

The province uses the Ontario Wetland Evaluation System (OWES), originally developed in 1983, to identify and evaluate wetlands primarily to support land use planning processes under the *Planning Act*. The OWES currently consists of two manuals: the Southern Ontario Wetland Evaluation System and the Northern Ontario Wetland Evaluation System (MNR, 1993a; and MNR, 1993b). While many components of the manuals are similar, differences between the evaluation manuals reflect differences in climate, geomorphology, hydrology, human uses and other factors between these two parts of the province. Wetlands identified and evaluated using the OWES can be a valuable resource for implementing Section 28 of the *Conservation Authorities Act*, however, it is important to note that a wetland must meet the definition of ‘wetland’ within the *Conservation Authorities Act*.

1.3 Discussion of Wetlands and Other Areas

To provide guidance in the regulating of wetlands and the associated allowances, it is necessary to highlight the functions of wetlands.

1.3.1 Functions of Wetlands

Wetlands provide functions that have both ecosystem and human values. From an ecosystem perspective these include primary production, sustaining biodiversity, wildlife habitat, habitat for species at risk, maintenance of natural cycles (carbon, water) and food chains. From a human perspective, wetlands provide social and economic values such as flood attenuation, recreation opportunities, production of valuable products, improvement of water quality and educational benefits.

Wetlands retain waters during periods of high water levels or peak flows (i.e. spring freshet and storm events) allowing the water to be slowly released into the watercourse, infiltrate into the ground, and evaporate. As well, wetlands within the floodplain of a watercourse provide an area for the storage of flood waters and reduce the energy associated with the flood waters.

Wetlands retain and modify nutrients, chemicals and silt in surface and groundwater thereby

improving water quality. This occurs temporarily in the plants of the wetland but long term in the organic soils.

In addition, wetlands provide a variety of hydrologic functions. Over 60 potential hydrological functions have been identified for wetlands when developing the Southern Ontario Wetland Evaluation System. However, confirmation of many of these functions requires hydrological experts and field studies by qualified hydrologists. Therefore, the Ontario Wetland Evaluation System utilizes easily identifiable features and measures as surrogate values for these hydrological features.

1.3.2 Development and Interference

Development in wetlands has the potential to interfere with many of the natural features or ecological functions of wetlands. Development may remove or impact wildlife species and their habitat, degrade or remove natural vegetation communities and impair water quality and quantity in both surface and groundwater. As a result, development within wetlands can impact conservation of land.

Portions of wetlands may also be regulated due to presence of hazardous lands such as regulated floodplains or unstable soils. The applicable sections of SCRCA guideline documents should be referenced with respect to these hazards.

Removal, filling, dredging, or changing the hydrologic regime of wetlands (e.g. ponds or drains) can result in reducing the capacity of wetlands to retain water. This can result in higher flows in watercourses with resulting increases in flooding and erosion. As well, with no ability to retain water, the ability to recharge the aquifer is reduced, and the hydrologic cycle is modified.

Many wetlands develop on organic soils and, as a result, when reviewing development within a wetland, the soil composition should be reviewed. Where the soils are organic then Hazardous Lands should also be reviewed and the policies from this section should be incorporated in the decision making of the SCRCA.

Pollution from development in the form of improperly installed or maintained septic systems or urban runoff has the potential to interfere with the wetland. Proposals to drain stormwater management facilities into wetlands do not benefit the wetland through constant flows for dilution and moving particulate matter. Nutrients, chemicals, and sediments could enter the wetland impeding the function of the wetland.

When reviewing an application with respect to **interference** or **development**, the evaluation done under the OWES may be used as an information resource because it identifies the features and functions of the wetland. It should be noted that when reviewing application with respect to **development** under the Regulation, the significance of the wetland as determined by the Ontario Wetland Evaluation System is not a reason to deny or approve the application. The application must be reviewed with respect to the control of flooding, erosion, pollution, dynamic beaches or the conservation of land.

Many individual and cumulative hydrologic impacts to a wetland commonly occur within the catchment area of the wetland. It is important to consider the linkages between small wetlands and headwater areas, impacts of stormwater, and upstream constrictions to flow. Impacts to the hydrologic function of a wetland due to development within the “other areas” may also result from changes in imperviousness/infiltration due to a removal or change in vegetation, soil compaction during construction, disruption or alteration of groundwater flow paths due to underground construction, etc.

Ontario Regulation 171/06 specifies that the regulated area extends 120 metres from the limit of Provincially Significant Wetlands and 30 metres from the limit of all other wetlands for all CAs.

1.3.3 Technical Analysis

1.3.3.1 “Interfere in Any Way”

As part of the review of an application, a CA may request an Environmental Impact Study (EIS) to address Interference with a wetland. An EIS is a mechanism for assessing impacts to determine the suitability of a proposal. The submission of an EIS does not guarantee approval of the works. An EIS must be carried out by a qualified professional, with recognized expertise in the appropriate area of concern and shall be prepared using established procedures and recognized methodologies to the satisfaction of the CA. Appendix F provides additional details on what an EIS may contain.

1.4 Implementation Guidelines for Wetlands and Other Area

The following sections outline guidelines for implementing the SCRCA’s Regulation with respect to wetlands and “other areas”. The SCRCA, in its role through the planning process, should review planning applications to ensure that, in general, all development can occur outside and be set back an appropriate distance from the wetland boundaries.

1.4.1 Development and Interference Within Wetlands

- 1) In general, development and interference shall not be permitted within wetlands;
- 2) In general, new ponds and drains shall not be permitted within wetlands;
- 3) In general, stormwater management facilities shall not be permitted within wetlands;
- 4) Notwithstanding Section 1.4.1 1), public infrastructure (e.g. roads, sewers, flood and erosion control works) and various utilities (e.g. pipelines) may be permitted within a wetland subject to the activity being approved through a satisfactory Environmental Assessment process and/ or if it has been demonstrated to the satisfaction of the SCRCA that the control of flooding,

erosion, pollution or the conservation of land will not be affected and the interference on the natural features and hydrologic and ecological functions of the wetland has been deemed to be acceptable by the SCRCA;

- 5) Notwithstanding Section 1.4.1 1), conservation or restoration projects may be permitted within a wetland if it has been demonstrated to the satisfaction of the SCRCA that the control of flooding, erosion, pollution or the conservation of land will not be affected and the interference on the natural features and hydrologic and ecological functions of the wetland has been deemed to be acceptable by the SCRCA;
- 6) Notwithstanding Section 1.4.1 1), development associated with public parks (e.g. passive or low intensity outdoor recreation and education, trail system) may be permitted within a wetland if it has been demonstrated to the satisfaction of the SCRCA that the control of flooding, erosion, pollution or the conservation of land will not be affected and the interference on the natural features and hydrologic and ecological functions of the wetland has been deemed to be acceptable by the SCRCA.

1.4.2 Development Within “Other Areas” (Areas of Interference/Adjacent Lands within which Development may interfere with the Hydrologic Function of the Wetland)

The regulated area as defined within Ontario Regulation 171/06 extends 120 metres from the limit of *provincially significant wetlands (PSW)* and 30 metres from the limit of all other *wetlands*. These areas are regulated as *development* may interfere with the *hydrologic function* of the wetland. It is important to note that the onus is on the applicant to demonstrate that the development will not result in a hydrologic interference. If there is concern that development could interfere with the *hydrologic function* of a wetland, the control of flooding, erosion, pollution, dynamic beaches and conservation of land should also be considered prior to making a decision on the permit application.

1.4.2.1 Area Within 30 Metres of a PSW and all other Wetlands

- 1) In general, development shall not be permitted within 30 metres of the boundary of the wetland;
- 2) Notwithstanding Section 1.4.2.1 1), public infrastructure (e.g. roads, sewers, flood and erosion control works) and various utilities (e.g. pipelines) may be permitted within 30 metres of a wetland if the interference on the hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA;
- 3) Notwithstanding Section 1.4.2.1 1), conservation or restoration projects may be permitted within 30 metres of a wetland if the

interference on the hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA;

- 4) Notwithstanding Section 1.4.2.1 1), development associated with public parks (e.g. passive or low intensity outdoor recreation and education, trail system) may be permitted within 30 meters of a wetland if the interference on the hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA;
- 5) Notwithstanding Section 1.4.2.1 1), single family buildings or structures may be permitted within 30 metres of a wetland on vacant lots of record if the interference on the hydrologic function of the wetland has been deemed to be acceptable by the SCRCA. An EIS to assess the hydrologic impact shall be required if the submitted plans do not demonstrate the following:
 - a) All development (including grading) is located outside the regulated wetland and maintains as much setback as feasible;
 - b) Disturbances to natural vegetation communities contributing to the hydrologic function of the wetland are avoided;
 - c) The overall existing drainage patterns for the lot will be maintained;
 - d) Disturbed area and soil compaction is minimized;
 - e) Development is located above the high water table;
 - f) All septic systems are located a minimum of 15 metres from the wetland and a minimum of 0.9 m above the water table;
 - g) Impervious areas are minimized;
 - h) Best Management Practices are used to:
 - i) maintain water balance
 - ii) control sediment and erosion
 - iii) buffer wetlands
- 6) Notwithstanding Section 1.4.2.1 1), structural repairs to an existing building or structure may be permitted within 30 meters of a wetland if the interference on the hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA;
- 7) Notwithstanding Section 1.4.2.1 1), development associated with the construction or reconstruction of a building or structure may be permitted

within 30 meters of a wetland if there are no reasonable alternatives for locating the building or structure outside of the 30 metre setback and if the interference on the hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA;

- 8) Notwithstanding Section 1.4.2.1 1), development may be permitted within 30 meters of a wetland if the proposed development does not encroach further into the setback from the wetland boundary than existing development and if the interference on the hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA;

1.4.2.2

Area Between 30 Metres to 120 Metres of a Provincially Significant Wetland

- 1) In general, development may be permitted in the area between 30 metres to 120 metres of a wetland if the interference on the hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA;
- 2) Further to Section 1.4.2.2 1), public infrastructure (e.g. roads, sewers, flood and erosion control works) and various utilities (e.g. pipelines) may be permitted in the area between 30 metres to 120 metres of a wetland subject to the activity being approved through a satisfactory Environmental Assessment process and/or if the interference on the hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA;
- 3) Further to Section 1.4.2.2 1), conservation or restoration projects may be permitted in the area between 30 metres to 120 metres of a wetland if the interference on the hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA;
- 4) Further to Section 1.4.2.2 1), development associated with public parks (e.g. passive or low intensity outdoor recreation and education, trail system) may be permitted in the area between 30 metres to 120 metres of a wetland if the interference on the hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA;
- 5) Further to Section 1.4.2.2 1), single family buildings or structures may be permitted in the area between 30 metres to 120 metres of a wetland on vacant lots of record if the interference on the hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA. An EIS to assess the hydrologic impact shall be required if the submitted plans do not demonstrate the following:
 - a) All development (including grading) is located outside the 30 m

setback from the regulated wetland and maintains as much setback as feasible;

- b) Disturbances to natural vegetation communities contributing to the hydrologic function of the wetland are avoided;
 - c) The overall existing drainage patterns for the lot will be maintained;
 - d) Disturbed area and soil compaction is minimized;
 - e) Development is located above the high water table;
 - f) All septic systems are located at a minimum 0.9 m above the water table;
 - g) Impervious areas are minimized;
 - h) Best Management Practices are used to:
 - i) maintain water balance
 - ii) control erosion and sediment
 - iii) buffer wetlands
- 6) Further to Section 1.4.2.2 1), larger scale development associated with large commercial uses, industrial uses, multiple residential uses (condominiums, apartments, townhouses, etc.) and/or development into the water table may be permitted in the area between 30 metres to 120 metres of a wetland if the interference on hydrologic functions of the wetland has been deemed to be acceptable by the SCRCA. An EIS to assess the hydrologic impact shall be required.

Staff Report

11.(viii)



To: Board of Directors
Date: September 4, 2015
From: Patty Hayman, Director of Planning
Subject: Development Assessment Report (DAR) fee appeal
M. McClemont re DAR requirement to render a proposed rezoning application complete. West Parkway Drive, Plan 433, Lot 109 (see attached map), Ipperwash, Lambton Shores

The attached correspondence was received from the McClemonts. The McClemonts are applying for rezoning and a DAR is required to render the application complete according to the requirements of the *Planning Act*. Lambton Shores has requested the SCRCA review the DAR. SCRCA's 2015 full DAR fee is \$2,000.00. The \$2,000.00 fee was received so that the DAR review could be initiated; with the caveat that the proponent was requesting the fee be reimbursed.

The following is an excerpt from the SCRCA Fee Administration guideline:

SCRCA Appeal process (1996)

The SCRCA Planning Department fees structure is set for one year period by the Authority's Executive Committee or Full Authority Board. However, if an applicant feels the required fee is unjustified, for whatever reason, they have the right to appeal the required fee. To appeal a fee which has been charged the applicant may submit a written request to the Executive committee/Full Authority Board to appeal the fee. The appeal may be a written or verbal presentation to the Executive Committee/Full Authority Board. The decision to charge the fee will be made by the Executive Committee/Full Authority Board.

Summary of chronology of events:

- in February 2014, Lambton Shores (LS) planner P. Richardson, P. Hayman and M. Andreae met with McClemont's ecological consultant to review development proposal. Screening by SCRCA had occurred. (No SCRCA charge. Considered preconsultation). A Full DAR is required should development be pursued. SCRCA staff notes state that consultants were told SCRCA 2014 DAR review fee is \$500.00.
- in April 2014, DAR Terms of Reference approved by P. Richardson.
- fieldwork carried out 2013/2014
- in fall of 2014, SCRCA informed by County of Lambton Planning Dept. that DAR review assistance is required in long term and therefore SCRCA to ensure Natural Heritage expertise is retained. SCRCA Administration and Authority Board concur that costs must be based on full cost recovery for this service. No grants are applicable for DAR review. A DAR fee of \$2,000.00 approved by SCRCA Board in late Fall 2014.

- final report received by Lambton Shores Mar 2015. LS forwarded DAR to SCRCA for review Jun 1, 2015.
- SCRCA review fee (\$2,000.00) received in protest July 3, 2015

Analysis of reimbursement

- it is a substantial DAR report. This property covers a large number of significant features covered by the provincial policy statement, (ANSI, PSW, ESA, Significant Woodland, Significant Wildlife Habitat, and Threatened Species Habitat). Our level of commenting has included significant review of the DAR document, supporting documents including policy and legislation, and internal staff discussion.
- a lesser fee may have merit if the Board wishes to consider that the property report spans 2 calendar years with different fees.
- Note – it was suggested that the SCRCA staff should not initiate review until fee was established by Board/Exec Committee, but in discussions with the proponent and Administration it was decided to initiate review in order to prevent delays as the technical review is substantial for this property. The amount received could be considered a deposit pending review for this case only due to transition period.

July 3, 2012

Patricia Hayman, MCIP, RPP
Director of Planning
St. Clair Region Conservation Authority
205 Mill Pond Cr.,
Strathroy, ON, N7G 3P9



London ON
N6B 1R1
Bus: 519.673.3390
Fax: 519.673.6789
Carmen & Michael McClemon
Sales Representatives



CARMEN: carmen.mcclemon@century21.ca Cell: 519.902.6055
MICHAEL: michael.mcclemon@century21.ca Cell: 519.318.5693

Received July 3/15.

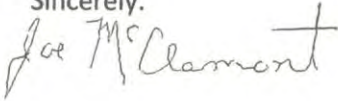
Dear Patty:

I am writing in protest, regarding the resolution the SCRA board passed pertaining to the additional surcharge of \$2000, payable for all reviews of DAR's. I duly respect the costs associated with managing the Conservation Authority but feel it reasonable that this supplementary fee should be renounced. The process of my application for West Parkway Drive was initiated well in advance of this new ruling. For this reason this rule should not apply to our application.

