



Board of Directors *Notice of Meeting*

November 13th - 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) Ontario Not-for-profit Corporations Act
5. Chair & Conservation Ontario Report
 - (i) CO September 29, 2014 minutes
6. Business Arising from last meeting
7. Conservation Area Reports
 - (i) Conservation Lands Update
 - (ii) Warwick Conservation Area roadway
8. Water Resources Reports
 - (i) Current Watershed Conditions
 - (ii) WECI Projects
 - (iii) Tender Opening for Phase IV of the Cathcart Park Shore Protection Revitalization Project
9. Biology Reports
 - (i) Lambton Shores – Healthy Lake Huron program
 - (ii) Healthy Sydenham Headwaters
 - (iii) Fish & Mussel Surveys
 - (iv) St. Clair River Water Quality Enhancement program
 - (v) Ontario Community Environment Fund
10. Conservation Services Report
 - (i) Conservation Services Programs
11. Planning & Research Reports
 - (i) Regulations Committee Report
 - (ii) Regulations Officer Appointment
 - (iii) Municipal Drain Review
 - (iv) Monthly Planning Activity Summary Report
 - (v) St. Clair River AOC

12. Finance Reports
 - (i) Revenue & Expenditure Report
 - (ii) June, July Disbursements
 - (iii) 2015 Fees
 - (iv) Apportioning of Matching and Non-Matching general levy for 2015
 - (v) 2015 Preliminary Forecast Budget
 - (vi) Joint Health & Safety Minutes
 - (vi) 2015 Nominating Committee
 - (vii) 2015 Meeting Schedule
13. Communications Reports
 - (i) Communications Report
 - (ii) Education Report
14. Source Protection
15. In Camera
16. New Business
17. Adjournment

Please contact Marlene (call 519-245-3710, 1-866-505-3710 or e-mail mdorrestyn@scrca.on.ca) at the Administration Office by November 10, if you are unable to attend.

Board of Directors Proposed Resolutions

2. It is 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.
- 3.(i) Moved by: Seconded by:
That the minutes of the Board of Directors meeting, held September 18, 2014, be approved as distributed.
- 4.(i) Moved by: Seconded by:
That the Board of Directors acknowledges the General Manager's report, dated November 3, 2014.
- 4.(ii) Moved by: Seconded by:
That the Board of Directors acknowledges the status report, dated November 3, 2014, regarding the Ontario Not-for-profit Corporations Act and its potential impact on the Authority.
- 5.(i) Move by: Seconded by:
That the Board of Directors acknowledges the September 29, 2014 meeting minutes of Conservation Ontario.
- 6.(i) Moved by: Seconded by:
That the Board of Directors acknowledges the updates on business arising from the September 18, 2014 Board of Directors meeting.
- 7.(i) Moved by: Seconded by:
That the Board of Directors acknowledges the Conservation Lands Update, dated October 24, 2014 on Conservation Area maintenance and development, McKeough Upstream Lands, and management activities on Lambton County Lands.
- 7.(ii) Moved by: Seconded by:
That the Board of Directors acknowledges the report October 22, 2014 on the Warwick Conservation Area roadway and directs staff to proceed with the required land transfers and agreements which will enable the construction of a new entrance roadway into the conservation area.
- 8.(i) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated October 31, 2014 on the current watershed conditions and Great Lakes water levels.
- 8.(ii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated October 31, 2014 on the ongoing Water and Erosion Control Infrastructure projects across the watershed.

- 8.(iii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated October 31, 2014 regarding the tender opening for Phase IV of the Cathcart Park Shore Protection Revitalization Project and further accepts the tender of Amico Infrastructures (Oxford) Inc. subject to a complete review a satisfactory financial capabilities review of the preferred contractor and authorizes the Chair to sign contracts for the project.
- 9.(i) Moved by: Seconded by:
That the Board of Directors acknowledges the status report dated October 31, 2014, regarding Lambton Shores – Healthy Lake Huron program, including the cover crop grant program and upcoming agricultural workshop with the Soil and Crop Association.
- 9.(ii) Moved by: Seconded by:
That the Board of Directors acknowledges the status report dated October 31, 2014, regarding Healthy Sydenham Headwaters including active stewardship projects.
- 9.(iii) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated October 31, 2014 on the fish and mussel surveys, and recent outreach activities for the Aquatic Inventory and Education Outreach Program in our Lake Huron watersheds, providing information on the watershed health and engaging residents in stewardship actions.
- 9.(iv) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated October 31, 2014 regarding the St. Clair River Water Quality Enhancement program, including the recent riparian buffer activities associated with municipal drains.
- 9.(v) Moved by: Seconded by:
That the Board of Directors acknowledges the report, dated October 30, 2014, on the Ontario Community Environment Fund grant “*St. Clair Region Conservation Authority (SCRCA)’s Sydenham Watershed Baseline Health Assessment*” and authorizes St. Clair Conservation Authority to enter into a Grant Funding Agreement with the Province of Ontario.
- 10.(i) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated October 30, 2014 on the Conservation Services programs and projects across the watershed.
- 11.(i) Moved by: Seconded by:
That the Board of Directors acknowledges and concurs with the Regulations Activity Summary Reports on "Development, Interference with Wetlands & Alterations to Shorelines & Watercourses” Regulations (Ontario Regulation 171/06), dated September 30 and October 31, 2014.

- 11.(ii) Moved by: Seconded by:
That the Board of Directors authorizes and appoints Melissa Deisley, Regulations Officer, as an officer to enforce the Section 28 Regulation under the Conservation Authorities Act within the St. Clair Region Conservation Authority's jurisdiction.
- 11.(iii) Moved by: Seconded by:
That the Board of Directors acknowledges and concurs with the municipal drain September and October 2014 activity report associated with the Drainage Act and Conservation Authorities Act Protocol (DART).
- 11.(iv) Moved by: Seconded by:
That the Board of Directors acknowledges the St. Clair Region Conservation Authority's monthly Planning Activity Summary Reports for September and October, 2014.
- 11.(v) Moved by: Seconded by:
That the Board of Directors acknowledges the update dated November 3, 2014 on the St. Clair River Area of Concern.
- 12.(i) Moved by: Seconded by:
That the Board of Directors acknowledges the revenue and expenditure report to September 30, 2014, as it relates to the budget.
- 12.(ii) Moved by: Seconded by:
That the Board of Directors approves the September 2014 disbursements as presented in the amount of \$744,767.27.
- 12.(iii) Moved by: Seconded by:
That the Board of Directors acknowledges and approves the Schedule of Fees dated October 2014, for all programs and services for the year 2015.
- 12.(iv) Moved by: Seconded by:
That the Board of Directors approves the apportioning of matching and non-matching general levy to member municipalities for 2015 as per Schedule A, using the Modified Current Value Assessment, values provided by the Ministry of Natural Resources in October 2014.
- 12.(v) Moved by: Seconded by:
That the Board of Directors acknowledges the report dated November 5, 2014 on the 2015 proposed forecast budget of \$6,081,741 with a municipal general levy of \$701,105 including finalized Modified Current Value Assessment values, updates to specific projects and municipal comments received to date.
- 12.(vi) Moved by: Seconded by:
That the Board of Directors acknowledges the July 9, 2014 meeting minutes of Health and Safety Committee.