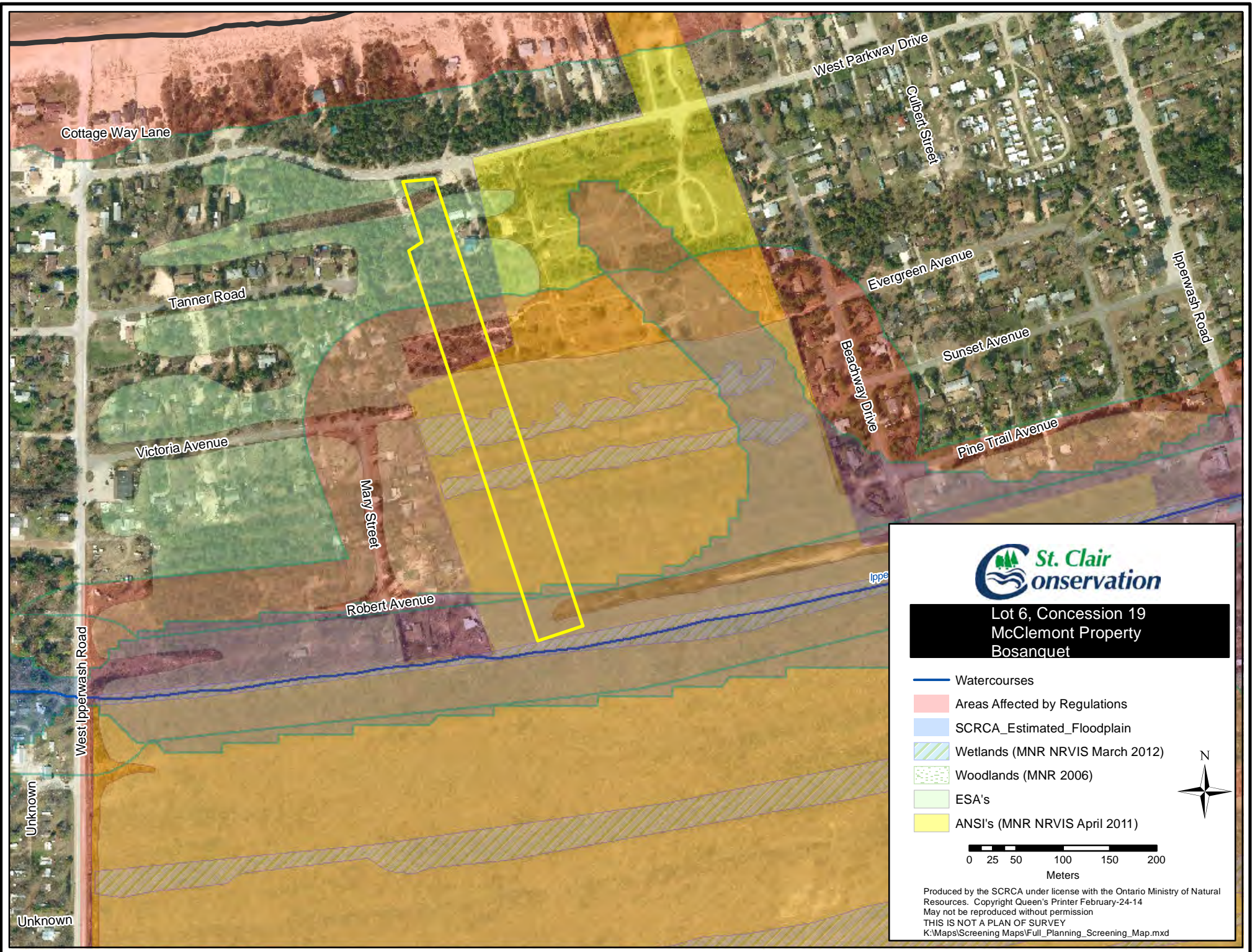
I am forwarding the \$2000 fee to initiate the review of the Development Approval Report by Lynn Valley Consultants for West Parkway Drive., Lambton Shores, and Plan 433 Lot 109; as a deposit to be reimbursed.

We are very much looking forward to your positive response.

Sincerely,



Joseph McClemon
Michael McClemon



Cottage Way Lane

West Parkway Drive

Conduit Street

Tanner Road

Evergreen Avenue

Ipperwash Road

Victoria Avenue

Sunset Avenue

May Street

Beachway Drive

Pine Trail Avenue

Robert Avenue

West Ipperwash Road

Unknown

Unknown



Prepared By: Tracy Prince
August 31, 2015

ST CLAIR REGION CONSERVATION AUTHORITY
Statement of Revenue and Expenditure
For the Seven Months Ended 31/07/2015

	Actual To Date			Annual Budget		Variance from Budget	
	Revenue	Expenditures	Surplus(Deficit)	Revenue	Expenditures	Revenue	Expenditures
Flood Control & Erosion Control	\$353,455	\$293,227	\$60,228	\$598,950	\$598,950	(\$245,495)	(\$305,723)
Capital Projects/WECI	\$1,048,764	\$872,256	\$176,508	\$337,500	\$337,500	\$711,264	\$534,756
Conservation Area's Capital Development	\$101,243	\$116,735	(\$15,492)	\$137,000	\$137,000	(\$35,757)	(\$20,265)
IT Capital	\$11,284	\$455	\$10,829	\$19,200	\$19,200	(\$7,916)	(\$18,745)
Equipment	\$46,025	\$0	\$46,025	\$72,000	\$72,000	(\$25,975)	(\$72,000)
Planning & Regulations	\$321,881	\$208,079	\$113,802	\$427,600	\$427,600	(\$105,719)	(\$219,521)
Technical Studies	\$318,553	\$131,523	\$187,030	\$213,900	\$213,900	\$104,653	(\$82,377)
Recreation	\$1,010,152	\$600,804	\$409,348	\$1,099,700	\$1,099,700	(\$89,548)	(\$498,896)
Property Management	\$155,209	\$168,439	(\$13,230)	\$273,000	\$273,000	(\$117,791)	(\$104,561)
Education and Communication	\$89,222	\$105,757	(\$16,536)	\$210,900	\$210,900	(\$121,679)	(\$105,143)
Source Water Protection	\$123,087	\$117,949	\$5,138	\$200,000	\$200,000	(\$76,913)	(\$82,051)
Conservation Services/Healthy Watersheds	\$682,463	\$439,701	\$242,762	\$1,105,451	\$1,105,451	(\$422,988)	(\$665,750)
Administration/AOC Management	\$474,311	\$744,666	(\$270,355)	\$1,014,940	\$1,014,940	(\$540,629)	(\$270,274)
	\$4,735,649	\$3,799,591	\$936,059	\$5,710,141	\$5,710,141	(\$974,492)	(\$1,910,550)

Notes:

1. Municipal matching, non-matching, 3-D Special and some Recreation levies totaling \$746,455 have been invoiced and are recorded in the actual revenue reported above. See General Levy Report for amounts outstanding.
2. The significant variances from budget to actual is reflective of the nature/timing and uniqueness of the particular projects. The variances will reduce and disappear as the year progresses.

**ST. CLAIR REGION CONSERVATION AUTHORITY
DISBURSEMENTS FROM June to August 2015**

**12.(ii)
Sarah Kellestine**

CHQ. #	DATE	VENDOR	DESCRIPTION	AMOUNT
16881	6/2/2015	AQUA POOLS,PATIOS & SPAS	Pool Supplies	\$ 67.68
16882	6/2/2015	BF ENVIRONMENTAL CONSULTANTS	Build a Berm	\$ 4,469.15
16883	6/2/2015	BUESINK WELDING & REPAIR INC.	Hanging Weights	\$ 83.62
16884	6/2/2015	BUFFETT, TAYLOR & ASSOCIATES I	Group Benefits	\$ 9,795.50
16885	6/2/2015	Canadian Linen & Uniform	Mats	\$ 39.18
16886	6/2/2015	COINAMATIC	Laundry Service	\$ 265.41
16887	6/2/2015	DOWLER KARN PROPANE	Fuel	\$ 55.06
16888	6/2/2015	GERBER ELECTRIC	Electrical Work at WWK	\$ 9,492.00
16889	6/2/2015	Graceview Enterprises Inc.	Renovation	\$ 38,907.92
16890	6/2/2015	Imagewear a division of Mark's	Uniform	\$ 109.01
16891	6/2/2015	JOHNSTON BROS.(BOTHWELL) LTD.	Gravel	\$ 4,312.70
16892	6/2/2015	KLEEFMAN CLEANING SERVICES	Office Cleaning	\$ 310.75
16893	6/2/2015	LAMBTON KENT FARM IMPLEMENTS L	Supplies	\$ 115.66
16894	6/2/2015	LONDON FIRE EQUIPMENT LTD.	Fire Extinguishers	\$ 44.64
16895	6/2/2015	Minister of Finance	Registration	\$ 565.00
16896	6/2/2015	NIELSEN'S FLOWERS/COUNTRYGOOSE	Flowers	\$ 96.05
16897	6/2/2015	ONTARIO MINISTER OF FINANCE	EHT	\$ 3,704.44
16898	6/2/2015	PETROLIA HOME HARDWARE	Supplies	\$ 113.69
16899	6/2/2015	TRACY PRINCE	Uniform	\$ 63.27
16900	6/2/2015	PURULATOR COURIER	Postage	\$ 43.00
16901	6/2/2015	GIRISH SANKAR	Uniform	\$ 102.99
16902	6/2/2015	Shannon Vending Limited	Supplies	\$ 109.90
16903	6/2/2015	SIGNS AND DESIGNS	Signs and Lettering for New Vehicles	\$ 536.75
16904	6/2/2015	Strathroy & District Chamber o	Lunch	\$ 84.75
16905	6/2/2015	STRATHROY HOME HARDWARE BUILDI	Supplies	\$ 144.30
16906	6/2/2015	STRATHROY SPORTS EXCELLENCE	Uniform	\$ 56.44
16907	6/2/2015	SWISH MAINTENANCE LIMITED	Supplies	\$ 245.91
16908	6/2/2015	Chris Top	Internet Installation LCH	\$ 300.00
16909	6/2/2015	TOWNSHIP OF ST. CLAIR	Utilities	\$ 58.57
16910	6/2/2015	SHERRY TURNER	Uniform	\$ 104.36
16911	6/2/2015	WARWICK GAS & VARIETY	Fuel	\$ 651.17
16912	6/2/2015	WATFORD HOME HARDWARE BUILDING	Supplies	\$ 549.05
16913	6/2/2015	Yellow Pages Group	Advertising	\$ 26.22

16914	6/2/2015 Jorden & Cook Architect Ltd	Renovation	\$	1,989.14
16915	6/2/2015 Sarah Kellestine - Petty Cash	Petty Cash	\$	156.50
16916	6/3/2015 BRIAN MCDOUGALL	Employee Expenses	\$	841.50
16917	6/3/2015 Tourism Sarnia-Lambton	Advertising	\$	1,500.00
16918	6/4/2015 Tourism Sarnia-Lambton	Advertising	\$	734.50
16919	6/16/2015 21 SHELL & VARIETY	Fuel	\$	313.00
16920	6/16/2015 Amico Infrastructures (Oxford Inc)	Contract for LAWSS	\$	84,980.10
16921	6/16/2015 AQUA POOLS,PATIOS & SPAS	Pool Supplies	\$	69.92
16922	6/16/2015 ARCTIC GLACIER INC.	Ice Purchase	\$	365.10
16923	6/16/2015 MARK BAKELAAR	Employee Expenses	\$	248.59
16924	6/16/2015 CANADIAN TODS LTD.	Advertising	\$	1,196.67
16925	6/16/2015 ERIN CARROLL	Employee Expenses	\$	689.24
16926	6/16/2015 CENTRAL SANITATION	Portable Toilets	\$	531.10
16927	6/16/2015 CITY OF SARNIA	Taxes	\$	109.25
16928	6/16/2015 COINAMATIC	Laundry Service	\$	266.29
16929	6/16/2015 COJAN GREENHOUSES	Landscape Supplies	\$	439.09
16930	6/16/2015 CONSERVATION ONTARIO	Levy Payment	\$	13,417.50
16931	6/16/2015 De Vet's Delta Cooling	Service walk in Cooler	\$	1,302.07
16932	6/16/2015 DOWLER KARN PROPANE	Fuel	\$	118.10
16933	6/16/2015 CHRIS DURAND	Employee Expenses	\$	175.15
16934	6/16/2015 FOREST CITY LEASING	Photo Copier Lease	\$	293.80
16935	6/16/2015 Gord Williams Landscaping Ltd.	Rental of tractor	\$	2,881.50
16936	6/16/2015 PATTY HAYMAN	Employee Expenses	\$	243.47
16937	6/16/2015 LLOYD HENDRICKX	Post Removal	\$	113.00
16938	6/16/2015 Hodgkiss, Sarah	Employee Expenses	\$	429.24
16939	6/16/2015 Imagewear a division of Mark's	Uniform	\$	339.57
16940	6/16/2015 The Independent	Advertising	\$	254.25
16941	6/16/2015 Jones Grown	Gate Posts	\$	228.83
16942	6/16/2015 Kember Topsoil	Topsoil WWK	\$	703.99
16943	6/16/2015 KLEEFMAN CLEANING SERVICES	Office Cleaning	\$	374.31
16944	6/16/2015 K T Excavating	Removal of Gates	\$	180.80
16945	6/16/2015 KUCERA UTILITIES & FARM SUPPLY	Tractor repair	\$	519.55
16946	6/16/2015 KYIS EMBROIDERY	Uniform	\$	81.36
16947	6/16/2015 LARRY MACDONALD CHEV OLDS	Vehicle Maintenance	\$	1,334.40
16948	6/16/2015 Middlesex Youth Hunt	Midd. Stew. Coun. Grant	\$	10,000.00
16949	6/16/2015 MILLIKEN PLUMBING & HEATING LT	Hot Water Heater	\$	2,050.95
16950	6/16/2015 MOFFATT & POWELL (RONA)	Supplies	\$	152.44

16951	6/16/2015	PETROLIA HOME HARDWARE	Supplies	\$	243.48
16952	6/16/2015	PODOLINSKY FARM EQUIPMENT	Vehicle Maintenance	\$	630.25
16953	6/16/2015	Power Plumbing & Heating	Plumbing Repair	\$	3,764.93
16954	6/16/2015	PRAXAIR DISTRIBUTION, DIV OF P	Nitrogen	\$	82.12
16955	6/16/2015	PURULATOR COURIER	Postage	\$	36.75
16956	6/16/2015	RAPID BINDING & LAMINATING	Posters	\$	220.35
16957	6/16/2015	RIDGETOWN INDEPENDENT NEWS	Advertising	\$	55.68
16958	6/16/2015	Rural Lambton Stewardship Network	Native Grasses	\$	1,497.09
16959	6/16/2015	Scott's Antenna Service	Repair Coax Cable	\$	75.00
16960	6/16/2015	ALISON SEIDLER	Employee Expenses	\$	175.15
16961	6/16/2015	SHOREPLAN ENGINEERING LTD.	Consulting	\$	11,583.79
16962	6/16/2015	SIGNS AND DESIGNS	Signs for parks	\$	656.53
16963	6/16/2015	KELLI SMITH	Employee Expenses	\$	267.00
16964	6/16/2015	SOMERVILLE NURSERIES INC.	Trees	\$	38,124.66
16965	6/16/2015	STEVENS EXHIBIT DESIGN GROUP	Roller Banner	\$	1,371.82
16966	6/16/2015	STRATHROY WELDING AND REPAIRS	Repair to tree planet	\$	574.04
16967	6/16/2015	STRATHROY SPORTS EXCELLENCE	Uniforms	\$	202.72
16968	6/16/2015	STRATHROY TURF FARMS	Sod	\$	40.68
16969	6/16/2015	SWISH MAINTENANCE LIMITED	Supplies	\$	2,358.87
16970	6/16/2015	TOWNSHIP OF ENNISKILLEN	Utilities	\$	391.84
16971	6/16/2015	TOWN OF PLYMPTON-WYOMING	Utilities	\$	317.36
16972	6/16/2015	TOWNSHIP OF DAWN-EUPHEMIA	Utilities	\$	71.45
16973	6/16/2015	Trimen Foodservice Equipment	Dishwasher	\$	5,283.00
16974	6/16/2015	VALLEY LAWN CARE	Lawn Maintenance	\$	3,457.80
16975	6/16/2015	VAN TUYL & FAIRBANK	Maintenance Supplies	\$	393.54
16976	6/16/2015	WARWICK AUTO SERVICE	Equipment Maint,	\$	473.88
16977	6/16/2015	WASTE MANAGEMENT OF CANADA COR	Garbage Collection	\$	2,398.84
16978	6/16/2015	WATFORD HOME HARDWARE BUILDING	Supplies	\$	409.37
16979	6/16/2015	Al Webster Farm Supply Limited	Maintenance Supplies	\$	186.61
16980	6/16/2015	Welch, Laura	Refund for Seasonal Camper	\$	1,300.00
16981	6/16/2015	WINDOVER NURSERIES INC.	Plants	\$	127.66
16982	6/19/2015	THE RECEIVER GENERAL FOR CANAD	HST Adjustment	\$	2,767.39
16983	6/30/2015	Quinn, Emily	Payroll Cheque	\$	579.38
16984	6/30/2015	McDonald, Bruce	Payroll Cheque	\$	315.76
16985	7/2/2015	4IMPRINT, INC.	Merchandise	\$	1,396.45
16986	7/2/2015	ALS CANADA LIMITED	Water Quality	\$	221.48
16987	7/2/2015	AQUA POOLS,PATIOS & SPAS	Pool Supplies	\$	46.22

16988	7/2/2015 ARBORTECH PROFS. TREE CARE	Cutting of Trees	\$	457.65
16989	7/2/2015 ARCTIC GLACIER INC.	Ice Purchase	\$	223.20
16990	7/2/2015 BADDER BUS SERVICE	Bus Tour	\$	1,017.00
16991	7/2/2015 MARK BAKELAAR	Employee Expenses	\$	150.29
16992	7/2/2015 Basement Boss	Renovation McLean	\$	452.00
16993	7/2/2015 RICK BATTSON	Employee Expenses	\$	444.40
16994	7/2/2015 BUFFETT, TAYLOR & ASSOCIATES I	Group Benefits	\$	10,551.16
16995	7/2/2015 Canadian Linen & Uniform	Mats	\$	39.60
16996	7/2/2015 ERIN CARROLL	Employee Expenses	\$	202.40
16997	7/2/2015 CASEY DEN BOER GENERAL CARPENT	Pavilion Roof Repair	\$	470.08
16998	7/2/2015 CENTRAL SANITATION	Portable Toilets	\$	621.50
16999	7/2/2015 STEPHEN CLARK	Employee Expenses	\$	289.08
17000	7/2/2015 DOWLER KARN PROPANE	Fuel	\$	362.37
17001	7/2/2015 ENTERPRISE RENT-A-CAR CANADA L	Car Rental	\$	1,667.65
17002	7/2/2015 FOREST AGRI SERVICES LTD.	Pool Supplies	\$	62.56
17003	7/2/2015 FOREST CITY BUSINESS EQUIPMENT	Photo Copier Lease	\$	1,978.88
17004	7/2/2015 Forest Gene Conservation Association	Membership	\$	20.00
17005	7/2/2015 H.R. DESA ENTERPRISES LTD.	Supplies	\$	169.50
17006	7/2/2015 Imagewear a division of Mark's	uniforms	\$	67.78
17007	7/2/2015 KEY CONTACT	Printing Expense	\$	506.24
17008	7/2/2015 LAKESIDE GRAIN & FEED LTD.	Grass Seed and Weed Control Supplies	\$	15,431.00
17009	7/2/2015 L.A. POOL & SPA	Pool Supplies	\$	257.39
17010	7/2/2015 Leckie, Linda	Bingo	\$	380.00
17011	7/2/2015 LOBLAW COMPANIES LIMITED	Meeting Supplies	\$	188.28
17012	7/2/2015 BRIAN MCDOUGALL	Employee Expenses	\$	327.80
17013	7/2/2015 Morris, Todd	Meeting Supplies	\$	192.49
17014	7/2/2015 719329 ONTARIO LIMITED	Pool Pump	\$	696.33
17015	7/2/2015 ONTARIO MINISTER OF FINANCE	Employer Health Tax	\$	5,855.85
17016	7/2/2015 TIM PAYNE	Employee Expenses	\$	313.50
17017	7/2/2015 PETROLIA HOME HARDWARE	Supplies	\$	17.31
17018	7/2/2015 P J SEEDS	Butterfly Meadow	\$	24.95
17019	7/2/2015 PODOLINSKY FARM EQUIPMENT	Vehicle Maintenance	\$	1,867.89
17020	7/2/2015 TRACY PRINCE	Fridge	\$	1,668.93
17021	7/2/2015 PUROLATOR COURIER	Postage	\$	73.95
17022	7/2/2015 RON CLARK MOTORS	Vehicle Maintenance	\$	33.56
17023	7/2/2015 GIRISH SANKAR	Employee Expenses	\$	33.00
17024	7/2/2015 SIGNS AND DESIGNS	Truck Lettering	\$	339.00

17025	7/2/2015 KELLI SMITH	Employee Expenses	\$ 250.20
17026	7/2/2015 Spriet Associates	Consulting	\$ 3,682.04
17027	7/2/2015 STRATHROY HOME HARDWARE BUILDI	Supplies	\$ 22.53
17028	7/2/2015 STRATHROY SPORTS EXCELLENCE	uniforms	\$ 134.92
17029	7/2/2015 ST. WILLIAMS NURSERY & ECOLOGY	Trees	\$ 4,344.85
17030	7/2/2015 SUN MEDIA CORPORATION	Advertising	\$ 101.70
17031	7/2/2015 SUPERIOR COMPUTER SALES INC.	Computer Monitor	\$ 254.25
17032	7/2/2015 THREE MAPLES VARIETY	Fuel	\$ 580.39
17033	7/2/2015 MIKE TIZZARD	Employee Expenses	\$ 153.20
17034	7/2/2015 Trimen Foodservice Equipment	Dishwasher Supplies	\$ 117.52
17035	7/2/2015 ULTRAGUARD SECURITY SYSTEMS	Security Service	\$ 768.40
17036	7/2/2015 UPPER THAMES RIVER CONS. AUTH.	Training	\$ 339.00
17037	7/2/2015 VAN TUYL & FAIRBANK	Repairs	\$ 217.53
17038	7/2/2015 VILLAGE OF POINT EDWARD	Waterfront Maintenance	\$ 1,500.00
17039	7/2/2015 WATFORD HOME HARDWARE BUILDING	Signs for parks	\$ 387.13
17040	7/2/2015 WELLMARK INTERNATIONAL LBX 910	Larvacide	\$ 13,703.06
17041	7/2/2015 Yellow Pages Group	Advertising	\$ 26.22
17042	7/7/2015 1838120 Ontario Ltd, Greenfield Contracting	Renovation	\$ 7,981.90
17043	7/9/2015 Rops, Aaron	Payroll Cheque	\$ 875.94
17044	7/16/2015 21 SHELL & VARIETY	Fuel	\$ 470.00
17045	7/16/2015 A & B RENTAL CENTRE	Stump Removal	\$ 1,764.66
17046	7/16/2015 Bill Aikens	Camping Refund	\$ 490.00
17047	7/16/2015 BATTLEFIELD EQUIPMENT RENTALS	Paint	\$ 189.37
17048	7/16/2015 Alan Broad	Payroll Cheque	\$ 347.68
17049	7/16/2015 CENTRAL SANITATION	Portable Toilets	\$ 124.30
17050	7/16/2015 DUN-RITE LANDSCAPING INC.	Lawn Maintenance	\$ 757.10
17051	7/16/2015 FOREST CITY LEASING	Photo Copier Lease	\$ 293.80
17052	7/16/2015 MELISSA GILL	Employee Expenses	\$ 301.35
17053	7/16/2015 GRAND RIVER CONS. AUTHORITY	CA Biennial Tour 2015	\$ 1,450.00
17054	7/16/2015 Graceview Enterprises Inc.	Renovation	\$ 17,298.31
17055	7/16/2015 Harvey Smith & Sons Limited	Parking Lot McLean	\$ 9,898.53
17056	7/16/2015 Alexandra Humphries	Payroll Cheque	\$ 923.05
17057	7/16/2015 J. & J. Precast Ltd	Parking Lot	\$ 1,488.89
17058	7/16/2015 KELLY JOHNSON	Employee Expenses	\$ 444.80
17059	7/16/2015 JOHNSTON BROS.(BOTHWELL) LTD.	Gravel	\$ 3,679.69
17060	7/16/2015 Jordan & Cook Architect Ltd	Renovation	\$ 747.96
17061	7/16/2015 J & S LAWN CARE	Lawn Maintenance	\$ 2,629.51

17062	7/16/2015 Kern Water	Ice Purchase	\$ 325.00
17063	7/16/2015 KLEEFMAN CLEANING SERVICES	Office Cleaning	\$ 536.75
17064	7/16/2015 LARRY MACDONALD CHEV OLDS	Vehicle Maintenance	\$ 741.37
17066	7/16/2015 Heather Long	Employee Expenses	\$ 71.15
17067	7/16/2015 Mt. Brydges Ford Sales Ltd.	Vehicle Purchase	\$ 65,209.69
17069	7/16/2015 MUNICIPALITY OF CHATHAM KENT	2015 Final Tax	\$ 15,495.35
17070	7/16/2015 719329 ONTARIO LIMITED	Building Maintenance	\$ 371.14
17071	7/16/2015 O'tools	Vehicle Maintenance	\$ 47.47
17072	7/16/2015 PETROLIA HOME HARDWARE	Supplies	\$ 127.10
17073	7/16/2015 PODOLINSKY FARM EQUIPMENT	Vehicle Maintenance	\$ 198.18
17074	7/16/2015 Pollard Highway Products Ltd.	Dustmaster	\$ 1,498.20
17075	7/16/2015 PUROLATOR COURIER	Postage	\$ 63.04
17076	7/16/2015 RELIANCE HOME COMFORT	Hot Water Heater	\$ 134.49
17077	7/16/2015 RIDGETOWN INDEPENDENT NEWS	Advertising	\$ 55.68
17078	7/16/2015 Schooley Mitchell Telecom Consultants	Savings Plan Adjustments	\$ 3,149.41
17079	7/16/2015 Shannon Vending Limited	Coffee Purchase	\$ 307.80
17080	7/16/2015 STRATHROY HOME HARDWARE BUILDI	Supplies	\$ 85.67
17081	7/16/2015 MIKE TIZZARD	Employee Expenses	\$ 451.89
17082	7/16/2015 TOWNSHIP OF WARWICK	2015 Final Tax	\$ 1,308.83
17085	7/16/2015 TOWNSHIP OF ST. CLAIR	2015 Final Tax	\$ 15,786.26
17086	7/16/2015 VALLEY LAWN CARE	Lawn Maintenance	\$ 3,638.60
17088	7/16/2015 WARWICK GAS & VARIETY	fuel	\$ 693.56
17089	7/16/2015 WASTE MANAGEMENT OF CANADA COR	Garbage Collection	\$ 3,054.54
17090	7/16/2015 WATFORD HOME HARDWARE BUILDING	Supplies	\$ 157.11
17091	7/16/2015 Muriel Wright	Payroll Cheque	\$ 469.55
17092	7/21/2015 Hayman, Andrew	Payroll Cheque	\$ 111.90
17093	7/29/2015 Rops, Aaron	Payroll Cheque	\$ 800.19
17094	7/23/2015 Mt. Brydges Ford Sales Ltd.	Vehicle Purchase	\$ 21,477.69
17095	8/5/2015 ADVANTAGE FARM EQUIPMENT LTD.	Supplies	\$ 26.04
17096	8/5/2015 BADDER BUS SERVICE	Bus Tour	\$ 813.60
17097	8/5/2015 Borea Construction	Camping Refund	\$ 698.50
17098	8/5/2015 BUFFETT, TAYLOR & ASSOCIATES I	Group Benefits	\$ 10,534.70
17099	8/5/2015 Campbells Outdoor Power Equipm	Hedge Trimmer	\$ 267.69
17100	8/5/2015 Canadian Linen & Uniform	Mats	\$ 40.33
17101	8/5/2015 ERIN CARROLL	Employee Expenses	\$ 25.95
17102	8/5/2015 CENTRAL SANITATION	Portable Toilets	\$ 1,581.00
17103	8/5/2015 COINAMATIC	Laundry Service	\$ 207.33

17104	8/5/2015 CP INDUSTRIES LTD.	Enzyme Deodorizers	\$ 2,782.65
17105	8/5/2015 DOUGLAS-KOZERA EXCAVATING ENVR	Demo Contract	\$ 15,000.00
17106	8/5/2015 DOWLER KARN PROPANE	Fuel	\$ 218.04
17107	8/5/2015 DUCKS UNLIMITED CANADA	Membership	\$ 35.00
17108	8/5/2015 E.S.HUBBELL & SONS LTD.	Delineator Posts	\$ 180.57
17109	8/5/2015 GERBER ELECTRIC	Maintenance	\$ 514.52
17110	8/5/2015 Gillings, Cassandra	Grant 2015	\$ 4,000.00
17111	8/5/2015 Graceview Enterprises Inc.	renovation	\$ 16,975.27
17112	8/5/2015 ERNIE HERRINGTON	Gravel	\$ 690.15
17113	8/5/2015 I & K Contracting	Welding of tree planter	\$ 22.60
17114	8/5/2015 Imagewear a division of Mark's	uniforms	\$ 40.67
17115	8/5/2015 INDUSTRIAL ALLIANCE INS.& FIN.SERVICES INC.	Insurance	\$ 338.39
17116	8/5/2015 JOHNSTON BROS.(BOTHWELL) LTD.	gravel	\$ 1,522.32
17117	8/5/2015 Sarah Kellestine - Petty Cash	Petty Cash	\$ 293.30
17118	8/5/2015 Kern Water	Ice Purchase	\$ 1,244.10
17119	8/5/2015 K & H DISTRIBUTING	Fireworks	\$ 4,165.82
17120	8/5/2015 KYIS EMBROIDERY	uniforms	\$ 45.20
17121	8/5/2015 LAKESIDE GRAIN & FEED LTD.	Weed Control Supplies	\$ 1,534.60
17122	8/5/2015 LAMBTON KENT FARM IMPLEMENTS L	Supplies	\$ 52.66
17123	8/5/2015 Leckie, Linda	Bingo	\$ 380.00
17124	8/5/2015 LOBLAW COMPANIES LIMITED	Meeting Supplies	\$ 12.18
17125	8/5/2015 MUNICIPALITY OF CHATHAM KENT	2015 Final Tax	\$ 64.58
17126	8/5/2015 MUNICIPALITY OF LAMBTON SHORES	2015 Final Tax	\$ 498.99
17127	8/5/2015 SHARON NETHERCOTT	Employee Expenses	\$ 248.19
17128	8/5/2015 ONTARIO FARMER	Subscription	\$ 65.00
17129	8/5/2015 ONTARIO HOSE SPECIALTIES LIMIT	Supplies	\$ 271.20
17130	8/5/2015 ONTARIO MINISTER OF FINANCE	Employer Health Tax	\$ 4,092.09
17131	8/5/2015 Parkside Restaurant	Meeting Expense	\$ 149.16
17132	8/5/2015 Pavey, Travis	Uniform	\$ 100.00
17133	8/5/2015 PETROLIA HOME HARDWARE	Supplies	\$ 33.30
17134	8/5/2015 PUROLATOR COURIER	Postage	\$ 258.46
17135	8/5/2015 RIVERVIEW	Vehicle Maintenance	\$ 270.44
17136	8/5/2015 GIRISH SANKAR	Employee Expenses	\$ 71.85
17137	8/5/2015 SHOREPLAN ENGINEERING LTD.	Consulting	\$ 1,582.00
17138	8/5/2015 ST. CLAIR REGION SOIL & CROP I	Advertising	\$ 66.67
17139	8/5/2015 STEELES AUTO WRECKERS	Locks	\$ 150.00
17140	8/5/2015 DONNA STRANG	Employee Expenses	\$ 277.09

17141	8/5/2015 STRATHROY HOME HARDWARE BUILDI	Supplies	\$	164.91
17142	8/5/2015 STRATHROY RENTAL ONE	Equipment Rental	\$	83.62
17143	8/5/2015 STRATHROY TIRE SALES & SERVICE	Vehicle Maintenance	\$	79.37
17144	8/5/2015 SUPERIOR COMPUTER SALES INC.	Computer Supplies	\$	310.19
17145	8/5/2015 SWISH MAINTENANCE LIMITED	Supplies	\$	538.28
17146	8/5/2015 Fred Tammingo	Camping Refund	\$	40.00
17147	8/5/2015 THREE MAPLES VARIETY	fuel	\$	848.56
17148	8/5/2015 MIKE TIZZARD	Employee Expenses	\$	294.50
17149	8/5/2015 TOWNSHIP OF ENNISKILLEN	2015 Final Tax	\$	179.29
17150	8/5/2015 Van Driel Excavating Inc	Consulting	\$	258.00
17151	8/5/2015 WARWICK GAS & VARIETY	Fuel	\$	654.49
17152	8/5/2015 WATFORD HOME HARDWARE BUILDING	supplies	\$	1,037.61
17153	8/5/2015 Yellow Pages Group	Advertising	\$	26.22
17154	8/5/2015 Kern Water	Ice Purchase	\$	1,060.35
17155	8/14/2015 21 SHELL & VARIETY	Fuel	\$	587.40
17156	8/14/2015 MUNICIPALITY OF BROOKE-ALVINST	2015 Final Tax	\$	1,094.41
17157	8/14/2015 CENTRAL SANITATION	Portable Toilets	\$	1,039.60
17158	8/14/2015 STEPHEN CLARK	Employee Expenses	\$	598.89
17159	8/14/2015 COLDSTREAM CONCRETE LIMITED	Supplies	\$	427.14
17160	8/14/2015 CORP. OF THE TOWN OF PETROLIA	2015 Final Tax	\$	215.85
17161	8/14/2015 DOWLER KARN PROPANE	Fuel	\$	363.37
17162	8/14/2015 DUN-RITE LANDSCAPING INC.	Lawn Maintenance	\$	327.70
17163	8/14/2015 CHRIS DURAND	Uniform	\$	22.59
17164	8/14/2015 ENTERPRISE RENT-A-CAR CANADA L	Car Rental	\$	4,319.12
17165	8/14/2015 HEYLAND FARMS LTD./DOUG MCGEE	Vehicle Maintenance	\$	937.90
17166	8/14/2015 Hollandia Gardens Limited	Pool Supplies	\$	2,342.49
17167	8/14/2015 INDUSTRIAL PAINT/SUPPLIES LTD.	Paint	\$	170.01
17168	8/14/2015 INLAND AGGREGATES	Stone	\$	982.26
17169	8/14/2015 JEG'S	Vehicle Maintenance	\$	93.79
17170	8/14/2015 KELLY JOHNSON	Employee Expenses	\$	122.46
17171	8/14/2015 Kern Water	Ice Purchase	\$	281.25
17172	8/14/2015 LAMBTON KENT FARM IMPLEMENTS L	Purchase of the Tank	\$	348.04
17173	8/14/2015 LARRY MACDONALD CHEV OLDS	Vehicle Maintenance	\$	29.40
17174	8/14/2015 LITTLE, INGLIS & PRICE	Lawyer	\$	352.56
17175	8/14/2015 LONDON FIRE EQUIPMENT LTD.	Fire Extinguishers	\$	1,001.97
17176	8/14/2015 LOVERS ATWORK OFFC.FURNITR.INC	Furniture	\$	8,196.86
17177	8/14/2015 BRIAN MCDOUGALL	Employee Expenses	\$	329.91