- 12.(vii) Moved by: Seconded by:
That the 2015 Nominating Committee consisting of the following four directors representing the four districts of the Authority being Sarnia, Lambton, Chatham-Kent, and Middlesex be: _____
and further that the Nominating Committee's recommendation for the 2015 membership be presented at the Annual General Meeting.
- 12.(viii) Moved by: Seconded by
That the Board of Directors approves the 2015 tentative schedule of meetings for the Board of Directors and Committees, dated October 9, 2015.
- 13.(i) Moved by: Seconded by:
That the Board of Directors acknowledges the Communications Report dated October 24, 2014 including conservation awards, memorial forests, Conservation Foundation update and conservation education fundraising.
- 13.(ii) Moved by: Seconded by:
That the Board of Directors acknowledges the Conservation Education Report, dated October 29, 2014 including education programs, events, special projects, and community partnerships.
- 14.(i) Moved by: Seconded by:
That the Board of Directors acknowledges the report, dated November 3, 2014, on Drinking Water Source Protection.
- 15.(i) Moved by: Seconded by:
That the Board of Directors go in camera at _____ a.m. to discuss Conservation Awards and personnel issues with the General Manager remaining.
- 15.(ii) Moved by: Seconded by:
That the Board of Directors rise and report at _____ a.m.
17. Moved by: Seconded by:
That the meeting be adjourned.

The Board of Directors Meeting of the St. Clair Region Conservation Authority was held on the above date, at the Administration Office at the hour of 10:00 a.m.

Present: Steve Arnold, Chair; Terry Burrell, Vice Chair; Bill Bilton, David Boushy, Tony Bruinink, Joe Faas, Norm Giffen, Anne Gilbert, Rod Glen, Betty Ann MacKinnon, Don McCallum, John McCharles, Netty McEwen, Steve Miller, Frank Nemcek, John Romlewski

Absent: Elizabeth Davis-Dagg, Anne Marie Gillis, Kevin Marriott, Ben Phay

Also present for all or part of meeting: Brian McDougall, General Manager; Rick Battson, Director of Communication; Patty Hayman, Director of Planning, Dallas Cundick, Environment Planner/Regs Officer; Kevan Baker, Director of Conservation Areas; Tracy Prince, Director of Finance; Marlene Dorrestyn, Administrative Assistant

The Chair 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-14-112

Glen - Bruinink

“That the minutes of the Board of Directors meeting, held June 26, 2014, be approved as distributed.”

CARRIED

The General Manager’s Report was presented:

- Keith McLean Conservation Lands
 - this week or early next week, the St. Clair Region Conservation Foundation will finally begin to see some progress with regards to Keith McLean’s estate
 - documents were executed this week to have the property transferred into the Foundation’s name
 - a portion of the financial settlement of the estate will be provided to the Foundation next week in the amount of \$1 million
 - the Estate has maintained a holdback that it expected to more than cover any remaining costs and tax issues
 - the balance of this holdback will be provided to the Foundation upon final approval from the Canada Revenue Agency
- Operating Grants Received
 - although delayed by the Provincial election, the Authority received it’s annual transfer payment from the Province in the order of \$310,003.00 in late August
 - the transfer payments support flood and erosion control maintenance, flood forecasting and warning, planning and administrative functions
 - this transfer payment is the basis for the matching levy contributed by all member municipalities
- Corporate Compensation Strategy Review
 - the Corporate Compensation Strategy recommends a review of the overall compensation plan every 5 years to ensure market competitiveness
 - we are fortunate that two other Authorities, both of which are good comparators to the SCRCA, are undertaking in depth reviews in 2014

- these two reviews are expected to be completed this month and will be provided to the Authority to assist in undertaking our own comparison which will also include local and regional comparators
- the General Manager and Director of Finance will review the 2010 Compensation Plan, compare the collected updated information and will provide a report at the November 2014 Board Meeting for review and potential implementation in 2015

BD-14-113

Nemcek - MacKinnon

“That the Board of Directors acknowledges the General Manager’s report, dated September 3, 2014.”

CARRIED

A report regarding alternative sources of natural gas and electricity was considered.

- with ever increasing costs, Authority staff are constantly looking for opportunities to control costs with the objective of controlling increases in fees and levies
- energy costs are expected to climb significantly over the next 5 years
- when you combine all our electricity usage, we are a moderate volume user and we wanted to investigate any potential savings due to that usage
- Canadian Energy Wholesale (CEW) provides an alternative to our current supplies of electricity and natural gas
- CEW has been supplying energy to moderate and large volume users in and around Toronto for over 30 years
- CEW has provided a quotation (attached) which could see a savings of over \$32,000 over a 5 year period
- references have been requested to establish long term viability, customer service and confirmation of savings and no hidden fees
- comparables will be sought to determine if there are other options to achieve this type of savings

BD-14-114

Bilton - Faas

“That the Board of Directors acknowledges the report, dated September 3, 2014 regarding alternative sources of natural gas and electricity and supports the transition of energy supply subject to available comparables and positive references.”

CARRIED

Conservation Ontario minutes of the June 23, 2014 meeting were reviewed.

BD-14-115

Miller - Bruinink

“That the Board of Directors acknowledges the minutes of the June 23, 2014 Conservation Ontario Council meeting minutes.”

CARRIED

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

- send planning services fees to all municipalities as soon as possible so they can incorporate the information into their 2015 budgets – *to be sent after today’s meeting.*
- corrected 2013 Directors’ per diem and mileage – *attached to meeting package*

BD-14-116**Romlewski - McCallum**

“That the Board of Directors acknowledges the updates on business arising from the June 26, 2014 meeting.”

CARRIED

A staff report on Communications was discussed.

- 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. The flyers were distributed to each teacher in the region highlighting the 23 outdoor and 6 in-classroom programs offered that are free of charge as the costs for these programs are covered by sponsors.
- Conservation Scholarships
 - the five scholarships approved at the June meeting were presented in July by Steve Arnold. The students (and parents) were all very appreciative.
- Union Gas Supports Keith McLean Conservation Lands
 - Union Gas donated \$1,000 and supplied volunteer labour to plant 30 Carolinian Trees at the McLean’s Conservation Lands near Rondeau Bay through the Helping Hands In Action Program.
- Coming Events
 - McKenzie and Blundy Memorial Forest Dedication: Wawanosh Wetlands Conservation Area, September 21, 2:00 pm – greetings will be provided by Steve Arnold
 - A Geocaching Adventure: Lorne C. Henderson Conservation Area, Sunday, September 21, 9:00 a.m. – 3:00 p.m.
 - St. Clair Region Conservation Foundation Memorial Forest Dedication: Lorne C. Henderson Conservation Area, September 28, 2:00 pm – Speakers – Duncan Skinner, president, St. Clair Region Conservation Foundation and Terry Burrell.

BD-14-117**McCharles – McEwen**

“That the Board of Directors acknowledges the Communications Report, dated August 30, 2014, including information regarding Conservation Education, Coming Events and Conservation Scholarships.”

CARRIED

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

- Highlights:
 - seasonal water levels across the watershed
 - above average precipitation with no significant storm impact through the summer months
 - lake levels significantly improved over 2013
- Watershed Precipitation and Streamflow Conditions
 - seasonal flows stabilized into the summer months with only one significant event in the early part of July. By comparison with 2013 there were average flows throughout the watershed with an even distribution of rain events over the reported period. This resulted generally a lower impact on water levels in 2014 over the period compared to last year when there was a greater number and intensity of weather systems and rainfall events in 2013. Rain was distributed evenly over the period however Sarnia received only 81% of the normal while Strathroy received additional rain with 108.5% and Windsor and south

central areas of the watershed were wetter than normal. Subsequently, regional three month averages remain 8% higher while six month numbers remain down due to a relatively dry March this year. Overall the twelve month precipitation amounts remained very close to the average at 100.5%.