17178	8/14/2015 MUNICIPALITY OF MIDDLESEX CENT	2015 Final Tax	\$ 377.94
17179	8/14/2015 MUNICIPALITY OF STRATHROY-CARA	2015 Final Tax	\$ 668.83
17180	8/14/2015 MUNICIPALITY OF SOUTHWEST MIDD	2015 Final Tax	\$ 1,272.09
17181	8/14/2015 Odorizi, Mary Anne	Camping Refund	\$ 345.00
17182	8/14/2015 PODOLINSKY FARM EQUIPMENT	Vehicle Maintenance	\$ 49.94
17183	8/14/2015 Power Plumbing & Heating	Building Maintenance	\$ 302.84
17184	8/14/2015 RAPID BINDING & LAMINATING	Posters	\$ 220.35
17185	8/14/2015 RIDGETOWN INDEPENDENT NEWS	Advertising	\$ 41.76
17186	8/14/2015 SAGE ACCPAC CANADA INC.	Subscription	\$ 2,563.69
17187	8/14/2015 Schooley Mitchell Telecom Consultants	Savings Plan Adjustments	\$ 2,247.92
17188	8/14/2015 Shannon Vending Limited	Coffee Purchase	\$ 10.95
17189	8/14/2015 SIGNS AND DESIGNS	Signs for parks	\$ 1,028.87
17190	8/14/2015 TOWNSHIP OF WARWICK	2015 Final Tax	\$ 1,170.52
17191	8/14/2015 Township of Adelaide Metcalfe	2015 Final Tax foundation	\$ 135.02
17192	8/14/2015 VALLEY LAWN CARE	Lawn Maintenance	\$ 4,141.45
17193	8/14/2015 WARWICK AUTO SERVICE	Vehicle Maintenance	\$ 194.22
17194	8/14/2015 WATFORD HOME HARDWARE BUILDING	Supplies	\$ 110.15
17195	8/24/2015 Amico Infrastructures (Oxford Inc)	Hold Back Release	\$ 77,411.05
17196	8/24/2015 Campbells Outdoor Power Equipm	Power trimmer Repair	\$ 307.61
17197	8/24/2015 Canadian Linen & Uniform	Mats	\$ 40.33
17198	8/24/2015 Matt Caron	Employee Expenses	\$ 395.50
17199	8/24/2015 CENTRAL SANITATION	Portable Toilets	\$ 124.30
17200	8/24/2015 COINAMATIC	Laundry Service	\$ 266.29
17201	8/24/2015 DELAWARE PUMP & PARTS LIMITED	Supplies	\$ 9.13
17202	8/24/2015 Delta Power Equipment Watford Division	Spray Equipment Parts	\$ 335.43
17203	8/24/2015 DOVER AGRI-SERVE INC.	Rolling Phragmites	\$ 1,130.00
17204	8/24/2015 DOWLER KARN PROPANE	Fuel	\$ 381.01
17205	8/24/2015 ENTERPRISE RENT-A-CAR CANADA L	Car Rental	\$ 2,092.30
17206	8/24/2015 Forest Agricultural Society	Booth at fall Fair	\$ 169.50
17207	8/24/2015 Gilbert, Janice	Manual Cutting of Phragmites	\$ 5,000.00
17208	8/24/2015 ERNIE HERRINGTON	Hill Grading at McEwen	\$ 339.00
17209	8/24/2015 H.R. DESA ENTERPRISES LTD.	Worms	\$ 169.50
17210	8/24/2015 KELLY JOHNSON	Employee Expenses	\$ 32.76
17211	8/24/2015 J & S LAWN CARE	Lawn Maintenance	\$ 1,409.11
17212	8/24/2015 Sarah Kellestine - Petty Cash	Petty Cash	\$ 225.75
17213	8/24/2015 Kember Topsoil	Soil for Weir Repair	\$ 316.40
17214	8/24/2015 KYIS EMBROIDERY	Uniform	\$ 27.12

17215	8/24/2015 LAKESIDE GRAIN & FEED LTD.	Grass and Weed Control Supplies	\$	315.94
17216	8/24/2015 MICROAGE BASICS	Telephone Service	\$	459.23
17217	8/24/2015 PETROLIA HOME HARDWARE	Supplies	\$	20.88
17218	8/24/2015 PUROLATOR COURIER	Postage	\$	17.23
17219	8/24/2015 Rick's Contracting & Pool Services	Pool Supplies	\$	435.05
17220	8/24/2015 SHOREPLAN ENGINEERING LTD.	Consulting	\$	870.10
17221	8/24/2015 Storey, Sara	Payroll Cheque	\$	76.28
17222	8/24/2015 WALTER TADGELL & SONS LTD	Equipment Maint,	\$	37.47
17223	8/24/2015 TOWNSHIP OF WARWICK	Road Sign	\$	141.33
17224	8/24/2015 TOWNSHIP OF DAWN-EUPHEMIA	Utilities	\$	69.00
17225	8/24/2015 WATFORD HOME HARDWARE BUILDING	Supplies	\$	349.98
17226	8/24/2015 Yellow Pages Group	Advertising	\$	26.22

TOTAL CHEQUE DISBURSEMENTS - BANK #1 -

759,994.21

INTERNET BANKING

TRANS #	DATE	VENDOR	DESCRIPTION	AMOUNT
8180	30/06/2015	BELL CANADA	Telephone	18.36
8181	30/06/2015	BELL CANADA	Telephone	75.70
8182	30/06/2015	BELL MOBILITY CELLULAR	Telephone	111.38
8183	30/06/2015	BROOKE TELECOM CO-OP	Telephone	1,050.93
8184	30/06/2015	ENTEGRUS SERVICES INC. (CHATHA)	Utilities	798.64
8185	30/06/2015	Execulink Telecom	Telephone/Internet	1,568.24
8186	30/06/2015	FCDQ (DESJARDINS)	Office Supplies	592.04
8188	30/06/2015	HYDRO ONE Networks Inc.	Hydro	23,230.12
8189	30/06/2015	MASTERCARD	Employee Expenses	6,380.05
8190	30/06/2015	OMERS	Pension	31,498.98
8191	30/06/2015	PETRO CANADA INC.	Fuel	3,871.20
8192	30/06/2015	RECEIVER GENERAL	Source Deductions	59,006.35
8193	30/06/2015	Rogers Cable Communications Inc	Telephone/Internet	192.04
8194	30/06/2015	ROGERS WIRELESS	Telephone	1,325.26
8195	30/06/2015	TSC Stores	Supplies	137.68
8196	30/06/2015	UNION GAS LIMITED	Utilities	125.27
8197	30/06/2015	WORKPLACE SAFETY & INS. BOARD	Workers Comp.	13,230.50
8198	31/07/2015	BELL CANADA	Telephone	17.85
8199	31/07/2015	BELL CANADA	Telephone	137.81

8200	31/07/2015 BELL MOBILITY CELLULAR	Telephone	84.75
8201	31/07/2015 BLUEWATER POWER	Utilities	134.94
8202	31/07/2015 BROOKE TELECOM CO-OP	Telephone/Internet	869.12
8203	31/07/2015 ENTEGRUS SERVICES INC. (CHATHA)	Utilities	814.72
8204	31/07/2015 Execulink Telecom	Telephone/Internet	644.62
8205	31/07/2015 FCDQ (DESJARDINS)	Office Supplies	1,298.22
8207	31/07/2015 HYDRO ONE Networks Inc.	Hydro	28,954.05
8208	31/07/2015 MASTERCARD	Employee Expenses	4,125.65
8209	31/07/2015 OMERS	Pension	47,291.22
8210	31/07/2015 PETRO CANADA INC.	Fuel	4,034.41
8211	31/07/2015 RECEIVER GENERAL	Source Deductions	86,515.85
8212	31/07/2015 Rogers Cable Communications Inc	Telephone/Internet	192.04
8213	31/07/2015 ROGERS WIRELESS	Telephone	1,542.34
8214	31/07/2015 TSC Stores	Supplies	91.56
8215	31/07/2015 UNION GAS LIMITED	Utilities	30.75
8216	31/07/2015 WORKPLACE SAFETY & INS. BOARD	Workers Comp.	6,140.61
8217	31/08/2015 BELL CANADA	Telephone	15.03
8218	31/08/2015 BELL CANADA	Telephone	695.61
8219	31/08/2015 BROOKE TELECOM CO-OP	Telephone/Internet	829.35
8220	31/08/2015 ENTEGRUS SERVICES INC. (CHATHA)	Utilities	902.10
8221	31/08/2015 Execulink Telecom	Telephone/Internet	862.31
8222	31/08/2015 FCDQ (DESJARDINS)	Office Supplies	518.78
8224	31/08/2015 HYDRO ONE Networks Inc.	Hydro	36,697.73
8225	31/08/2015 MASTERCARD	Employee Expenses	3,678.32
8226	31/08/2015 OMERS	Pension	30,827.72
8227	31/08/2015 PETRO CANADA INC.	Fuel	4,209.90
8228	31/08/2015 RECEIVER GENERAL	Source Deductions	55,383.38
8229	31/08/2015 Rogers Cable Communications Inc	Telephone/Internet	192.04
8230	31/08/2015 ROGERS WIRELESS	Telephone	825.75
8231	31/08/2015 TSC Stores	Supplies	85.82
8232	31/08/2015 UNION GAS LIMITED	Utilities	30.60
8233	31/08/2015 WORKPLACE SAFETY & INS. BOARD	Workers Comp.	5,814.57
8234	31/08/2015 BELL MOBILITY CELLULAR	Telephone	16.95

TOTAL INTERNET DISBURSEMENTS - BANK NO. 1 -

467,719.21

PAYROLL RUNS FROM OCTOBER 2014

PAYROLL NO. 12	\$	65,880.87
PAYROLL NO. 13	\$	70,120.43
PAYROLL NO. 14	\$	86,940.88
PAYROLL NO. 15	\$	70,513.18
PAYROLL NO. 16	\$	71,716.85
PAYROLL NO. 17	\$	70,577.86

TOTAL PAYROLL RUNS - APRIL AND MAY 2015

435,750.07

TOTAL DISBURSEMENTS - APRIL AND MAY 2015

1,663,463.49

**2015 GENERAL LEVY SUMMARY
AS OF Aug 31 2015**

**GLYSUM2015
Sarah Kellestine
31-Aug-15**

MUNICIPALITY	GROSS LEVY	PAID TO DATE	OUTSTANDING
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Sarnia	\$ 278,903.00	\$ 139,451.50	\$ 139,451.50
Chatham-Kent	93,268.00		93,268.00
Brooke-Alvinston Twp.	11,138.00	11,138.00	0.00
Dawn Euphemia Twp.	17,184.00	8,592.00	8,592.00
Enniskillen Twp.	12,137.00	12,137.00	0.00
Lambton Shores M.	34,404.00	34,404.00	0.00
Oil Springs V	1,394.00	1,394.00	0.00
Petrolia T	17,104.00	17,104.00	0.00
Plympton-Wyoming T	35,576.00	17,788.00	17,788.00
Point Edward V	16,819.00	16,819.00	0.00
St. Clair Twp.	76,733.00	76,733.00	0.00
Warwick Twp.	14,140.00	14,140.00	0.00
Adelaide Metcalfe Twp.	11,706.00	5,853.00	5,853.00
Middlesex Centre Twp.	14,564.00	14,564.00	0.00
Newbury V	1,066.00	1,066.00	0.00
Southwest Middlesex M.	7,882.00	7,882.00	0.00
Strathroy-Caradoc M.	57,435.00	57,435.00	0.00
TOTAL	\$ 701,453.00	\$ 436,500.50	\$ 264,952.50
	=====	=====	=====

Proposed St. Clair Region Conservation Authority 2016 Operation Budget Summary - Sept. 1, 2015

12.(iv)

	2015 Budget	2016 Proposed Budget	Provincial Grant	Provincial Grant Reserves	Other Grant/Program Funds	Matching Levy	Non Matching Levy	Special Levy	Revenues	Reserves
Flood Control Operations & Maintenance	\$ 568,950	\$ 635,732	\$ 246,500		\$ 11,000	\$ 200,500	\$ -	\$ 41,000	\$ 126,350	\$ 10,382
Erosion Control Operations & Maintenance	\$ 41,000	\$ 41,000	\$ 20,500			\$ 20,500				
WECl Capital Projects	\$ 320,000	\$ 171,100			\$ 119,500				\$ 51,600	
Source Protection Planning	\$ 175,000	\$ 175,000			\$ 175,000					
Planning and Regulations	\$ 427,600	\$ 457,436	\$ 15,000			\$ 15,000	\$ 93,130	\$ 45,000	\$ 70,000	\$ 219,306
TS - Hazard & Flood Information Management	\$ 12,000	\$ 16,255	\$ 4,500		\$ -	\$ 4,500	\$ 7,255			
TS - Lake Huron Shoreline Plan	\$ -	\$ 60,000						\$ 30,000		\$ 30,000
TS - Aquatic systems monitoring	\$ 173,800	\$ 186,368	\$ -		\$ 5,000		\$ 33,000		\$ 148,368	
TS - Healthy Watershed	\$ 28,100				\$ -					
AOC Management	\$ 110,000	\$ 110,000			\$ 110,000					
Conservation Services/Healthy Watershed	\$ 895,327	\$ 457,650			\$ 107,000				\$ 293,000	\$ 57,650
MNR Species At Risk	\$ 126,000	\$ 126,000			\$ 126,000				\$ -	
Recreation	\$ 1,099,700	\$ 1,163,620			\$ 3,000		\$ 13,390	\$ 68,530	\$ 1,078,700	\$ -
CA Capital Development	\$ 140,000	\$ 104,000							\$ -	\$ 104,000
Property Management	\$ 273,000	\$ 285,500							\$ 285,500	
Communication and Education	\$ 210,900	\$ 215,900			\$ 11,500		\$ 81,000		\$ 123,400	\$ -
IT Capital	\$ 19,200	\$ 19,200							\$ 19,200	
Equipment	\$ 72,000	\$ 72,000							\$ 72,000	
Legal	\$ 1,000	\$ 1,000	\$ 500			\$ 500				
Administration	\$ 842,940	\$ 855,141	\$ 23,000		\$ 6,000	\$ 69,000	\$ 200,645	\$ -	\$ 388,946	\$ 167,550
Total CA Budget	\$ 5,536,517	\$ 5,152,902	\$ 310,000	\$ -	\$ 674,000	\$ 310,000	\$ 428,420	\$ 184,530	\$ 2,657,064	\$ 588,888
Employment Programs	\$ 220,000	\$ 75,000				\$ -	\$ -	\$ -	\$ 75,000	\$ -
Stewardship Programs	\$ 150,000	\$ -				\$ -	\$ -	\$ -	\$ -	\$ -
Total 2015 Proposed Budget	\$ 5,906,517	\$ 5,227,902	\$ 310,000	\$ -	\$ 674,000	\$ 310,000	\$ 428,420	\$ 184,530	\$ 2,732,064	\$ 588,888

* Detailed budgets of each project / program are available upon request

	2015	2016	% Increase
Base	701,455	738,420	5.27%
Plus Spec Levy	45,000	45,000	0.00%
	<u>746,455</u>	<u>783,420</u>	4.95%
	36,965	11.8%	

Municipal Funding Summary

Municipality	2015			2016		2014/2015 Increase or (Decrease)	3D Mapping	2016				2015			General		General	
	2014 CVA Apport.%	2015 CVA Apport.%	2013/2014 Increase or (Decrease)	General Levy	Proposed General Levy			Flood Control Oper/Maint	Erosion Control Oper/Maint	Recreation	Capital Development	Total Municipal Funding	Total Municipal Funding	Change	Change CVA Increase or (Decrease)	Percentage	Increase from Budget	Percentage
Adelaide Metcalfe Tp	1.6777%	1.6688%	-0.0089%	\$ 11,055	\$ 12,323	\$ 1,268	\$ 751					\$13,074	\$11,810	10.70%	\$ 1,113	10.07%	\$ 154	1.40%
Brooke-Alvinston Tp	1.5786%	1.5879%	0.0093%	\$ 10,402	\$ 11,725	\$ 1,323	\$ 715					\$12,440	\$11,112	11.95%	\$ 498	4.79%	\$ 825	7.94%
Chatham-Kent M	13.2456%	13.2964%	0.0508%	\$ 87,280	\$ 98,183	\$ 10,903	\$ 5,983	\$39,000	\$1,500	\$11,950		\$156,617	\$144,490	8.39%	-\$ 2,018	-2.31%	\$ 12,921	14.80%
Dawn-Euphemia Tp	2.4448%	2.4498%	0.0050%	\$ 16,110	\$ 18,090	\$ 1,980	\$ 1,102			\$9,900		\$29,092	\$24,295	19.75%	\$ 1,365	8.47%	\$ 615	3.82%
Enniskillen Tp	1.7198%	1.7303%	0.0105%	\$ 11,332	\$ 12,777	\$ 1,445	\$ 779					\$13,556	\$12,106	11.97%	\$ 345	3.04%	\$ 1,099	9.70%
Lambton Shores M	4.8604%	4.9046%	0.0442%	\$ 32,027	\$ 36,217	\$ 4,190	\$ 2,207			\$500		\$38,924	\$36,314	7.19%	\$ 1,712	5.35%	\$ 2,478	7.74%
Middlesex Centre M	2.0592%	2.0763%	0.0171%	\$ 13,569	\$ 15,332	\$ 1,763	\$ 934			\$1,300		\$17,566	\$15,795	11.21%	\$ 1,120	8.25%	\$ 643	4.74%
Newbury V	0.1571%	0.1520%	-0.0051%	\$ 1,035	\$ 1,122	\$ 87	\$ 68					\$1,191	\$1,106	7.68%	\$ 52	5.01%	\$ 35	3.42%
Oil Springs V	0.2017%	0.1988%	-0.0029%	\$ 1,329	\$ 1,468	\$ 139	\$ 89					\$1,557	\$1,420	9.69%	\$ 14	1.05%	\$ 125	9.41%
Petrolia T	2.4151%	2.4383%	0.0232%	\$ 15,914	\$ 18,005	\$ 2,091	\$ 1,097			\$900		\$20,002	\$17,901	11.74%	-\$ 646	-4.06%	\$ 2,737	17.20%
Plympton-Wyoming T	5.0158%	5.0718%	0.0560%	\$ 33,051	\$ 37,451	\$ 4,400	\$ 2,282			\$11,610		\$51,343	\$46,288	10.92%	\$ 1,685	5.10%	\$ 2,716	8.22%
Point Edward V	2.3980%	2.3978%	-0.0002%	\$ 15,801	\$ 17,706	\$ 1,905	\$ 1,079		\$2,000			\$20,785	\$18,880	10.09%	-\$ 154	-0.97%	\$ 2,058	13.03%
Sarnia C	39.8381%	39.7606%	-0.0775%	\$ 262,507	\$ 293,600	\$ 31,093	\$ 17,892		\$15,000	\$9,000		\$335,492	\$303,984	10.37%	-\$ 10,376	-3.95%	\$ 41,469	15.80%
Southwest Middlesex M	1.1235%	1.1237%	0.0002%	\$ 7,403	\$ 8,298	\$ 894	\$ 506					\$8,803	\$7,909	11.31%	\$ 600	8.11%	\$ 294	3.97%
St. Clair Tp	11.1080%	10.9391%	-0.1689%	\$ 73,194	\$ 80,777	\$ 7,582	\$ 4,923	\$2,000	\$1,000			\$88,699	\$241,193	-63.22%	\$ 2,420	3.31%	\$ 5,162	7.05%
Strathroy - Caradoc Tp	8.1475%	8.1880%	0.0405%	\$ 53,687	\$ 60,462	\$ 6,775	\$ 3,685		\$1,000	\$23,370		\$88,516	\$78,453	12.83%	\$ 1,963	3.66%	\$ 4,812	8.96%
Warwick Tp	2.0091%	2.0158%	0.0067%	\$ 13,239	\$ 14,885	\$ 1,646	\$ 907					\$15,792	\$14,143	11.66%	\$ 307	2.32%	\$ 1,339	10.12%
				\$658,935	\$ 738,420	\$ 79,485	\$45,000	\$41,000	\$20,500	\$68,530	\$0	\$913,450	\$987,200	-7.47%	\$ 0	0.00%	\$ 79,485	12.06%

Prepared By: Tracy Prince
September 2, 2015

ST CLAIR REGION CONSERVATION AUTHORITY
Statement of Revenue and Expenditure
For the Six Months Ended 30/06/2015

	Actual To Date			Annual Budget		Proposed 2016
	Revenue	Expenditures	Surplus(Deficit)	Revenue	Expenditures	Expenditures
Flood Control & Erosion Control	\$350,465	\$253,677	\$96,788	\$598,950	\$598,950	\$676,732
Capital Projects/WECI	\$1,048,764	\$870,831	\$177,933	\$337,500	\$337,500	\$171,066
Conservation Area's Capital Development	\$101,243	\$114,975	(\$13,732)	\$137,000	\$137,000	\$104,000
IT Capital	\$9,672	\$455	\$9,217	\$19,200	\$19,200	\$19,200
Equipment	\$39,450	\$0	\$39,450	\$72,000	\$72,000	\$72,000
Planning & Regulations	\$311,411	\$173,934	\$137,478	\$421,600	\$427,600	\$477,436
Technical Studies	\$307,553	\$116,483	\$191,069	\$213,900	\$213,900	\$262,623
Recreation	\$927,633	\$559,564	\$368,069	\$1,099,700	\$1,196,700	\$1,163,620
Property Management	\$154,499	\$138,320	\$16,179	\$273,000	\$273,000	\$285,500
Education and Communication	\$88,547	\$95,169	(\$6,622)	\$210,900	\$210,900	\$215,900
Source Water Protection	\$62,737	\$104,672	(\$41,936)	\$200,000	\$200,000	\$175,000
Conservation Services/Healthy Watersheds	\$678,785	\$397,375	\$281,411	\$1,105,451	\$1,105,451	\$583,650
Administration/AOC Management	\$470,174	\$638,889	(\$168,715)	\$1,014,940	\$1,014,940	\$1,112,830
	\$4,550,934	\$3,464,345	\$1,086,590	\$5,704,141	\$5,807,141	\$5,319,557



St. Clair Region Conservation Authority

2016 Proposed Fees (Excl. Camping)

Draft

Note: All fees include applicable taxes and may be changed by resolution of the Board of Directors

CONSERVATION SERVICES FEES		2015	2016
Managed Forest Tax Incentive Program Plan Approvals			
Field Work / Forest Inventory		\$75.00/hr/person	\$75.00/hr/person
Plan Review & Approval Process (including site visit)		\$350.00/plan	\$350.00/plan
Plan Creation & Plan Approval			
Less than 20ac		\$500.00/plan	\$500.00/plan
20-40ac		\$650.00/plan	\$650.00/plan
Greater than 40ac		\$800.00/plan	\$800.00/plan
Timber Management			
Field Work / Site Visit		\$62.00/hr/person	\$62.00/hr/person
Timber Report Creation		\$150.00/person/field day	\$150.00/person/field day
Miscellaneous Fees			
Hunting - McKeough Properties Only (annual permit)		\$70.00	\$70.00
Trapping Permit		\$10.00	\$10.00
Drain Maintenance Program			
Spot spray application for vegetation control in drains		\$100.00/hr + chemical	\$100.00/hr + chemical
Tree Planting (Private Lands) These are guidelines, pricing is dependant on size and location			
Large Stock Program		Cost vary according to size and species	Cost vary according to size and species
Tree Seedlings		Cost vary according to size and species	Cost vary according to size and species
Seedling Tree Planting Services Machine planting:			
Up to 950 trees		\$1.00/tree	Remove this
Minimum charge for under 1000 trees		\$750.00/site	Remove this
500 - 999 trees		n/a	\$950/site
1000 – 1950 trees		\$0.92/tree	\$0.95/tree
2000 plus trees		\$0.80/tree	\$0.90/tree
Includes tree planting and initial herbicide application			
Coniferous planations			15% reduction
Seedling Tree Planting Services Hand planting:			
Refill planting up to 500 trees		\$750.00/site	\$750.00/site
500+ trees		\$1.50/tree	\$1.50/tree
Includes tree planting and initial herbicide application			
Herbicide Tending			
0 -1000 trees		\$270.00 /application	\$300.00 /application
1000+ trees -machine sprayer single herbicide		\$0.25/tree/application	\$0.30/tree/application
1000+ trees -back pack single herbicide		\$0.35/tree/application	\$0.40/tree/application
Tank Mixes multiple herbicides		\$0.40/tree/application	\$0.50/tree/application
Tree Species (Subject to Availability)			
Coniferous Trees	Native & Traditional Species - bareroot seedlings - 8 - 12 inches in height		
Deciduous Trees & Shrubs	Native & Traditional Species - bareroot seedlings - 12 - 18 inches in height		

St.Clair Region Conservation Authority 2015 Planning and Regulation Fees

PLANNING SERVICE FEES		2015			2016		
Technical Report Review and Background Data Collection/Provision							
Data Requests (plus tax)							
Minimum Base (includes up to 3 data sets) plus \$100.00 per data set***		\$300.00			\$300.00		
Report Review and Background Data Collection (non Environmental Assessment Act)		Natural Hazard	Natural Heritage ¹	Combined	Natural Hazard	Natural Heritage ¹	Combined
Minor (scoped)							
Scoped impact study and proposed mitigation measures– (ie. internal review of : floodline, coastal , hydrogeology, geotechnical, meander belt, wetland (scoped EIS/DAR))		\$300.00	\$300.00	\$500.00 (sum of two <\$100)	\$300.00	\$300.00	\$500.00 (sum of two <\$100)
Major							
Comprehensive impact study and proposed mitigation measures - (ie. floodline, coastal , geotechnical, hydrogeology, geotech, meander belt, full EIS/DAR)		\$500	\$2,000.00	\$2,400	\$500	\$2,000.00	\$2,400
Report review - external review		BOQ ² ie. Coastal or Geotech \$2,000.00 - 8,000.00	BOQ ² ie EIS \$2,000.00 -8,000.00	N/A	BOQ ² ie. Coastal or Geotech \$2,000.00 - 8,000.00	BOQ ² ie EIS \$2,000.00 -8,000.00	N/A
**Authority staff reserve the right to charge technical report review fees over the above noted fees for complex projects having potential significant impact. Costs will be related to multiple technical report reviews, multiple meetings, etc Director and GM to approve fee.							
***data sets - regulation limit mapping, ESA mapping & info, wetland mapping & info, benthic sampling data, water quality data, fish sampling data							
includes applicable adjacent lands							
² BOQ - based on quote							
GIS Services (plus tax)							
Technical Reports – Adobe digital (pdf) format on CD (if available)				\$55.00			\$55.00
Plotting Services				\$9.00/sq ft			\$9.00/sq ft
GIS Service Fees				\$90.00/hr			\$90.00/hr
Digital Aerial Photography (requires license agreement) per tile				\$55.00			\$55.00
Admin fee for digital data transfers				\$100.00			\$100.00
Municipal Planning Advisory Service Fees		Natural Hazard	Natural Heritage ¹	Combined	Natural Hazard	Natural Heritage ¹	Combined
Severance (per lot created)		\$200.00	\$300.00	\$300.00	\$200.00	\$300.00	\$300.00
Minor Variance		\$100.00	\$200.00 (site insp reqd)	\$200.00	\$100.00	\$200.00 (site insp reqd)	\$200.00
Zoning By Law Amendment		\$200.00	\$300.00	\$300.00	\$200.00	\$300.00	\$300.00
Official Plan Amendment							
Minor		\$200.00	\$300.00	\$300.00	\$200.00	\$300.00	\$300.00
Major - includes complex natural hazard and/or natural heritage issues involving multiple peer reviews		\$300.00	\$500.00	\$500.00	\$300.00	\$500.00	\$500.00
Draft Plan of Subdivision (condo)							
a) 2-4 Units				\$500.00			\$500.00
b) 5-15 Units				\$1,000.00			\$1,000.00
c) > 16 Units				\$2,500.00			\$2,500.00
Site Plans		\$200.00, 100.00 value < \$50,000	500.00, \$250.00 value < \$50,000	500.00, \$250.00 if value < \$50,000	\$200.00, 100.00 value < \$50,000	500.00, \$250.00 value < \$50,000	500.00, \$250.00 if value < \$50,000
Stormwater Management Plans				\$500.00			\$500.00
Site Inspection				\$100.00			\$100.00
Development Inquiry - fee reduced off Regs app (contingent on no change & within 2 year limit)							
Minor - 1 time interpretation of map/policies/1 bldg envelope plan presented		\$200.00	\$300.00	\$300.00	\$200.00	\$300.00	\$300.00
Major - includes more indepth analysis of options and/or peer consulting internal &/or external		\$300.00	\$500.00	\$500.00	\$300.00	\$500.00	\$500.00
Legal/Property inquiries (Information on regulations and/or natural heritage features for property transactions (ie lawyers, owners, purchasers or agents)				\$100.00			\$150.00
Site Assessment (ie Terrestrial/Aquatic Ecosystem Review) plus reporting (2 hrs min)				\$90/hr plus exp.			\$90/hr plus exp.

St. Clair Region Conservation Authority 2015 Planning and Regulation Fees

Ontario Regulation 171/06 Review Fees	2015	2016
Application		
Reg fee reduced by Development inquiry fee if applicable.		
MINOR* to cover site inspection, costs email clearances	\$150.00	\$150.00
STANDARD** Alter a regulated area, shoreline or watercourse (ie no engineering)	\$300.00	\$300.00
MAJOR*** Alter a regulated area, shoreline or watercourse (ie engineering required)	\$600.00	\$600.00
STANDARD Addition, accessory building, or reconstruct 500ft ² (46.5m ²) or less in size	\$300.00	\$300.00
STANDARD Construct primary building, addition, accessory buildings or reconstruct greater then 500ft ² (46.5m ²) in size	\$400.00	\$400.00
MAJOR Construct primary building, addition, accessory buildings or reconstruct greater then 500ft ² (46.5m ²) in size	\$800.00	\$800.00
Construct a structure or alter an area of interference of a wetland		
a) Major New, but a prohibition, very rarely rec'd, sig impact	\$800.00	\$800.00
b) Standard revised to keep consistent with policy, tech report, EIS review	\$500.00	\$500.00
c) Minor	\$100.00	\$100.00
Aggregate Resources Act review	\$2,000.00	\$2,000.00
Environmental Assessment Act (private proponent) - minor	\$2,000.00	\$2,000.00
- major	\$5,000.00	\$5,000.00
DART review - Minor	\$200.00	\$200.00
DART review - Major (wetland)	\$600.00	\$600.00
Hearing request fee when submission is in non-compliance with O. R. 171 and/or board approved policies		\$500.00
Other Fees		
Golf course development/realignment	\$600.00	\$600.00
Application renewal	\$50.00	\$50.00
Application revisions beyond 2 resubmissions provided checklist acknowledged and notification provided in writing if checklist provided	25% fee	25% fee
Pipeline or Utility directional drill under a watercourse	\$100.00/crossing	\$100.00/crossing
Review of applications where work has proceeded without authorization	100% surcharge	100% surcharge
Multi-lot or Multi Unit Development	\$400.00	\$400.00
*Minor- projects for which a letter/response is required from SCRCA. (e.g. is located in Regulated area, may require site visit, may affect the program or policy interests. Clearance required. Works that are considered minor in nature, identified by factors such as estimated project cost, location & potential degree of hazard ie. municipal road allowance work, nonindustrial docks that meet policy. Staff may use their discretion to reduce the DART fee to \$50 if the project value is less than \$500.		
**Standard - projects that meet SCRCA policies, routine technical analysis, may or may not require engineering		
***Major - projects that do not meet SCRCA policies, engineering often required. Not routine, requires CA/peer review engineering/ecological/fisheries review. May need review at Regs Committee +/-or Board of Directors		

ADMINISTRATION FEES	2015	2016
Administrative Fees negotiated by contract		
NSF Cheques	\$45.00	\$45.00
Processing Fee - Oil & Gas Long term		
a) Oil & Gas Long Term	\$340.00	\$340.00
b) Annual	\$550.00	\$550.00

EDUCATION FEES	2015/2016	2015/2016
Half Day Class/Student	\$4.50	\$4.50
Full Day Class/student	\$8.50	\$8.50
Minimum Charge for other programs	\$60.00	\$60.00
In Class program (without sponsors) first class	\$100.00	\$100.00
In Class program (without sponsors) second class same school	\$75.00	\$75.00

WATERSHED SERVICES TECHNICAL FEES	2015	2016
Technical Reports - Adobe digital (pdf) format on CD	\$20.00	\$50.00
Data and Information Requests		
a) HEC II, HYMO, Hyrdo Pak, Streamgauge, Precipitation, Meteorological or Flow Data	\$65.00	\$100.00
Additional cost for data or information collection in excess of	\$50.00/hr	\$50.00/hr
b) one hour		
c) Additional cost for CDs or printed reports	\$20.00	\$50.00

Staff Report

13.(i)



To: Board of Directors
Date: August 24, 2015
From: Rick Battson
Subject: Communications Progress Report

Conservation Education

With the Conservation Education Program about to launch into its season, a promotional flyer was produced highlighting the numerous programs available to students in both elementary and high schools. The flyers were distributed to each teacher in the region highlighting the 22 outdoor and 6 in-classroom programs offered that are free of charge as the costs for these programs are covered by sponsors.

Conservation Scholarships

Three scholarships were presented in July by Steve Arnold. The students (and parents) were all very appreciative.



Conservation Intern

The Conservation Foundation funded a new summer position to provide a wide range of experience to a university/college student currently enrolled in a conservation related field. This project allowed the Foundation to expand upon its commitment to conservation and youth as already exhibited through the conservation scholarship program. The student hired for this position did an excellent job and participated in all of the departments. He is returning to school to complete his last year in biology.



Lake St. Clair Conference

The Authority is participating as one of the organizers for the 2015 Binational Lake St. Clair Conference to be held on October 21 in Chatham. Registration is \$30.