- Flood Threat
 - with the trend toward seasonal flows throughout the summer months there were no significant rain events with the exception of an event in July mostly in the Strathroy and upper watershed areas that increased flows downstream for approximately one week. During the remaining periods watercourses continued to have sufficient capacity to handle the average 20 to 30 mm rain events which lasted a few days moving runoff into the watercourses and lowering the chance any significant impact. The trend in the past few years has been that many events tend to develop in smaller pockets or thunderstorm cells which are often not evenly distributed across the region resulting in impact on flows in smaller sections of the system. This pattern however has not been as evident in our watershed this year but there remains the risk of potential sudden localized overbank conditions when intense rainfall cells develop unexpectedly as has been the case in recent years. No flood advisories have been issued since May 16th.
 - these changing conditions are carefully monitored to assess potential localized flood situations as we move into summer. Advisories will continue to be provided as watershed conditions dictate.
- Weather Forecast
 - September – sunny with slightly below average temperatures and precipitation
 - Fall – average temperatures and precipitation are expected to be below normal into the winter season
 - a comparison of conditions 2013 to 2014 indicated notably cooler temperatures through the summer where maximum daily temperatures tended to be lower across the region especially in July although there was no significant deviation year over year in June and August. The general perception was of a cooler summer period overall and this is evident with only three days above 30 C and sixteen days below 20 C in 2013 compared with eight and seven days in 2013 respectively. The number of actual days with precipitation was however very similar during the same period in 2013.
- Great Lakes Levels (Canadian Hydrometric Service – July 2014 data)
 - Lake levels in 2014 continued to improve significantly compared to 2013 in both Lake St. Clair and Lake Huron. Lake Huron levels now exceed the 10 year long term average although this average continues to be based on an extended period of lower levels. In addition, current levels are now much closer to average levels for the Period of Record (95 years) which continues to be reassuring but tenuous. As we move into another winter season levels are impacted by the extent of ice pack limiting evaporation and the extent of snowpack in northern areas of the province. The impact of higher lake levels has been evident with reduced beach areas following several years of lower levels.

BD-14-118

Boushy - Faas

“That the Board of Directors acknowledges the report dated September 4, 2014, on the current watershed conditions, flood risk and Great Lakes water levels.”

CARRIED

A staff report on Water and Erosion Control Infrastructure Projects submitted for funding in 2014-2015.

- Authority projects have scored between 90 and 115 points in Repair Projects and between 20 and 70 points for Safety Projects.
- Authority had previously secured funding of WECI funding of \$40,000 for repair work along the floodway
- projects in the waiting list have been reviewed by a committee of provincial and Conservation Authority staff representatives last month and the projects have been ranked in comparison to all submitted projects from across the Province.
- another \$30,000 have been granted towards McKeough Dam Drop structure repair work following the review
- projects with emphasis on flood control has secured most of the funding

BD-14-119

Burrell - McCharles

“That the Board of Directors acknowledges the report dated September 4, 2014 on the ongoing Water and Erosion Control Infrastructure projects across the watershed including the confirmation of funding for projects previously left unfunded.”

CARRIED

A staff report regarding Municipal Drain Review activities was explained.

- since January, 2014, 142 drain files have been submitted to SCRCA for review. 84 files have been reviewed under the DART protocol and proponents have received Standard Compliance Requirements permissions. 34 files have been reviewed by staff and have received Letters of Review. Letters of Review are issued when the project does not fall under the DART protocol. In most cases these are engineer’s reports under section 78 of the Drainage Act for improvements, and advice is provided to further the conservation and management of the existing natural heritage features of the designated watershed. Currently six files are still in need of review.

Categories of Drain Review	January – April 2014	April – June 2014	July- September 2014	Total
DART Protocol – SCR issued	16	13	55	84
Letter of Review Issued	17	4	13	34
Requires Letter of Review	4	7	6	17
Other Types of Files (e.g., Environmental Assessment, sign-off, Assessment changes)	5	1	1	7
Total Files from January to June 2014	42	25	75	142

BD-14-120

Nemcek - Bilton

“That the Board of Directors acknowledges the status report dated September 2, 2014, summarizing Municipal Drain Review activities, and continuing funding opportunities for drain enhancement activities in the St. Clair River AOC.”

CARRIED

A staff report regarding the Healthy Watersheds Programs was reviewed.

- Lambton Shores Healthy Lake Huron Program
 - Lambton Shores Tributaries (LST) Watershed received funding from Ontario Ministry of

the Environment and Environment Canada as part of the Healthy Lake Huron – Clean Water, Clean Beaches campaign, for immediate action to improve beach and inland surface water quality.

- **Water Quality Monitoring:** ongoing on a monthly and storm event basis to contribute to long-term data
- **Outreach and Education:**
 - CA staff met up with the Lambton Shores Steering Committee, a group of local volunteers who meet four times a year to brainstorm ways CA staff should undertake in the Lambton Shores Watershed in an effort to connect with landowners and spread the stewardship message with the local community. Suggestions included the shoreline postcard, sending newsletters to the beach associations and attending the Forest Fall Fair.
 - just over 1000 postcards were sent to shoreline residents in Lambton Shores announcing grants we have available for erosion, tree planting, and septic system upgrades. To date, we've had ~20 interested landowners contact us and of those a number of them are moving forward with projects
- **Healthy Sydenham Headwaters Initiative (HSHI)**
 - SCRCA and Middlesex Stewardship Council have partnered on this Initiative to guide conservation and restoration efforts in the Headwaters of the Sydenham River.
 - **water quality monitoring:** ongoing on a monthly basis to contribute to long-term data
 - **outreach and education:** staff hosted the 2nd annual Stewardship bus tour (July 17) with Middlesex Stewardship Council. Twenty CA staff (including staff from other CAs), council members, landowners, and funders attended and the tour included a stop at a restored wetland, a wetland project before construction, a 10 acre tree planting project and a 40 acre wetland/tree planting project.
- **SCRCA Bus Tour (June 26)**
 - this year's annual SCRCA bus tour stopped by a wetland project that went in the ground a few years ago. The Bolton's shared with us their enjoyment of having a wetland on their property.
 - this summer, 5 wetland projects have been implemented in the Sydenham Headwaters, resulting in ~15 acres of restored habitat!
- **Upcoming events:**
 - *September 6, 2014:* Centre Ipperwash Great Canadian Shoreline Cleanup 9:00-11:00 a.m. – come volunteer and clean up one of Lake Huron's most beautiful beaches!
 - *September 19-21, 2014:* Forest Fall Fair – come visit our booth!
 - *November 2014:* Fall workshop –location and topic TBD
- **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-14-121**Glen - McCharles**

“That the Board of Directors acknowledges the status report dated September 2, 2014, regarding the Healthy Watershed programs in Lambton Shores and the Sydenham Headwaters, including outreach events and mailings to encourage stewardship actions, and water quality enhancement grants for agricultural BMPs and residential septic upgrades.”

CARRIED

A staff report regarding the Aquatic Inventory and Education Outreach Program in the Lake Huron watersheds was reviewed.

- thanks to a major grant from the Ontario Trillium Foundation, aquatic education, outreach and inventory work continues on Lambton County streams and creeks flowing into Lake Huron. Partners on the project include Carolinian Canada Coalition, St. Clair Region Conservation Authority and Kettle & Stony Point First Nation.
- in late August, a fish survey demonstration at Kettle and Stony Point, taught participants about various aquatic monitoring techniques.
- SCRCA staff emphasized connections between habitat and aquatic health. Several community members attended, as well as students from the Sarnia area who were looking to gain inventory experience.
- St. Clair Conservation staff also conducted mussel surveys as part of this program. Biology staff visited creeks and rivers to identify and measure mussels before releasing them back to the water.
- mussels are excellent indicators of water quality because they are long-lived and sessile making them susceptible to pollution. Thus, the presence of fresh water mussels helps indicate a healthy system. Aquatic inventory data will be published in Watershed Report Cards which summarize the current state of St. Clair Region’s watersheds. The report cards track and report on the surface and groundwater quality, and forest conditions in the watersheds.

BD-14-122**Miller - Burrell**

“That the Board of Directors acknowledges the report dated September 2, 2014 on the fish and mussel surveys, and recent outreach activities for the Aquatic Inventory and Education Outreach Program in our Lake Huron watersheds, providing information on the watershed health and engaging residents in stewardship actions.”