Interpretive Signs

The SCRCA assisted St. Clair Township with the design of a number of interpretive signs for Brander Park. The signs helped to promote the importance of the region's natural heritage.



Coming Events

McKenzie and Blundy Memorial Forest

Dedication: Wawanosh Wetlands Conservation Area, September 20, 2:00 pm – Greetings will be provided by Steve Arnold

A Geocaching Adventure: Lorne C. Henderson Conservation Area, Sunday, September 20, 9:00 a.m. – 3:00 p.m.

St. Clair Region Conservation Foundation Memorial Forest Dedication: Lorne C. Henderson Conservation Area, September 27, 2:00 pm – Speakers – Duncan Skinner, president, St. Clair Region Conservation Foundation and Steve Arnold.

Chatham-Kent and Lambton Children's Water Festival, C.M. Wilson Conservation Area, Chatham, September 29 – October 1

The Sarnia Observer

Outdoor classroom includes garden ; EDUCATION: High school, elementary students combine forces

Mon Jun 29 2015

Page: A2

Section: News

Byline: CARL HNATYSHYN POSTMEDIA NETWORK

Illustrations: CARL HNATYSHYN/ POSTMEDIA NETWORK ; Alexander Mackenzie Secondary School teacher Ryan Hanly and Errol Road Public School teacher Sheila Ward stand with a group of green-thumbed students at Errol Road's new outdoor classroom. Alexander Mackenzie construction students helped create the new facility. ;

It's a classroom, a garden and a colourful monument to cooperation between elementary school students and their high school counterparts.

Located just outside of Errol Road School, a series of raised gardens surround a soon-to-be mosaic-tiled circular table, the product of the work of Errol Road Public School students and a group of 10 Alexander Mackenzie Secondary School construction students.

The recently completed garden/ outdoor classroom will allow elementary school students study botany and get their hands dirty while taking in science, social science and health education curriculums.

Errol Road French immersion teacher Sheila Ward and Alexander Mackenzie construction teacher Ryan Hanly were the driving forces behind the facility. The idea for the outdoor classroom was planted months ago when Errol Road's 65-student strong garden club decided to develop a small garden on school grounds.

"We started last year with a small garden plot," Ward said. "It was really one class that did it and we wanted to expand it for the whole school, from kindergarten to Grade 8. So we got the idea that we wanted to do a garden project...one simple, humble

garden turned into an entire project."

"But we couldn't build this kind of stuff, so that's where Ryan Hanly and his students came in," she said.

Hanly, himself an Errol Road School alumnus, connected with Ward through the school board and immediately thought the idea was terrific. In constructing the new garden/outdoor classroom, his students would gain invaluable experience and also get the opportunity to give back to the community, he said.

But to build the new facility, the construction team needed material. That's when a few community members decided to step up to the plate. Ken Maaten of Maaten Construction donated \$500 worth of lumber to the group, while the St. Clair Conservation Authority donated unused wood from some of its projects.

With materials in hand, secondary construction students completed the project in two days. Hanly was on hand to meet with some of Ward's students as they completed their final plantings in the garden.

"We took about two days to get everything prepared," Hanly said. "It was great, it was nice to see them interact with the

elementary school kids and they were quite proud of what they accomplished."

The elementary school students were thrilled with the finished product, Ward said.

"All these kids are ambassadors for the project," she said. "So when the high school kids were done installing the garden, as soon as the bell rang, all of them came running out to thank them. So it was a really nice connection."

The new garden will provide Errol Road School students with wonderful learning opportunities, Ward said. Each division in the school has their own plot -kindergarten, primary, junior and intermediate -allowing teachers to customize lessons to suit their students' particular level of learning.

"It's not a static garden, it's always changing," she said. "And so when the students are learning things in science class, they'll decide with their teachers what to put in the gardens to learn the science. So if it's part of a plant or ecosystems, they can study that in the garden."

With students starting their summer break, a group of high school students from St. Clair Secondary School's summer horticulture course will stop by daily to maintain the garden. And students from Northern Collegiate will be making the mosaic tile tabletop, which should be ready by September.

The project, much like the garden itself, is an ever-evolving thing.

"This is just the beginning," said Ward. "It's going to be fenced, there will be a

shed which will be a mobile classroom containing portable stools and clipboards and tools so that entire classrooms can come out here and get what they need. "We're really hoping to set a precedent for LKDSB because a lot of schools are doing gardens, but this is an outdoor classroom," she continued. "This is an extension of the classroom. It's not just to beautify, it's to grow food and learn."

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(<http://www.lambtonshield.com/>)


MENU

Conservation Authority hands out annual scholarships

Total of \$3,000 awarded to three students

By Editorial Staff (<http://www.lambtonshield.com/author/lambtonshield/>) | July 2, 2015 | Local News
(</category/local-news/>)



 Katia Huszka received the \$1,000 Mary Jo Arnold Conservation Scholarship, which is named for the late daughter of Steve Arnold (pictured), chair of the St. Clair Region Conservation Authority. Katia lives in Florence.

The St. Clair Region Conservation Authority has named the recipients of three scholarships that reward graduating high school students who plan to continue their academic studies in a conservation-related field.



(<http://1zkabgxps7w13roz0lqg1o87.wpengine.netdna-cdn.com/wp-content/uploads/2015/07/scholarship-2015-Henry-b.jpg>)

Dylan Henry will be studying Ecological Restoration at Fleming College.

The scholarships are based on academic achievement and the demonstrated interest of the applicants as well as their involvement with the environment.

Kyle Cornelisen from North Lambton Secondary School and Dylan Henry from St. Clair Secondary School were selected as recipients of the 2015 A.W. Campbell memorial Scholarships, receiving \$1,000 each. Kyle will be studying Applied Science in Agribusiness at the Ridgetown campus of the University of Guelph. Dylan will be studying Ecological Restoration at Fleming College.

Katie Huszka from Ursuline College (in Chatham) received the \$1,000 Marty Jo Arnold Conservation Scholarship. Katia plans to study Environment and Resource Studies at the University of Waterloo.



(<http://1zkabgxps7w13roz0lqg1o87.wpengine.netdna-cdn.com/wp-content/uploads/2015/07/scholarship-2015-Cornelissen-b.jpg>)

■ **EDUCATION:** Sarnia-Lambton students aided by conservation foundation

Conservation scholarships awarded

Observer Staff

A scholarship program offered by the St. Clair Region Conservation Foundation will help three students from Sarnia-Lambton head off to university and college in the fall.

A total of \$3,000 was awarded to the students from trust funds established by the foundation and its donors.

Scholarships are offered to graduating high school students who are going on to post-secondary studies in a conservation field. The students must live within the region served by the conservation authority, or have attended a school in the region.

Dylan Henry, from St. Clair Secondary School in Sarnia, and Kyle Cornelissen, who lives near Watford and attended North Lambton Secondary School in Forest, have received the 2015 A.W. Campbell Memorial Scholarships.

The scholarships are awarded in memory of Archibald Campbell who was born in 1888 and was a farmer and ardent conservationist near Alvinston.

Through his will, the Campbell farm was purchased by



**KYLE
CORNELISSEN**



**KATIA
HUSZKA**

the St. Clair Region Conservation Authority.

The scholarship in his memory, made possible by a donation to a trust fund by two individuals, awards up to two candidates annually with \$1,000.

A press release from the conservation authority said Dylan will be studying ecological restoration at Fleming College in Peterborough, and Cornelissen is attending the University of Guelph to study applied science in agribusiness.

Also awarded was a \$1,000 Mary Jo Arnold Conservation Scholarship to Katia Huszka, who lives in Florence and attended Ursuline College Catholic Secondary School in Chatham. She is studying environment and resource studies at the University of Waterloo.



HANDOUT/SARNIA OBSERVER

Dylan Henry, of Sarnia, left, receives a 2015 A.W. Campbell Memorial Scholarship from Steve Arnold, with the St. Clair Region Conservation Authority.

Arnold was a summer employee of the conservation authority who died in a car

accident in 2009. The scholarship to help young women pursue an education in conserva-

tion was established through donations from Arnold's family and friends.

LEASONS TO CELEBRATE

student receives conservation scholarship

Forest Standard July 9/15

...students continuing their post-secondary studies in a conservation-related field based on their academic achievement and their demonstrated interest and involvement with the environment. In total, \$3,000 was awarded across the St. Clair region this year.

Katia Huszka from Ursuline College received the \$1,000 Mary Jo Arnold Conservation Scholarship. Katia will be studying Environment and Resource Studies at the University of Waterloo.

The scholarships are made possible through trust funds established by the St. Clair Region Conservation Foundation and its donors.



NLSS graduate Kyle Cornelissen receives the 2015 A.W. Campbell Memorial Scholarship from Steve Arnold, Chair of the St. Clair Region Conservation Authority Board of Directors. Submitted photo

...Cornelissen, a North Lambton School, along with Henry from St. Clair, were secondary recipients of the scholarship.

A.W. Campbell Scholarships are awarded by the St. Clair Region Conservation Authority. The program will be applied Science at the University of Guelph, while Steve Arnold is studying Restoration at the University of Waterloo.

Conservation Scholarship rewards high school stu-

The Sarnia Observer

Mosquito larviciding underway ; DISEASE

Tue Jun 30 2015

Page: A2

Section: News

Byline: OBSERVER STAFF

Mosquito larvicide is being applied to catch basins across Lambton County to help reduce the local incidence of West Nile virus, public health officials say.

Surveillance by St. Clair Region Conservation Authority personnel has indicated the presence of mosquito larvae in catch basins across Lambton County, officials said.

To control the mosquito population and the insects' spread of West Nile disease, methoprene, a growth-regulator insecticide, is being placed in catch basins, Lambton Public Health officials said.

The application started Monday, officials said, and is expected to continue throughout the summer.

The public is asked to look out for workers treating catch basins. Vehicles will have yellow flashing lights on their roofs, West Nile virus signs, and "Makes Frequent Stops" caution signs.

Residents are also asked to remove standing water around their properties to eliminate potential mosquito breeding sites.

A dead crow tested positive for the virus earlier this month.

Less than 1% of people infected with the virus get seriously ill, health officials have said, and common symptoms include fever,

headache, skin rash or muscle ache.

For more information, call 519-383-3824.

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Suncor faces angry community after cutting rare trees in error

Heather Wright
The Independent

One of the members of a group monitoring the Cedar Point Wind Energy Centre construction is calling on the president of Suncor to explain the cutting of trees of a provincially significant woodlot.

Ed Vanderaa is on the Suncor's Community Liaison Committee (CLC) and has been an outspoken opponent of the project since the company started talking about the 46-turbines in Plympton-Wyoming and Lambton Shores. He was one of about 60 people who came out to a CLC meeting in Forest where the company was asked some tough questions about the incident.

The Ministry of the Environment and Climate Change is investigating after three woodlots were cut. Part of Suncor's original plans called

for the trees to come down, but those plans changed when the MOE declared part of the area provincially significant.

However the contractor working for Suncor got the wrong plans according to the company.

Santo Giorno of WAIT PW asked the officials why they didn't immediately report the damage to the ministry. "We were doing an investigation and we didn't think it needed to be reported," says Jocelyn Kelln of Suncor.

She says it wasn't clear exactly who cut what and how much should have been left standing initially. And the company "wanted to get it all determined before we provided self disclosure."

That didn't happen.

WAIT PW officials spotted the damage and made the call which triggered the investigation.

It was a bitter disappointment

for Sandra de Jong – a wind advocate who is also part of the committee.

"To me there is no excuse," says de Jong. "We're wind supporters – very strong supporters – I put my heart and soul into this. I'm really disappointed and I don't want this to happen again."

Vanderaa was outraged "four percent of our woodlot is gone," he said calling on the president of Suncor to answer for the destruction of the trees.

Meantime Suncor has taken measures to make sure this doesn't happen again and is waiting to hear from the local conservation authority of what it can do to restore the area.

In the meantime, the MOE continues its investigation and charges being laid are possible.

Lambton County is also investigating another incident in the area where sources say a landowner chopped down trees illegally.

Conservation Authority pleased with Suncor's plans to restore lost trees

By Eric Nixon

"We were very happy with the report," says Dallas Cundick. The Environmental Planner / Regulations Officer for the St. Clair Region Conservation Authority (SCRCA) says his agency has reviewed and approved the immediate remediation plans submitted by Stantec Consulting on behalf of Suncor Energy. Those plans lay out a three-stage effort to undo the damage that was done after contractors working for Suncor cut about 3,000 square metres of trees that were part of a provincially significant wetland.

The incident took place in late March just outside Forest as part of the construction of Suncor's Cedar Point Wind Power Project. Suncor says subcontractors working for the company mistakenly cut the trees as a result of using out-of-date plans that were drawn up before the status of the woodlot was changed in 2014.

As a result of the unauthorized cutting, the Ministry of Environment and Climate Change is conducting an investigation into whether charges should be laid for contravention of the Ontario Water Resources Act.

In addition, the SCRCA has been working with Suncor on a remediation plan to restore the site,

which involves immediate, short-term and long-term recommendations. "So far, we've just had some discussion on the immediate measures that should be implemented," says Cundick.

After reviewing those proposed measures, the SCRCA gave Suncor the go-ahead to tackle those issues as soon as possible. The goal of the immediate measures is to clean up and stabilize the site.

Suncor's contractors will remove tree trunks and limbs, spread up to 5 cm of mulch in the disturbed areas, maintain silt fencing adjacent to those areas, and cleanly cut stumps or trunks with broken or shred margins. Some of that work began about three weeks ago, with more detailed cleanup of trees, trunks and stumps starting last Friday.

Cundick says he's not sure of the timeline for when the immediate work would be completed, but estimated it could take several months.

The next stage will be the short-term work, which centres around planting and monitoring. This would involve protecting the existing seed bank and mature vegetation, planting locally sourced, native vegetation under the guidance of the SCRCA, monitoring and caring for planting, applying additional mitigation if indicated, and possibly adding habitat structures.

Cundick said the authority is waiting for Stantec to submit details on the short-term plans, which likely won't kick in until fall - or whenever is

deemed the best time for planting.

The anti-wind group WAIT-PW (We're Against Industrial Turbines Plympton-Wyoming) says the immediate remediation plans make sense, but the group has at least one concern with the short-term plans proposed by Stantec.

WAIT-PW spokesperson Santo Giorno says it was indicated at a public meeting in Forest last month that "the remaining tree stumps would be cleanly cut so that the roots can push out new growth." Giorno says, "This will work for some tree species, particularly softwoods, but the suckers produced will result in weaker growth for hardwoods and is not suitable for all the species."

The third and final stage in the restoration of the damaged area will involve ongoing monitoring for at least five years to ensure the remediation measures are working and the newly planted trees are established and will survive. Giorno says, "If Suncor engages Stantec to monitor and manage the entire process, I would feel some degree of comfort that it would be properly done."

As part of Stantec's role in preparing its remediation report, the company also did an impact assessment, noting the effect on woodlands and wetlands in the area where the cutting was done.

Cundick says, "There was no significant ground disturbance inside the natural features, so the hydrologic (water) function was not adversely affected. The ecological function, where

the trees were removed, there was some impact there, but it was considered minor."

Stantec noted in its report that "approximately 4% of the woodlot wildlife habitat in the project was removed" during the incident, which upset WAIT-PW.

Giorno says, "I would argue that the SCRCA's comment that 'no significant damage' was done may apply to normal woodlots, but not in this particular case. The impacted areas are part of a provincially significant wetland complex that has been assessed by the Ministry of Natural Resources and Forestry as being among the most valuable in Ontario."

Giorno also says the 4% figure quoted by Stantec is misleading. "This does not include a much larger edge area that is now more exposed to hot sun, drying winds and wind blown weed seeds. This is a serious injury to a fragile and rare ecosystem."

He also noted that, "Lambton County has only 11% tree cover, far below the recommended 30% required for a healthy environment. The unnecessary loss of any tree cover, especially in this type of ecosystem, is significant damage."

Cundick agrees, to a point. "Obviously, any damage is significant," he comments. Still, he is confident in Stantec's overall plan. "The short-term plan and the long-term plan to supplement that with additional planting should completely remediate the damage that was done," he comments.

One of the reasons the destruction was not as serious as it could have been is that there was no heavy equipment used to remove the trees. Cundick says the arborists who did the work did not disturb the ground and did not "grub" the trees (take them out by the roots). "That really kept the native seed stock in place. A lot of natural regeneration will create from the own existing woodlot - the local seeds that are already existing," he explains.

Although the remediation has begun, the MOECC continues to investigate the incident to determine whether charges should be laid against Suncor. However, other than confirming that the investigation is still ongoing, the ministry's Chief Corporate Spokesperson, Kate Jordan, would not comment on the open investigation - or how long it might take to complete.

"Investigations, similar to police investigations, are complex undertakings. Our officers are gathering evidence to determine if there is sufficient evidence to support charges and it's difficult to speculate on timeframes," says Jordan.

The SCRCA believes Suncor is sincere in trying to right the wrong they committed with the cutting. In fact, he says the company and the conservation authority have been in discussions about having Suncor help out with other area

tree replanting projects as a way of compensating for the loss of trees on the turbine project.

In the meantime, Cundick says the SCRCA is pleased with the plans submitted by Suncor and believes the damage that was done can be repaired. "Let's remediate it back to the existing condition or better. I think we're on the path to complete that," he comments.

Giorno hopes that's the case, but also says Suncor needs to prove they've learned their lesson and will work to prevent any future occurrences.

"This incident indicates a very basic failure in Suncor's systems. Suncor needs to accept this, review their processes and provide more than vague assurances that a mistake such as this will not reoccur," he says. "In my opinion, Suncor has damaged not only the wetlands, but also its reputation. That will require some remediation, as well."

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Forest Stn July 16/15

Funding cut leads to staff reduction

Fiddick's owner, union, say province needs to spend more on senior care

Heather Wright
The Independent

Both the union and the president of a local nursing home are calling for more funding for aging seniors, after the reorganization of a local home.

Fiddick's Nursing Home in Petrolia recently received word its funding from the provincial government is being reduced. A number of the home's registered practical nurses have had their hours reduced and three have chosen a layoff instead of reduced hours, according to the Christian Labour Association of Canada which represents the

140 workers at the home.

Personal support workers, who take care of the daily needs of the patients and are paid a lower wage, will take some of their work on.

Nursing homes across the province are funded based on how much patient care each resident needs. The higher the need, the higher the funding. The province calculates that once a year using a scale called the Case Mix Index or CMI.

Over the years, Fiddick's has had one of the highest CMI rates in the province. Last year, it was lower so its funding was reduced. The effect of that cut from the province is only now being felt.

"The hardest decisions I have to make is to reduce staff," says Fiddick who says he has the best staff and "my heart goes out to them" in this situation.

The problem with the funding system, says

Fiddick, is it is always a year behind. The money being provided this year reflects last year's resident needs. Now, as he has to reduce staff because of funding cuts, the needs have already increased.

"The problem is there is a one-year lag in the funding model," he says. "It should be more current... every six months."

And while Fiddick acknowledges the province moves very slowly when making decisions, he thinks six months is not unreasonable.

CLAC Regional Director Trish Douma says the reduction in this year's funding has been difficult; "Think of the turmoil in the employee's life."

The union, she says, has worked with Fiddick's to reorganize staff to make the cuts more manageable.

"I don't want to make light of the cutbacks," says

Fiddick "but they could be more significant."

"We'll have to tough it out to April 2016."

Douma says the situation at Fiddick's also underscores the need for more funding in the nursing home system.

Labour organizations have recently renewed their calls for the government to provide money for four hours of care per patient compared to the two-and-a-half they now receive.

Fiddick agrees. "I don't think the provincial government is focused on long-term care," he says.

"We need more funding for PSWs and Nursing staff... (the province's funding) hasn't kept up with the times or inflation. The old saying is true; the province is offering prisoners more per day than they are offering to seniors in nursing homes... it is a shame."

'No significant damage' done by Suncor

Heather Wright
The Independent

The St. Clair Region Conservation Authority says the logging of provincially significant wetlands by Suncor Energy near its Cedar Point wind farm caused "no significant damage" to the wetland.

That from Dallas Cundick, the environmental planning and regulations officer for the authority, who reviewed a report prepared by Suncor's consultant on the damage.

The Ministry of the Environment and Climate Change is investigating after three woodlots - approximately 3,000 square

metres - were cut. Part of Suncor's original plans called for the trees to come down, but those plans changed when the MOE declared part of the area provincially significant.

However, the contractor working for Suncor got the wrong plans according to the company.

The County of Lambton is also looking into the incident and officials from the anti-wind group WAIT-Plympton-Wyoming say a private landowner may have also taken some of the trees down.

The conservation authority is working with Suncor on a remediation plan. Cundick says the company has been

authorized to begin the initial cleanup of the site, which includes removing extra brush left behind.

"Right now, (Suncor) is cleaning up any of the cut-off stumps so they can resprout and regrow... they're cleaning up piles of mulch and wood so understory can regenerate itself," says Cundick.

"Getting it cleaned up is the first stage, then a replanting stage will have to be a second stage." Cundick says the details of where and how many trees will be replanted still have to be worked out.

He expects the work to be complete by the end of 2016 and then monitored for

several years to make sure the regrowth is happening.

Cundick says the conservation authority was most concerned about the hydrological function of the wetland - not the loss of trees. "It appears there has been minimal disturbance to the wetland and undergrowth... because of the location on the outside edges (of the wetland) and the way it was done."

He says arborists went in and cut down the trees instead of bulldozing them, which would have damaged the ground.

Cundick adds there was "no significant ground disturbance inside the natural feature."



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Historic hardware store celebrates 150 years Friday

Opinion

Automatic door reality because of community

EDITOR:

Many of you may have noticed the new automatic door opener on the back door of the Petrolia Library. This project could not have been accomplished without the help of many fine people and groups in our community.

First and foremost a huge thank you to the family of the late Marion Hardy for directing memorial donations to the project. Marion was a longtime patron and supporter of the Petrolia Library and we miss her. The kind and generous Petrolia Lions' and Petrolia Rotary also helped bring this project

to completion with considerable donations.

This automatic door opener has not only helped our Petrolia Library patrons with mobility issues but also our many parents and caregivers who arrive for programs and books with strollers, wagons and a whole parade of children in tow.

I think our teens are also happy that staff aren't constantly asking them to shut the door. This was an added bonus we hadn't anticipated!

It is amazing to see how such a seemingly small renovation has improved the accessibility of our

Petrolia Library for *everyone!*

Thanks also to Bourque Woodworks and Bomar Electrical for their fantastic work installing the automatic door opener. It is never an easy task to make new equipment work on a heritage building and they took great care to preserve the integrity of the architecture.

I invite everyone to stop by the Library and see this door in action. It truly was a community project for the whole community.

**Liz Welsh, Councillor
Town of Petrolia**

Suncor's response to tree cutting not good enough

EDITOR:

This is an open letter to Steven Williams CEO Suncor Energy Inc. The Cedar Point CLC received a response from Williams which read in part: *"I am well aware of this incident; its impact to the environment, and breach of the Renewable Energy Approval and assure you this error is not being overlooked. Any unauthorized clearing of trees is unacceptable and a serious breach of our own standards as well as those set in place to protect the environment."*

"As you heard during the last CLC meeting, we are working with the Conservation Authority to implement a remediation plan based on third party recommendations. The plan is currently under review by the Conservation Author-

ity, however the immediate remediation measures were approved by the Conservation Authority on June 22 and we will begin to implement these recommended actions as soon as possible.

"Immediate remediation measures include the removal of tree trunks/limbs that are being stored within the woodlot boundaries, the redistribution of mulch to help facilitate regrowth, and clean cutting of any remnant vegetation stumps/trunks with broken or shredded margins to enhance the possibility of re-sprouting."

"We will be updating the CLC with our plan moving forward, and will continue the discussion as we progress with the Cedar Point Wind Power Project."

We are greatly disappointed that Suncor has decided to ignore my request to

have a senior member of its management speak directly to the residents of Lambton County on the issues raised by this incident. This incident has shown a troubling level of incompetence or negligence. In a reply I received from Jim Provias, VP Renewable Energy, Suncor, he stated only to abide by the terms a remediation plan. This does not address the community's concerns, nor provide an apology, nor provide any assurances that this unacceptable level of management oversight will not reoccur and result in possible further adverse harm to this community.

In addition, Mr. Provias' response does not address the issue that three weeks after the incident occurred, Suncor still had not informed the Ministry of the Environment, or the

St. Clair Region Conservation Authority, that it was in breach of the contract terms, as clearly stated in its construction plan and its environmental impact study.

I would ask that you please reconsider and that either you, or Mr. Provias, speak directly to the community at our next public Community Liaison Committee meeting in August. To do otherwise will confirm the perception by Lambton County citizens, that Suncor does not take our concerns, or the Suncor Community Liaison Committee, seriously.

**Ed Vanderaa
Joe Zanyk
Joanne Moore
Cedar Point - Suncor
Community Liaison
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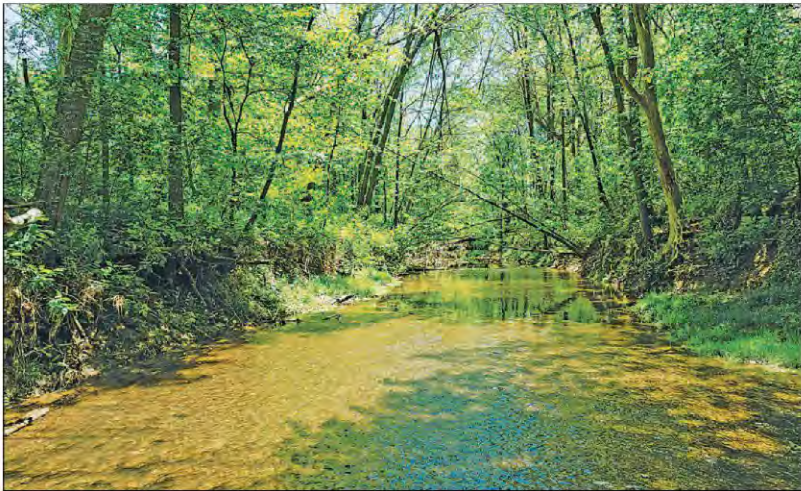
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AN UPPER TRIBUTARY of Perch Creek runs through the protected area. **GLENN OGILVIE, The Journal**



A TRAIL AT PERCH CREEK rutted in spring by illegal ATV use. **GLENN OGILVIE, The Journal**

Perch Creek's urban wildlife

CONSERVATION AUTHORITY CRACKING DOWN ON ATVs AND UNLEASHED DOGS

JOURNAL STAFF

The Perch Creek Habitat Management Area is 200 acres of Sarnia filled with

meadows, forest and wetlands all linked together with five kilometres of hiking trails.

The place is home to foxes and deer, coyotes and countless songbirds, and even the occasional beaver.

St. Clair Region Conservation Authority, so the authority is cracking down.

All-terrain vehicles are prohibited in conservation areas but they are tearing up and eroding trails. Horses' hooves and dogs running off-leash are also impacting the wildlife and habitat the authority is entrusted to protect, said Kevin Baker, director of lands.

"We are going to come down hard on people," he told The Journal.

"Our staff will be enforcing the rules and regulations stringently, and anyone caught will be dealt with according to the

(Conservation Authorities Act). This might make some people unhappy but that's what we're going to have to do."

Riders running ATVs on public land is a perennial problem that's less pronounced

at Perch Creek this year than some other places, such as the W. Darcy McKeough Floodway near Sombra.

Blocking off access points and better signage has helped, Baker said.

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Local



FALL COLOURS in an open meadow at Perch Creek.



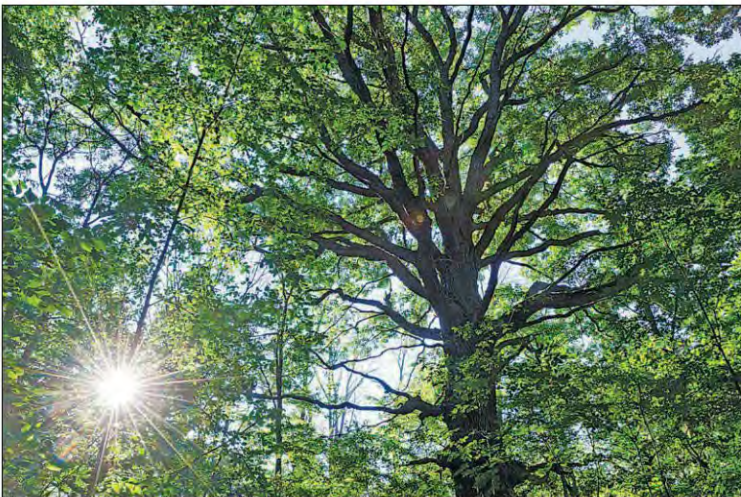
LEFT: Summer sunlight breaks through the leaves in a wooded area at the Perch Creek Habitat Management Area.

TOP: A crayfish pokes his head from a burrow.

MIDDLE: A leopard frog hops across a trail at Perch Creek.

BOTTOM: This massive snapping turtle was found wandering across a trail.

PHOTOS BY GLENN OGILVIE
THE JOURNAL



"But it's day to day. All it takes is just one or two getting in there." There are also plans to repair some of the trail damage done earlier at Perch Creek, he added.

"We are definitely going to start cracking down ... and ensuring people are using our properties the way they were meant to be used." The Perch Creek Habitat Man-

agement Area is located at 1892 Churchill Line, just east of Blackwell Sideroad, where there is a small parking lot, signage and trail map.

Kathleen L. Schneider, M.C.I.Sc., Au.D.
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Warwick Conservation Area Wood Carvings

Warwick Conservation Area has recently added a new attraction. Award-winning artist Robin Deruchie has been busy in the park creating wood carvings for visitors to enjoy.

Robin says that his passion for art began at age nine. Inspired by nature and wildlife, he painted his first acrylic painting of a tiger and his artistic talent became evident. For the past 12 years, he has been making animals, caricatures, peoples' faces and other miscellaneous things by custom order. He has also created functional art carvings that are accented with a table, bench or even a lamp pole.

Though Wolf Creek Carvings first opened in the Kingston, Ontario area, the business has been working out of Petrolia, Ontario for the last six years.

Robin uses several tools to create carvings, though his tools of choice are primarily chainsaws. Sometimes he uses angle grinders to shape and die grinders for finer details. He also uses deep burn techniques, oil paint washes and natural spar finish for finishing touches, like feathers and fur.

One of Robin's pieces is going to be featured in the magazine "Wood Carvings Illustrated." He competed and won awards at the Canadian National Wildfowl Carving Championship held at Bingeman Park during the Kitchener-Waterloo Wood Show in March 2011. Robin also did demos at the Warkworth Fall Fair in 2014.

"With this amazing talent of his, Robin is beautifully preserving nature and trees!" Warwick Conservation Area

Guide Advocate

Continued on Page 15



This is a carving that is being featured in *Wood Carving Illustrated* magazine.
All photos submitted

Editorial

GUEST COLUMNIST:

First Nations and the vote

The Assembly of First Nations (AFN) is encouraging First Nations to get out and vote because it believes Native people can influence up to 51 ridings in this federal election.

First Nations issues do matter, and the only way to do something about it is to vote MPs out of office if they won't do their job.

Canadians will not stand for violence as a way to achieve objectives. Whoever gets in, First Nations people are prepared to work with the governing party.

Members of Parliament who think First Nations issues don't matter may be in for a rude awakening. In a democracy, the people decide who governs. The only way to make your voice count is to the vote. You will need two pieces of identification.

First Nations across Canada are very interested in closing the gap between themselves and the wider Canadian public. We, as Native people, will be paying close attention to what politicians say during this campaign. We need funding for job training, for access to potable water, housing, and investment in education.

According to the United Nations human development index, Canada is rated sixth, while the Indian reservation system is 63rd.

First Nations need to be properly involved in issues that involve them, and communication is key if we are all to move ahead.

Statements by Justin Trudeau of the Liberal Party and Thomas Mulcair of the New Democratic Party have



Michael Eshkibok

been well received in the Native community. They support a national inquiry for Canada's

missing and murdered Aboriginal women, and the action plan of the Truth and Reconciliation Commission on Native children who died in the Indian residential school system. When Conservative Prime Minister Stephen Harper and Aboriginal Affairs Minister Bernard Valcourt did nothing to build a relationship with First Nations people and their government based on respect, they risked paying at the polls.

Canadians are upset about this massive racial injustice, as they should be.

First Nations have historically voted in low numbers, and there are reasons. They include not having the right to vote until 1961, marginalization, the lack of sense of entitlement, and poverty. Many First Nations don't vote because they believe it won't affect their daily lives, and that governments can exact revenge if they don't like how they voted. Many Mohawk people, for example, believe in minding their own business and their own Two Row Wampum belief system.

But First Nations could be an effective voting block, if they want it, and affect real change in the Canadian political system.

Michael Eshkibok is a freelance journalist in Sarnia who holds a Doctorate in Communications.



THIS STRETCH OF Bright's Grove shoreline, looking east from the foot of Kenwick Street, is in danger of collapsing in a major storm, engineers warn. As Lake Huron water levels increase so does the need for expensive shoreline protection.

GLENN OGILVIE, The Journal

One finger in a leaky dike

Growing up I was fond of the story of the Little Dutch Boy, who was walking home from school one day and spotted water leaking from a small hole in a dike.

Sticking his finger in the hole until the big people could arrive, he stopped the trickle from becoming a stream and the stream from becoming flood and saved his country from destruction.

The lesson? Think quick and even those with limited strength and resources can avert disaster.

Sarnia has yet to come to grips with its own leaking dike, and, sad to say, it's a predicament that could make the cost of restoring Centennial look like a walk in the park.

Parts of the shoreline



GEORGE MATHEWSON

in Bright's Grove are in such poor repair there is a growing risk the next big Lake Huron storm could wash away sections of land. But fixing it will take big dollars, as in the tens of millions.

One of the more vulnerable areas is Old Lakeshore Road between Helen and Kenwick streets, near Bright's Grove public school.

Most of the seawall holding the lake back along that 660-metre stretch is shot or leaning, and all of the groynes in the water, which are designed to hold the beach in place, should be replaced immediately, according to

an engineering report commissioned by the St. Clair Region Conservation Authority.