CARRIED

A report on the Reptiles at Risk program was discussed.

- Butler’s garter snake sighting. The Butler’s garter snake is threatened under both the Ontario Endangered Species Act, 2007 and the federal species at risk act.
- continued sightings of the eastern fox snake in various locations throughout the SCRCA watershed through the use of coverboard monitoring, and both staff and public sightings.
- road signs were installed at the McKeough Dam to remind drivers that it is important to “brake for snakes”. Road mortality causes significant losses to populations of our Ontario snake species.
- in partnership with the Ontario Junior Rangers, staff from SCRCA conducted a reptile and amphibian inventory in the Lambton County Heritage Forest on August 18th, 2014. A tail clipping was obtained from an unknown species of mole salamander and identification will be determined by Jim Bogart at the University of Guelph. However, it is likely that the unknown mole salamander is a complex mix between the Jefferson and blue-spotted salamander species. Additionally, several Eastern red-backed salamanders were found.
- Jim Bogart, a professor from the University of Guelph positively identified the previously

unknown mole salamanders from Bowen's South Wetland as a complex mix of Jefferson and blue-spotted salamander species.

- kids from the Camp Blast program at Our Lady Immaculate School in Strathroy heard a talk by SCRCA staff on reptile and aquatic species at risk of the Sydenham River on July 15th, 2014. Participants were able to handle snake skin, turtle shells, mussel shells, and view pictures of the many reptile and aquatic species of the Sydenham River.
- on July 23rd, 2014, participants in the "Discover Sydenham" program at the Strathroy Museum also heard a talk on aquatic and reptile species at risk of the Sydenham River by SCRCA staff. Kids were able to view the same materials as the participants from Camp Blast along with a stuffed eastern fox snake.
- female northern map turtles were observed laying eggs on roadways by SCRCA staff in the month of June 2014. Due to the risk of loss from human activity, and predation, these eggs were collected and sent for incubation. Many predated nests have been observed on these roadways. The eggs have now hatched and 23 hatchlings were released on site on August 28th, 2014.
- thanks to staff at McKeough Dam, brush has been placed in a pile to be used as a habitat enhancement for snakes. An informative sign is to be installed to inform people on what a brush pile is and its benefits to snakes.
- Upcoming Events:
 - continued snake monitoring of coverboards, hibernaculum, and nesting boxes.
 - on October 22nd, 2014 students at the Hillside School of Kettle and Stony Point will be given the opportunity to learn about aquatic and reptile species at risk. The program will include a guest speaker from Scienstational Ssnakes who will bring in live specimens for students to handle and observe.
 - signage will be created/installed to raise awareness of reptiles and roads, and the importance of brush piles (a habitat enhancement).
 - coverboards will be deployed at new locations to monitor for presence/absence of snake species at risk.

BD-14-123

McCharles - McCallum

"That the Board of Directors acknowledges the report dated September 2, 2014 on the Reptiles at Risk program, including recent site surveys for turtles, snakes and lizards on properties owned or managed by St. Clair Conservation."

CARRIED

A staff report on spring 2014 tree planting was discussed.

- for most of the summer, conservation-forestry staff worked on an 80 acre poplar tree plantation restoration project on the Waste Management property in Warwick Township, alternating work weeks in conjunction with the larvicide treatment program for Lambton County.
- the winter of 2013-2014 resulted in severe rodent damage to their large poplar plantation that was planted in 2009 and caused mortality to nearly 60,000 poplar trees that were established and approaching a "free to grow" stage.
- removal of the dead and dying trees was the only way to promote rapid suckering of the trees in order to re-establish the site, maintaining necessary requirements under Waste Management's operations permit with MOE.
- staff have also continued to provide vegetation control on two very large corporate reforested projects – Enbridge properties and Lambton County Bowen Creek property in St. Clair Twp.
- brush control work continues in Southwest Middlesex under the drainage act and staff have been spraying several "brushed" drainage works

- the search for funding for the Lambton Shores Coastal Wetland – Phragmites control work continues as well on the ground control work up this summer, up to as much funding that is currently available.

BD-14-124

Boushy - McEwen

“That the Board of Directors acknowledges the status report dated September 5, 2014 regarding Conservation Services Spring Tree Planting Projects.”

CARRIED

A staff report regarding the West Nile Virus – Lambton County Mosquito Control Program was presented.

- staff have been busy again this summer treating 16,000 catch basins in Sarnia and Lambton County with methoprene-larvicide pellets to control west nile virus carrying mosquito population a minimum.
- treatments started in late June this year and continued into mid-August. Treatment of catch basins are completed every 21 days throughout the summer with 3 crews of two people each. Approximately 7 to 8 days is required per treatment cycle.
- applications for permits were approved by Ministry of Environment in late June along with 2 separate permits to treat Aamjiwnaang-Sarnia First Nation and the Dupont plant located in Corunna.
- efficacy testing is planned again this year to monitor how well pellets and briquettes are controlling mosquito populations.

BD-14-125

Giffen - McCallum

“That the Board of Directors acknowledges the status report dated September 5, 2014 regarding West Nile Virus – Lambton County Mosquito Control Program.”

CARRIED

Regulations Summary Reports dated June 30, July 31 and August 31, 2014 were reviewed.

BD-14-126

Faas - MacKinnon

“That the Board of Directors acknowledges and concurs with the Regulations Activity Summary Reports on "Development, Interference with Wetlands and Alterations to Shorelines and Watercourses" (Ontario Regulation 171/06), dated June 30, July 31, and August 31, 2014 and further in regard to Cores vs. SCRCA, MLC Refer Our File CA 002-14, that the Board of Directors acknowledges the Authority solicitor seek to mediate a solution acceptable to the SCRCA and all parties.”

CARRIED

BD-14-127

McCharles – McEwen

“That the Board of Directors reconsider the square footage of motion #BD-14-017.”

CARRIED

BD-14-128**Glen – McEwen**

That the Board of Directors, in regard to Cores vs. SCRCA, MLC Refer Our File CA 002-14, direct staff and Authority solicitor to mediate a solution on the permissible development area acceptable to the SCRCA and all parties within the following limits;

- **maximum habitable square area (the total area of all floors above grade measured between the outside surfaces of exterior walls, excluding interior parking) not greater than 140 sq. m;**
- **attached garage construction as per original application not greater than 50 sq. m;**
- **total square area not greater than 190 sq. m.;**

CARRIED

Planning Activity Summary Report for June, July and August 2014 were reviewed.

BD-14-129**Miller - Faas**

“That the Board of Directors acknowledges the St. Clair Region Conservation Authority’s monthly Planning Activity Summary Reports for June, July and August, 2014.”

CARRIED

A staff report regarding the July and August 2014 municipal drain activity report associated with the Drainage Act and Conservation Authorities Act Protocol (DART) was reviewed.

BD-14-130**Faas - Boushy**

“That the Board of Directors acknowledges the report on Drainage Act and Conservation Authority Act Protocol (DART) Municipal drain activities for July and August 2014.”

CARRIED

A staff report regarding SouthWestern Ontario Ortho Photography (SWOOP) was explained.

- **Background:** in the year 2010, the St. Clair Region Conservation Authority (SCRCA) obtained its most recent aerial imagery as a partner in the SWOOP 2010 Project. This project, led by the Ministry of Natural Resources (Land Information Ontario), consisted of a partnership of over 70 agencies to cover most of Southwestern Ontario. These partnerships in the past have allowed for significant cost savings for a common product that has been an invaluable mapping tool for all involved. The funding required by each partner varies and is proportional to the number of partners that wish to acquire imagery for a given area. As part of Ontario’s Imagery Strategy, a new round of imagery is set to be acquired in the spring of 2015.
- **Project Costs**
 - there are obvious significant cost savings through participation in this project. At this early stage it is estimated that the SCRCA’s partnership will cost the same or less than previous projects. The cost of SWOOP 2010 totalled \$27,683.90 and it was recommended that the SCRCA budget a similar amount for 2015. If the SCRCA were to undertake this project on our own it would cost well over \$150,000.00. Additional costs to this project would include the necessary storage space for digital deliverables. Land Information Ontario has developed new access policies to encourage organizations to participate in acquisition projects while providing an equitable approach for all. Each organization pays only for their individual area of interest, with a minimum contribution of \$1,000. The total number of kilometres ordered by all organizations is used to calculate the overall ‘shared’ cost.

- if the SCRCA does not participate, not only will the SCRCA not have the most up to date imagery and base as the clients it works with, but the cost for the partners (including Upper/Lower Tier Municipalities) will increase.
- Timelines and Next Steps: on September 24th SCRCA staff will attend a partners meeting to gather further information. As in previous years, the SCRCA would be expected to sign a letter of intent to participate pending final SCRCA budget approval.
- Recommendation: that the SCRCA continue to be a partner in the SWOOP 2015 project with an upset cost of \$30,000.

BD-14-131

Glen - Giffen

“That the Board of Directors acknowledges the report dated August 29, 2014, regarding SouthWestern Ontario Ortho Photography (SWOOP) and supports the SCRCA continuing to be a partner in the SWOOP version 2015 project with an upset cost of \$30,000 and further make the necessary budget preparations and directs the General Manager or his designate to authorize and sign the required “Participant Agreement”.”

CARRIED

A staff report regarding AOC activities was presented.

- Celebrating the Removal of the Degradation of Aesthetics Beneficial Use Impairment (BUI)
 - a great day is planned for September 10, 2014, cruising on the St Clair River to help celebrate BPAC’s recommendation to remove the Degradation of Aesthetics BUI. In the 1980s and 1990s the river was plagued by persistent slicks of oil, foul odours and sewer overflows following rain events. Kids would not swim in the river and some people actually feared being nearby. With the support of government, industry, volunteers and the public in general, that scene no longer occurs. The river is now enjoyed by all citizens and it has become a magnet attracting all who wish to recreate, swim, fish or simply enjoy a beautiful day by the river. The river has regained its beauty and attraction. Over 75 people celebrated and enjoyed cruising the river to get a full view of this beautiful resource. This is the third use impairment that has been removed in 4 years
there will be more to come in the next several months
- 2nd Biennial St. Clair River Area of Concern Symposium
 - September 18, 2014 is the date of the second biennial St. Clair River Area of Concern Symposium sponsored by the Binational Public Advisory Council (BPAC) at the Double Tree by Hilton Hotel in Port Huron, Michigan. The theme of this year’s symposium is “Bridging the Environment and Economy”. Presentations cover topics such as recent research on St. Clair River species and population dynamics, fisheries of the St. Clair River, drinking water monitoring, invasive species and new and emerging challenges facing the river. It is unfortunate that the date conflicted with the SCRCA September Board of Directors meeting. We will report back on how it went at the next Board of Directors meeting.
 - Beneficial Use Impairment (BUI) Re-Designation Update
 - Restrictions on Dredging Activities: the “Restrictions on Dredging Activities” BUI status assessment was accepted by CRIC at their January, 2014 meeting. It recommends that this BUI be re-designated from “impaired” to “not impaired”. Community consultation has been completed with Aamjiwnaang First Nation and it is currently under review by Walpole Island First Nation. Guidance on further community consultation is

expected soon. If our partners agree, this should be the next BUI to be re-designated to "not impaired".

- **Beach Closings:** a draft report is currently being prepared for the "Beach Closings" BUI for the St. Clair River which is identified as "impaired". The report will look at local remedial actions, *Escherichia coli* (*E. coli*) levels at beaches and swimming areas as well as comparisons between AOC and non-AOC beach closing frequencies. In addition, results of a DNA source track-down study at Centennial Park in Sarnia will be analysed. The source of *E. coli* was unclear at this site so a track-down study was designed to distinguish between human and avian sources (geese) of *E. coli*. Three years of beach monitoring data were collected through partnerships between the SCRCA, Lambton Public Health Unit, the Ministry of the Environment and Climate Change and the City of Sarnia.
- **Bird and Animal Deformities or Reproductive Problems:** studies conducted by Environment Canada scientists over the past few years and as recently as this past July have found that the incidence of contaminants and deformities in young turtles and leopard frogs (*Lithobates pipiens*) are generally similar to other non-AOC sites in the Great Lakes Basin. Further sampling and analysis needs to be completed before a definitive conclusion is reached, but preliminary results look promising.
- **Fish Tumours or Other Deformities:** the collection of Brown Bullhead (*Ameiurus nebulosus*) that began in 2013, continued at Walpole Island this summer to assess the prevalence of liver tumours. Currently 46 of the 100 fish required have been collected and livers processed and frozen until histological analysis. Next steps are currently being considered and may include using electrofishing equipment to catch the additional fish later in the Fall.
- **Great Lakes Sustainability Fund (GLSF) Announcement:** on July 23, 2014, Dr. Colin Carrie, Member of Parliament for Oshawa and Parliamentary Secretary to the Environment Minister announced at Canatara Park, in Sarnia, Ontario, the 2014-15 funding provided to support projects in Canadian AOCs through the Great Lakes Sustainability Fund (GLSF). Many projects benefitting the St. Clair River are being supported this fiscal year including the "shoreline softening" project at Cathcart Park led by the SCRCA. Other recipients included the Rural Lambton Stewardship Network (RLSN) for wetland and riparian buffer creation and the City of Sarnia for implementation of their pumping-station real-time monitoring system to reduce overflows and bypasses to the St. Clair River.

BD-14-132

Romlewski - Nemcek

"That the Board of Directors acknowledges the report dated September 4, 2014 on the St. Clair River Area Of Concern program."

CARRIED

A staff report regarding the progress to date on the Planning Advisory Services Memorandum of Agreement between the County of Lambton and the Authority was presented.

- it is important to note and as presented at the June Board meeting, only Natural Hazards provincial policy (including the hydrologic protection of wetlands) has been delegated to Conservation Authorities. Natural Heritage protection under the PPS is the responsibility of the municipalities. The municipalities are the "approval authority" with upper tier conformity to Lambton County's Official Plan.
- Summary of Progress to date on Memorandum of Agreement:

- Memorandum of Agreement (MOA) was discussed and circulated by the parties. This template follows similar area CA/Municipal MOA's. Minor comments have been received to date from Lambton County Planning Department. Comments are forthcoming from the Ausable Bayfield Conservation Authority (Note – ABCA has a small area in Lambton County; North Lambton Shores which includes Port Franks and Grand Bend).
- as per discussions with the County, services for Natural Heritage planning advice and technical report review will be itemized and the municipality may indicate the services required.
- in formulating the appropriate planning application fees for Natural Heritage, technical and administrative staff met to discuss and assign appropriate rates and times. For the report reviews, staff researched consulting fees for Natural Heritage technical report review and have recommended an appropriate fee schedule based on the SCRCA retaining biologic and hydrologic expertise in house.
- for the purposes of Planning applications circulated to the SCRCA, a minimal increase in fee for Natural Heritage commenting and advice is noted.
- a presentation of the Memorandum of Agreement is scheduled for the Lambton County Clerks Association meeting September 25, 2014.
- Natural Heritage cost recovery
 - Planning Applications (ie. consents, ZBA's, OPA's)
 - Noncomplex: generally, if a consent (severance) or ZBA/OPA is not complex, the additional Natural Heritage review is not a significant review beyond the CA's delegated responsibility, if a Natural Hazard (CA Regulation) is present as well. However, applications with only Natural Heritage features/adjacent lands present, (ie. significant woodlands/adjacent lands) require the initial file startup plus more detailed screening of provincial databases, mapping and reference to the provincial Natural Heritage technical manual and interpretation.
 - Biologist/Ecologist review
 - Rate = \$45.00/hr (includes benefit/payroll costs)
 - Time required
 - 1.5 hour screening/review of documents
 - 2 hour site inspection (incl travel return)
 - 3 hours drafting report including technical reference review, phone calls/emails with applicant, planner etc.
 - = ~\$300.00
 - Complex: Official Plan Amendment – includes complex natural heritage review, ie 4 season inventory reviews, in depth botanical site inspection initially particularly if encroachment into heritage feature, multiple cross peer reviews; ie engineering, hydrogeology, geotechnical
 - Biologist/Ecologist or review
 - Rate = \$45.00/hr (includes benefit/payroll costs)
 - Time required
 - 3 hour screening/review of documents
 - 2 hour site inspection with municipal staff and technical team (including travel return)
 - 6.5 hours substantial technical report with higher potential risk (ie challenges, OMB), includes preconsultation meetings, technical meetings with review team, phone calls/emails with applicant, planner etc.
 - = ~\$500.00