The report isn't new. It was shelved in draft form for lack of money in 2012 when water levels were low and the risk seemed remote.

But Lake Huron is on the rise and those in the know are getting worried.

Historically, Sarnia's shoreline protection projects have been funded 50/50 with the Conservation Authority. But the Authority's applications for government assistance the past two years were turned down, leaving the city with its finger in the dike.

A surprise storm that ruined Halloween for trick-or-treaters last October was also a rude awakening for many lakefront proper-

ty owners.

Surging waters uprooted and hauled off trees, damaged decks and swept away lawn chairs. And a large chunk of public shoreline collapsed into the lake and disappeared near the mouth of the Cull Drain after waves breached and ripped out the rusty seawall.

"It's pretty bad," conceded city engineer Andre Morin, who is preparing a report on the failing shoreline for city council this fall.

"We're struggling with this. What are the worst areas? And what do we have to do immediately so we don't lose more road and infrastructure?"

Unfortunately, those are multi-million dollar questions for a cash-strapped city already struggling to balance the books.

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Passing the Torch

Tough job of implementing the Clean Water Act, 2006 is now handed over to Ontario's municipalities

This year marks the 15th anniversary of the Walkerton drinking water tragedy – a black mark in Ontario's environmental protection history that caused the death of seven people and significant health problems for thousands more when a municipal drinking water supply was contaminated with e-coli.

In addition, 2015 also promises to be the year that the most important recommendations from the public inquiry into the tragedy, the source protection program under the *Clean Water Act, 2006* (the CWA or the Act), are, finally, fully implemented. Many consider it the ultimate slow-motion regulatory roll-out. But, by the end of 2015, Ontario is scheduled to have in place legally enforceable Source Protection Plans (SPPs) to protect more than 450 municipal drinking water systems across the province – a groundbreaking accomplishment.

Following approval of the SPPs, much of the hard work of implementation will be handed over to municipalities. Part IV of the Act gives municipalities the challenging task of implementing and enforcing the environmental protection restrictions and prohibitions that will flow from SPPs. This article outlines the scope of these challenges and offers guidance to meet them head on.

The First Nine Years – Creating Source Protection Plans

The nine-year incubation period for the SPP initiative was built around three procedural milestones to identify and address threats to drinking water quantity and quality at the watershed level. The first step gave conservation authorities the role of source protection authorities

and required them to establish source protection committees (SPCs) in each of the 19 source protection areas/regions. The SPCs include municipal representatives, agricultural representatives, environmental and public interest stakeholders, business and industry, landowners, and the public at large. In some SPCs, representatives from the First Nations are present.

The second step required the SPCs to produce an assessment report that identifies drinking water threats (including threats to Great Lakes targets). There are several approaches under the CWA to identify drinking water threats (e.g., threats-based approach, issues-based approach, event-based approach, and local threats). For the threats-based approach, SPCs mapped all municipal water intake protection zones (IPZs) and wellhead protection areas (WHPAs) and assigned them vulnerability scores from two to 10, as set out in the technical rules under the Act. Then, using a list of 21 "prescribed drinking water threats" from the CWA regulation, they assigned hazard ratings from zero to 10 to each activity. The technical rules then call for the hazard rating and vulnerability scores to be multiplied. If the total is between 80 and 100, the risk is deemed "significant"; if it is between 60 and 79, it is considered "moderate"; and if it is between 40 and 59, it is deemed to be "low." The assessment report's regulatory requirements and technical rules have little room for local flexibility, since the provincially-established vulnerability scores and hazard ratings essentially dictate whether an activity will be deemed a significant, medium, or low threat.

The third step, the development of SPPs, builds on the scientific and technical

assessment of risk in the assessment reports. The objective of the SPPs is to reduce or eliminate significant threats and address moderate or low threats so that they do not become significant.

Implementation: Municipalities Get the Heavy Lifting

Once SPPs are approved, the provisions of the Act suddenly and dramatically usher municipalities to the front line. Part IV of the CWA sets out the enforcement responsibilities and, in most cases, municipalities are assigned a primary role.

While arguably a natural extension of their responsibility for both municipal drinking water systems and land use planning, overseeing the implementation and enforcement of SPPs comes with significant additional responsibilities. First, once the SPPs are approved and in effect, municipalities must ensure that their official plans, by-laws, and other



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Municipalities will have ground-breaking power to enforce prohibitions on specific land uses ... in vulnerable areas where the SPP deems them a significant threat to source water.

planning decisions conform with the significant threat policies and Great Lakes policies (if any), and also have regard to moderate and low threat policies.

Second, Part IV of the Act introduces the following three new areas of responsibilities for municipalities to administer.

Prohibitions under section 57 –

Municipalities will have ground-breaking power to enforce prohibitions on specific land uses – including existing, otherwise legally-operating, long-standing businesses – in vulnerable areas where the SPP deems them a significant threat to source water. Shutting down existing businesses that are zoned and otherwise approved to operate in a particular location is a powerful, seemingly draconian measure. It is likely for this reason that the regulations make it clear that the prohibition of an existing use may only be used as a last resort where no other less impactful method is adequate to address the risk. For existing activities, the SPP can set a date for phasing out the activity; but, it cannot be less than 180 days after the SPP comes

into effect. For new proposed activities, the prohibition has immediate effect.

Risk management plans under section 58 – RMPs are negotiated documents that establish site-specific terms and conditions to mitigate the significant threat(s) identified on the property. If a policy under section 58 applies to an activity, a person cannot engage in that activity unless they have an RMP. The CWA establishes a collaborative approach to the design of RMPs; but, if negotiations fail to produce an adequate RMP, one can be imposed through an order from the risk management official, as discussed below. RMPs can include requirements to remediate conditions that exacerbate the threat posed by an action, and can also require financial assurances. An RMP cannot be transferred without the consent of an RMO; and, if the RMP is not complied with, the person engaged in the threat activity can be subject to notices, orders, and prosecution.

Restricted land use policies under section 59 – These policies support either

RMPs under section 58 or prohibition of activities under section 57 by ensuring that activities in the designated area are assessed for compliance with these policies before the municipality issues a building permit or planning approval (e.g., official plan or zoning amendments or plans of subdivisions). The SPP must specifically identify the policies to which section 59 applies.

The Act also creates two new types of municipal officials to exercise these new municipal powers: a risk management official (RMO) whose responsibilities include negotiating or establishing RMPs; and a risk management inspector (RMI) to inspect and enforce the RMPs.

Challenges for Municipalities

For municipalities, the new responsibilities will bring with them a number of challenges.

Technical expertise

The RMO and RMI positions are new to municipalities. Many municipalities are choosing to add these additional



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responsibilities to existing full-time positions. Others have rationalized the appointment of a new, dedicated, full-time position. In all cases, there is a considerable amount of capacity building required within the municipality to administer and deliver the required duties. The positions require a specialized set of skills and competencies. The Ministry of the Environment and Climate Change has developed a mandatory five-day training program that all RMOs and RMIs must complete to comply with the CWA. Additionally, RMOs and RMIs must be officially appointed by their respective councils.

Legal expertise

The new responsibilities imposed on municipalities also come with a new set of legal challenges. There are at least three areas where legal services might need to be enlisted. First, the negotiation and development of RMPs for complex industrial development activities will very likely see the involvement of lawyers on the other side of the negotiating table. Second, the CWA allows individual property owners to appeal RMPs and orders to the Environmental Review Tribunal (ERT); and the tribunal has the power to confirm, alter, or revoke the decisions of the RMO or RMI. Municipalities will require legal services to defend decisions on RMPs that are appealed to the ERT. Third, anytime a

government decision maker takes an action that affects the rights, privileges, or interests of an individual, they are susceptible to an application to Divisional Court for a judicial review of the legality, reasonableness, and fairness of the decision. Accordingly, to minimize issues and disputes, municipalities may want to consult with legal counsel early in the overall process.

Funding

Funding source water protection has been a challenge from the beginning. Provincial funding has been reduced in the last number of years, forcing municipalities to cover the administrative costs of the program. The CWA enables municipalities to charge fees for services associated with the program (similar to provisions under the *Building Code Act*); however, many municipalities are sensitive to burdening their constituents with additional fees. Some municipalities are considering imposing charges for new developments only, while others are covering entire program costs through their water rates. Consultation with a municipal finance specialist could assist municipalities in identifying financing options.

Other challenges

The source protection program has introduced a number of implementation challenges for municipalities. One challenge arises from the reality that the

source protection program is designed on a watershed basis, and watersheds do not align with jurisdictional boundaries. This means that some municipalities will have to conform to more than one SPP. This can add complexity to the work of planning departments, who will need to consider the planning decisions in the context of multiple SPPs and policy areas. Second, if vulnerable areas requiring protection extend from one municipality into another, there will be a need for collaborative efforts, as one municipality is effectively relying on a neighbouring municipality to protect its water supply.

A second set of practical challenges arises from the somewhat daunting roles and responsibilities given over to the newly-minted RMOs. The process of developing risk management plans, including the negotiation of RMPs with existing owners/operators, is a new responsibility for municipalities. The onus is on the person engaged in the activity to prepare the RMP for review by the RMO. In many cases, the owner/operator may not know how to prepare an RMP. Affected parties will need clear guidance and direction to understand the expectations of the municipality. Further, the *Clean Water Act, 2006* includes a provision whereby the owner/operator can simply ask the RMO to prepare the RMP on their behalf. This provision could translate into a significant burden

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to staff in municipalities that have several hundred RMPs to complete.

Finally, the RMO must weigh in on the building permit process and the planning approval process to confirm compliance with the policies in the SPP. This may be easier said than done, particularly during the planning approval stage for a new development, when even the developer may not know the ultimate activities and circumstances that will take place on the site.

Challenges for business, industry, and agriculture sectors

Although SPPs were developed through multi-stakeholder committees with business, industry, and agricultural sector representation, the implementation phase has focused these communities on the potential new financial risks and costs. Municipalities can expect that their local businesses and industries will look to them to answer questions about what this new regulatory program means on the ground. Given this, an effective communication and education outreach program to potentially impacted businesses would seem essential to successful implementation of the source water protection program.

Conclusion

The rubber is finally ready to hit the road on Ontario's ground-breaking new regulatory program to protect its sources of municipal drinking water. The province is about to pass the torch over to municipalities, to take command of implementation and enforcement – the most difficult part of an uncharted journey.

Having said that, Ontario municipalities now have a better understanding of the threats to their drinking water supply and the tools to protect it. The implementation phase will now require careful planning, resource management, and collaboration not only with the provincial government, but also amongst municipalities to share information, expertise, and experiences.

While the task may seem daunting, the societal pay-off is huge: transforming the Walkerton tragedy into a legacy of long-term source protection for Ontario's municipal drinking water. [MWW](#)

From the archives...

Municipal World

1891

Celebrating 125 Years

2015

In celebration of Municipal World's 125th year of publishing, we are offering our readers a unique look into the archives, providing quotes, stories, and snippets: some of the "best" (or at least the most interesting) parts of our first 125-year run. Each month will feature highlights from a decade of publishing, to give a sense of the issues and challenges of that particular era. This month covers the 1960s ...

"A community with 'nothing much' in the way of recreation is bound to have nothing much in the way of business expansion or general improvement. Nothing much to offer its youth, nothing much to offer the world. The community needs a shot in the arm before it dies on its feet."
– April 1960

"The difference between death and taxes is that death doesn't get worse every time parliament meets."
– May 1960

"Planning is much more than related land uses. It determines our destiny, our everyday way of life. It is as vital to living as the air we breathe, the food we eat, and the water we drink."
– August 1961

"Progress and destruction. How tragic that these two factors should go hand in hand as the development of our resources takes place. Too often we identify progress with the expedient, the immediate, the urgent. So much are we enamoured by the prospect of increased productivity due to the latest technical and mechanical innovations that we close our eyes to the negative values and depletion of resources."
– February 1962

"Sometimes it seems we have entirely lost sight of the urgency for concern, understanding, and action, in the retention and acquisition of open spaces for the welfare of all people ... for the present and for the future."
– July 1963

"A critical self examination is long overdue. The onus for better forms of local government rests squarely on our shoulders. No provincial government will long resist changes which we overwhelmingly desire."
– July 1964

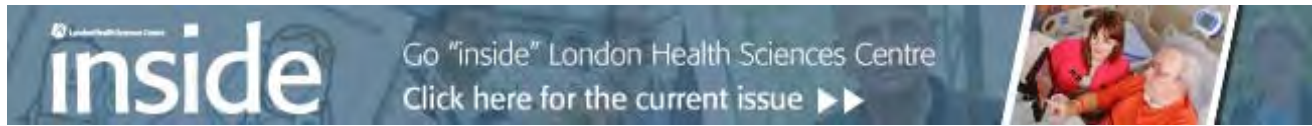
"Planners are at present the main interpreter of the people's will and they have no power at all. How many times have valid, reasonable plans ... been dumped by politicians who represent wealth, not people?"
– October 1965

"How many 'elected' offices will be sacrificed on the altar of efficiency before the current compulsion towards 'Region' or 'Centralized' government is satisfied? This is often the unspoken question when such matters are discussed by municipal elected officials and it usually remains unspoken because few, if any, of these persons apparently wish to run the risk of being accused of defending the status quo."
– July 1967

"It has been sometimes said where, for example, there is only 40 percent turnout of the electors at the polls, the remaining 60 percent were apathetic towards local government ... To be apathetic about local government implies a knowledge of the subject. Before a person can intelligently reject something, it is sometimes necessary for him to have at least a modicum of understanding of that which he seeks to reject."
– September 1968



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LIFE TRAVEL

The World Outdoors: Coldstream draws diverse range of birds

By Paul Nicholson, Special to Postmedia Network
Thursday, August 13, 2015 6:58:04 EDT PM



Garter snakes may be among the discussions when Rondeau Provincial Park celebrates Reptile Day Oct. 22. (PAUL NICHOLSON/SPECIAL TO POSTMEDIA NEWS)

Coldstream Conservation Area, northwest of London, has a good range of habitats that attract lots of birds.

There are two main natural areas that you can hike through. To access the first, drive south from Coldstream Rd. and turn left heading

south on Quaker Lane past the Quaker meeting house to the Conservation Area parking lot.

Head toward the pond then veer right to the trails. On the water, you will likely see common birds such as mallards, but watch and listen for kingfishers, phoebes, and house wrens in this area as well.

The trail cuts first through a mature deciduous woods. It is a great spot for woodpeckers. I usually see or hear Northern flickers here. I've also seen hairy, downy, and pileated woodpeckers this year. Listen for the nasal honking of white-breasted nuthatches too.

The trail continues along a creek that will flow into the Sydenham River. From a boardwalk section that goes through a beautiful white cedar swamp, you will see a range of wildflowers. Recently, I found a partially leucistic — or pale white — cardinal in this area.

Kurt Schoepsdau remarked earlier this week on the diversity of habitats. He is a member of the Enviro-Friends of Coldstream, a group of people dedicated to the maintenance, improvement, and enjoyment of the lands.

The observation was echoed by Erin Carroll, manager of biology for the St. Clair Region Conservation Authority.

“Coldstream is a great place to bird watch. Its variety of habitats — including a large pond, floodplain and upland forest, open fields and even a provincially significant cedar swamp — attract a wide variety of bird species.”

When you are hiking through the woods, have an eye for weather-beaten yet delightful poems that are framed and tacked up on trees by the path.

For years, I was unaware of the second, northern part of Coldstream. For the best access point, head 200 metres northwest from the Coldstream Rd. and Quaker Lane intersection. You can easily hike to this entry point but there is another small parking area here.

I wasn't the only person who had missed this north section.

“I don't think many people are even aware of that part of the trail.” Schoepsdau said. “There are many rare plants to be found along the way.”

As you hike in, watch for raptors over the fields to your left. On your right, the low scrub will give way to a beautiful forested section past a pond. Watch for herons at the pond. The forest is home for more woodpeckers as well as scarlet tanagers, Baltimore orioles, and other songbirds.

This natural area is one of many managed by the St. Clair Region Conservation Authority. Locally, the Enviro-Friends of Coldstream is an excellent support organization that has been active in the community for 21 years.

“Coldstream is truly a community effort,” Carroll told me. “The Enviro-Friends operate the Conservation Area in conjunction with the municipality and run a number of events throughout the year.”

There is no charge to visit this area. A Coldstream trail map is available online at scrc.a.on.ca.


Nature notes

Juno award-winning children's entertainer Peter Puffin will highlight a nature-themed family friendly concert at Rondeau Provincial Park Aug. 21. On Aug. 22, the park will celebrate Rondeau Reptile Day from 10 a.m. to 4 p.m. at their Bayside picnic shelter. Park naturalists will highlight their reptile species with guided hikes, presentations, and children's programs including face-painting and crafts. Call the Visitor Centre at (519) 674-1768 for details.

The evolution of eBird, the online database of bird sightings used by both individual birders and scientists, continues. The site's BirdCast function returns Saturday. Timing and routes for fall migration across the U.S. and Canada will be forecast and tracked by the BirdCast team. Search on birdcast.info. The ability to upload bird photographs and bird sounds is now available for beta testing. New portals such as the well established eBird Canada are also being added for additional countries.

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