- Technical report review
 Scoped or Screening type Environmental Impact Studies (EIS) or Development Assessment Reports (DAR) reviews
 Same rate as above in #1
 2 hours meeting with municipal staff/proponent consultant
 2 hours review of report
 2 hours drafting technical review report
 = ~\$300.00
- Full EIS or DAR review
 Same rate as above in #1
 this may be consulted out for peer review by the municipality. Quotes obtained indicate a minimum \$3,000.00-\$3,500.00 required for Full EIS or DAR review. A thorough knowledge of the site, plus detailed review of reports in length of typically 200-300 pages.
 Multiple meetings, preconsultation, peer review team, municipal staff, proponent, proponent's consultant.
 Internal Biologist, Planner, Engineering, Hydrogeologist, Regulations = \$2,000.00
 External based on quote; quotes received for ecology/biology only expertise to date = minimum \$3,000.00 -3,500.00 (ie. quotes received for 2014 full DAR's - Strathroy Caradoc Metcalfe St and Petrolia Glenview Estates).
 =~\$2,000.00
- recommendation: that the SCRCA continue to confirm natural heritage commenting services with member municipalities through an updated Memorandum of Agreement and that these costs be recovered by the proponent.

BD-14-133

Bilton - Giffen

“That the Board of Directors acknowledges the progress to date on the Planning Advisory Services Memorandum of Agreement between the County of Lambton and the SCRCA as recommended by Conservation Ontario and further acknowledges the cost to the SCRCA for Natural Heritage commenting and that these costs be recovered by the proponent as noted in the Planning and Regulations Fee Schedule and further note that it is a decision of the municipality whether or not this service is retained as outlined in a Memorandum of Agreement.”

CARRIED

Authority revenue and expenditures to June 30, 2014, were reviewed.

BD-14-134

MacKinnon - McCharles

“That the Board of Directors acknowledges the revenue and expenditure report to June 30, 2014, as it relates to the budget.”

CARRIED

June and July 2014 disbursements totaling \$1,055,144.42 were considered.

BD-14-135

Faas - McEwen

“That the Board of Directors approves the June to July 2014 disbursements as presented in the amount of \$1,055,144.42”

CARRIED

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

BD-14-136

Faas - McEwen

“That the Board of Directors acknowledges the status report on the 2014 general levy receipts to September 3, 2014.”

CARRIED

The 2015 preliminary forecast was reviewed. To date the Authority has not received the Modified Current Value Assessment calculations from the Ministry of Natural Resources so the numbers from last year have been used.

BD-14-137

Faas - Bruinink

“That the Board of Directors acknowledges the 2015 preliminary draft budget of \$6,085,641 with a proposed municipal general levy of \$705,060 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.”

CARRIED

Director’s Comments:

- requested a comparative column for budget to last year.
- as soon as CVA numbers come in, can the updated budget be sent to municipalities.

Minutes of the March 20 Joint Health and Safety meeting were reviewed.

BD-14-138

Burrell - McCharles

“That the Board of Directors acknowledges the Joint Health and Safety Minutes of March 20, 2014.”

CARRIED

A staff report regarding updating the Health and Safety Manual was considered.

BD-14-139

Nemcek - Miller

“That the Board of Directors approves the Staff Report, dated September 3, 2014, combining Sections 3.5.2 & 3.5.6 and further that the update be incorporated into the Health & Safety Manual.”

CARRIED

An Investment Policy Statement was discussed.

BD-14-140

Glen - Faas

“That the Board of Directors acknowledges the Investment Policy Statement, dated September 2014 for discussion.”

CARRIED

BD-14-141

Burrell – Bruinink

“That the Board of Directors make an amendment to Investment Policy Statement motion to delegate “Standard of Care” to the General Manager and Chairman for safety reasons.”

DEFEATED

A staff report regarding the status of the accessibility improvements and renovations were reported.

- on August 25th the concrete construction started by removing the old concrete steps and sidewalk, grading for the accessible ramp to the driveway, foundation for new entrance and accessible ramp to front door.
- as of September 5, 2014, the concrete work for the renovated entrance to the front of the building on Mill Pond has been completed.
- the large boulder that is the mounting for our historic plaque, has a new prominent location in front of the main door and can be seen from both the new ramp and the sidewalk leading up to the door. The expectation is that the railings and the line painting for the parking lot will all be complete by the September Board meeting and you will have had the opportunity to use.
- the next stage will be to landscape with low maintenance scheme. Once the landscaping is completed the new sidewalk and ramp will provide an inviting path to all visiting the Conservation Authority building.
- we are in the process of securing the architect to complete the inside drawings and providing a detailed listing of the materials to meet the accessibility requirements to renovate the main entrance, bathrooms, and kitchen facilities. Currently we are still planning for a December 31, 2014 finish of the accessibility upgrades.

BD-14-142

Boushy - Miller

“That the Board of Directors acknowledges the report dated September 5, 2014 regarding the status of the accessibility improvements and renovations to the Authority’s Administrative offices.”

CARRIED

A staff report regarding draft 2015 fees was explained.

BD-14-143

Romlewski - Bruinink

“That the Board of Directors acknowledges the Draft 2015 fees to assist municipalities with their budget deliberations.”

CARRIED

The Conservation Lands Update was reviewed.

- Conservation Areas:
 - Camping Statistics:
 - 419 full and half seasonal campers have registered in our 3 campgrounds, up from 406 in 2013. 188 seasonal campers are registered at Warwick (189 in 2013), 123 at LC Henderson (118 in 2013) and 108 at A.W. Campbell (99 in 2013).
 - our 3 regional campgrounds have been busy this year, gross revenues to date are \$912,000 (up 3%), with net revenues up 5% (end of July financials summary).

- Warwick Conservation Area:
 - access roadway project is moving along; currently all survey's and easements have been completed, still ongoing are land negotiations, road and drainage agreements; it is now anticipated that the roadway will be constructed in the spring on 2015
 - 15 new picnic tables and 3 new benches have been constructed and distributed
 - a new 300 metre bike cross trail has been constructed (funded through Foundation bingo)
 - a new 620 metre trail has been developed; work included chip & dust surfacing, signage and installation of vehicle gates (funded through St. Clair Conservation Foundation)
 - a 500 metre section of the Blue Flag trail was resurfaced with chip & dust; also a number of dead ash trees were removed along the trail
- L.C. Henderson Conservation Area:
 - a new property identification sign has been installed
 - 15 new picnic tables and 2 benches have been constructed and distributed
 - 5 new folding tables have been purchased for the visitor centre (funded through Foundation bingo)
 - the main reservoir weir has been reconstructed with new cable concrete surfacing and additional rip rap protection
 - 600 metres of existing trail have been surfaced with chip & dust; two sections of boardwalk have been upgraded to improve accessibility on this trail
 - a bird house tree has been constructed
- A.W. Campbell Conservation Area:
 - new counter top and sinks have been installed in the women's pool washroom
 - 15 new picnic tables have been constructed and distributed
 - new campsite indicators have been installed on 20 campsites
 - new carpet has been installed on the mini golf course (funded through Foundation bingo)
 - 5 new tables have been purchased for the visitor centre (funded through Foundation bingo)
 - a new bike cross trail has been constructed (funded through Foundation bingo)
 - sections of the main lake trail have been surfaced with chip & dust
- Wawanosh Conservation Area:
 - a new property identification sign has been installed
 - 4 picnic tables have been installed in the pavilion
- Strathroy Conservation Area:
 - Bonduelle Foods donated \$10,000 to improve trails and picnic tables within the conservation area; this donation included 4 new picnic tables with concrete pads (one accessible table) and 375 metres of new trail surfacing
 - 2 new trail signs have been installed
 - due to stream bank erosion, the main trail bridge over the Sydenham River was enlarged
- C.J McEwen & Highland Glen Conservation Areas:
 - Highland Glen - a new property identification sign has been installed; the boat ramp and harbour area has been dredged

- C.J. McEwen – renovations to the washrooms have been completed, they included new washroom partitions and ceilings; and floors and walls have been painted.
- Marketing Initiatives in 2014:
 - Our conservation areas have been marketed in the following publications or events in 2014:
 - Sarnia Lambton Tourism Guide, Middlesex County Guide and Chatham-Kent Guide
 - Camping ads have been placed on MyFm, Strathroy-Middlesex Chamber of Commerce, Sarnia 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 26th)
 - Sarnia Art Walk (Downtown Sarnia, June 7th and 8th)
 - Our Conservation Area visitor guides are located at many of the municipal offices or libraries and tourist centres throughout the watershed
 - Conservation Ontario has prepared a new “Conservation Areas of Ontario” guide, we purchased advertising space in the guide.
- McKeough Upstream Lands:
 - Property 79/80 – a wetland has been developed (Conservation Services Department)
 - Property 97 – wildlife shrubs have been planted around the wetland (Conservation Services)
 - Properties 38, 39, 40, 83 north, 95 north – grass buffers strips have been planted along drains and natural water courses
 - A wetland will be constructed on property 38 this fall.
 - Tenants in residences on properties 38 & 39 have been served with rent termination notices, these homes and outbuildings are scheduled for demolition early in 2015
- Lambton County Lands:
 - Lambton County Heritage Forest:
 - staff regularly inspect and perform maintenance on the 8 kms of trail
 - Forestry staff have inventoried, marked and tendered a section of the woodlot for commercial thinning; two proposals have been received and thinning operations will be scheduled for this fall
 - Marthaville:
 - A new trail sign has been installed
 - 200 feet of property line fencing to be installed along the north side of the property
 - Staff regularly inspect and perform maintenance
 - Bowens Creek:
 - 8,100 seedlings were planted and 43,000 previously planted seedlings to be sprayed with herbicide to control grass and weeds
 - Perch Creek
 - Trail improvements to include widening and extending the existing trail
 - 1,000 seedlings have been planted to replace ash trees affected by the Emerald Ash borer

BD-14-144

Nemcek - McEwen

“That the Board of Directors acknowledges the Conservation Lands Update, dated August 25, 2014 on Conservation Areas, McKeough and Lambton County Lands including capital improvements, trail development and camping trends in 2014.”

CARRIED

A draft agreement between the Authority and the Foundation regarding maintenance of the Keith McLean Conservation Lands was discussed.

BD-14-145

Faas - Boushy

“That the Board of Directors acknowledges the draft agreement between the Authority and the St. Clair Region Conservation Foundation regarding maintenance of the Keith McLean Conservation Lands, and further supports the signing of the agreement and the forwarding of the agreement to the Board of Directors of the Foundation for their review and endorsement.”

CARRIED

Directors' Comments:

- that the formal definition of lands be mentioned in the agreement.

A staff report regarding the Source Water Protection Assessment Report updates and plans were reviewed.

- the Assessment Report for the St Clair Region Source Protection Area was approved by the Minister of Environment in 2011. Since that time we have been working on developing the Source Protection Plan for the Thames-Sydenham and Region. Both these documents will soon be the subject of consultation. In advance of the formal consultation period, we will be pre-consulting with municipalities on the proposed amendments to policies in the Source Protection Plan.
- additional technical work has been undertaken regarding the Intake Protection Zone (IPZ) for the Petrolia Water Treatment Plant Intake in Bright's Grove which has resulted in an expansion of Intake Protection Zone 3 along watercourses between Aberarder Creek and Hickory Creek. The additional work involved modelling for spills of fuel in various locations and various volumes of spills.
- additional technical work has also been undertaken regarding the Intake Protection Zone (IPZ) for the Wallaceburg Municipal Water System Intake which has resulted in an expansion of Intake Protection Zone 3. The additional work involved modelling for spills of fuel and fertilizer in various locations and various volumes of spills. This additional work for these intakes has resulted in an update to the St. Clair Source Protection Area Assessment Report. In August, we undertook local informal consultation on the technical work which is being incorporated into the Updated Assessment Report for the St Clair Region Source Protection Area.
- the Assessment Report is also being updated to include the Intake Protection Zones for the Chippewas of Kettle & Stony Point First Nation Drinking Water Source. The technical work completed by the First Nation on their drinking water source is being incorporated into the Assessment Report.
- in advance of formal consultation on the revised Source Protection Plan in October, we held three open houses to highlight changes to IPZ-3: Clearwater Arena, Thursday August 14; Wallaceburg Municipal Office, Tuesday August 19; and at the Camlachie Community Centre, Thursday August 21. All of the Open Houses ran from 3:00 pm – 7:00 pm.

BD-14-146

McCharles - Bilton

“That the Board of Directors acknowledges the status report date August 22, 2014 regarding the Source Water Protection Assessment Report updates and plans for partner and public consultation in preparation for submission of the revised Source Protection Plan in December.”

CARRIED

BD-14-147

Miller - Faas

“That the meeting be adjourned.”



Steve Arnold
Chair

Brian McDougall
General Manager

General Manager's Report 4.(i)



To: Board of Directors
Date: November 3, 2014
From: Brian McDougall, General Manager

Mandate Letters to Ministers

- ☞ in late September, Premier Wynne provided mandate letters to each of the Cabinet Ministers
- ☞ although as many as 6 or 7 could be related to Conservation Authorities in some measure, three were specific in outlining directives that will impact Authorities
- ☞ mandate letters to the Minister of Natural Resources & Forestry (MNRF), Minister of Environment & Climate Change (MOECC) and the Minister of Municipal Affairs and Housing (MMAH) are attached
- ☞ specified directives that may have an impact on Authorities have been highlighted
- ☞ there are no specific surprises, however, protecting Wetlands and the Great Lakes, and action on Climate Change seemed to be emphasized
- ☞ Authority staff will be using these directives to bolster our applications for funding that will assist in actions in all of these areas

Mandate Letter to Parliamentary Assistant (PA) to MNRF

- ☞ early this month the Minister of NRF provided a mandate letter to his PA
- ☞ the attached letter targets to specific directives – protecting wetlands and reviewing the Conservation Authorities (CA) Act
- ☞ the directive to review the CA Act, appears to be in response to Conservation Ontario's Whitepaper – Watershed Management Futures for Ontario
- ☞ we are hopeful that the review will permit some clean up of out of date and irrelevant bureaucracy as well as some stronger identification of responsibilities
- ☞ at the same time, there are also some concerns regarding potential for negative impacts

Staff Departures

- ☞ Claude Lafrance, St. Clair River AOC Coordinator and Diane Brodie, Payroll Accounting Clerk are both retiring in December
- ☞ recognition and celebration of their service to the organization will be observed at staff events in December

The Premier
of Ontario

Legislative Building
Queen's Park
Toronto, Ontario
M7A 1A1

La première ministre
de l'Ontario

Édifice de l'Assemblée législative
Queen's Park
Toronto (Ontario)
M7A 1A1



September 25, 2014

The Honourable Glen Murray

Minister of the Environment and Climate Change

77 Wellesley Street West
11th Floor, Ferguson Block
Toronto, Ontario
M7A 2T5

Dear Minister Murray:

I am honoured to welcome you to your role as Minister of the Environment and Climate Change. We have a strong Cabinet in place, and I am confident that together we will build Ontario up, create new opportunities and champion a secure future for people across our province. The people of Ontario have entrusted their government to be a force for good, and we will reward that trust by working every day in the best interests of every person in this province.

As we implement a balanced and comprehensive plan for Ontario, we will lead from the activist centre. We will place emphasis on partnerships with businesses, communities and people to help foster continued economic growth and make a positive impact on the lives of every Ontarian. This collaborative approach will shape all the work we do. It will ensure we engage people on the issues that matter the most to them, and that we implement meaningful solutions to our shared challenges.

Our government's most recent Speech from the Throne outlined a number of key priorities that will guide your work as minister. Growing the economy and helping to create good jobs are fundamental to building more opportunity and security, now and in the future. That critical priority is supported by strategic investments in the talent and skills of our people, from childhood to retirement. It is supported through the building of modern infrastructure, transit and a seamless transportation network. It is supported by a dynamic business climate that thrives on innovation, creativity and partnerships to foster greater prosperity. And it is reflected across all of our government, in every area, and will extensively inform our programs and policies.

As we move forward with our plan to grow the economy and create jobs, we will do so through the lens of fiscal prudence. Our 2014 Budget reinforces our commitment to balancing the budget by 2017-18; it is essential that every area adheres to the program-spending objectives established in it. We will choose to invest wisely in initiatives that strengthen Ontario's competitive advantage, create jobs and provide vital public services to our families. The President of the Treasury Board, collaborating with the Minister of Finance, will work closely with you and your fellow Cabinet members to ensure that our government meets its fiscal targets. The President of the Treasury Board will also lead the government's efforts on accountability, openness and modernization as we implement new accountability measures across government.

As Minister of the Environment and Climate Change, you will continue to focus your attention on ensuring clean air, water and land. You will also work with industry, stakeholders and the public to achieve compliance with environmental standards and you will establish a new long-term climate change strategy.

Your ministry's specific priorities include:

Moving Forward on Climate Change

- Building on, and supporting, the most current science, **lead the development of a new long-term climate change strategy for Ontario**. This strategy will be forward looking to 2050 and will contain an action plan to help our government achieve its greenhouse gas reduction targets for 2020. Implementing the strategy and achieving our targets will require an all-of-government approach and, as Minister of the Environment and Climate Change, you will work with and be supported by colleagues, including the ministers of Finance, Energy, Transportation, Municipal Affairs and Housing, Economic Development, Employment and Infrastructure, Agriculture, Food and Rural Affairs, Research and Innovation, and Natural Resources and Forestry to **complete the strategy in 2015**.
- Developing initiatives to engage the broader public and stakeholders in a discussion about climate change and its risks.
- Supporting the Secretary of the Cabinet and the President of the Treasury Board to ensure climate change is taken into account in the government decision-making process. This will include greenhouse gas (GHG) impact analyses for significant policies, legislation and regulations and adaptation considerations for public infrastructure investments.
- Supporting the Minister of Intergovernmental Affairs and the Minister of Energy, and working with other provinces and territories, on the development of a Canadian Energy Strategy that includes co-ordinated efforts to reduce GHG emissions.
- Developing new alternative fuel rules in 2014 to help big, energy-intensive industries reduce their GHG emissions.

Protecting the Great Lakes

- **Re-introducing a strengthened *Great Lakes Protection Act***, which recognizes the importance of the Great Lakes to Ontario's environment, economy and the health of our citizens.
- Further protecting the Great Lakes, including **making Great Lakes shorelines and beaches cleaner and safer**, through steps outlined below.
- Negotiating the renewal of, and implementing, the Canada-Ontario Agreement respecting the Great Lakes Basin Ecosystem. This will include developing a nutrient target by 2016 to address algal blooms in the Great Lakes and bringing forward recommendations to meet that target.

- Continuing to engage local communities in clean-up and restoration efforts, including through the Great Lakes Guardian Fund.
- Working with Great Lakes states to ensure the sustainability of the Great Lakes. This will include fully implementing the Great Lakes – St. Lawrence River Basin Sustainable Water Resources Agreement by regulating intra-basin transfers.

Increasing Waste Diversion

- Developing and implementing improved approaches to waste diversion. Your ministry will do so by building on the release of the Waste Reduction Strategy and working with industry, municipalities and other stakeholders toward the objective of re-introducing waste reduction legislation. The goal for your ministry is to ensure the ongoing sustainability and appropriate governance of waste diversion programs. This is critical to protecting the environment, recovering economic value in the waste stream and reaping GHG reduction benefits by using resources more efficiently.

Improving Drinking Water for First Nations

- Improving drinking water on reserves, with a focus on remote communities: the number of First Nation reserves without access to safe drinking water is unacceptable. You will work with the Minister of Aboriginal Affairs, me — in my capacity as Minister of Intergovernmental Affairs — and the federal government, who are primarily responsible for the provision of safe drinking water on reserves, to make substantive progress in this area. We will develop measurable, achievable targets to monitor progress.

Improving Pollinator Health

- Supporting the Minister of Agriculture, Food and Rural Affairs in efforts to strengthen pollinator health.

Safeguarding People from Toxics

- Working with business, industry and partner ministers to provide Ontarians with better information about chemicals linked with cancer.
- Working with industry, ensure that products on Ontario store shelves such as children's products are as safe as those in the US and the European Union.

Supporting the Development of the Ring of Fire

- Continuing to work on decisions relating to environmental assessments associated with projects in the Ring of Fire region. You will do so by working with the ministers of Northern Development and Mines, Aboriginal Affairs, and Natural Resources and Forestry. This will include ensuring that the regional and cumulative impacts of proposed development are considered.

Enhancing Polluter Responsibility

- Reviewing the legislative framework to ensure there is a comprehensive approach to holding polluters responsible for decisions that affect the environment. Your ministry will put greater emphasis on prevention and on the “polluter pays” principle, focusing initially on contaminated sites.

We have an ambitious agenda for the next four years. I know that, by working together in partnership, we can be successful. The above list of priority initiatives is not meant to be exhaustive, as there are many other responsibilities that you and your ministry will need to carry out. To that end, this mandate letter is to be used by your ministry to develop more detailed plans for implementation of the initiatives above, in addition to other initiatives not highlighted in this letter.

I ask that you continue to build on the strong relationships we have with the Ontario Public Service, the broader public sector, other levels of government, and the private, non-profit and voluntary sectors. We want to be the most open and transparent government in the country. We want to be a government that works for the people of this province — and with them. It is of the utmost importance that we lead responsibly, act with integrity, manage spending wisely and are accountable for every action we take.

I look forward to working together with you in building opportunity today, and securing the future for all Ontarians.

Sincerely,



Kathleen Wynne
Premier

The Premier
of Ontario

Legislative Building
Queen's Park
Toronto, Ontario
M7A 1A1

La première ministre
de l'Ontario

Édifice de l'Assemblée législative
Queen's Park
Toronto (Ontario)
M7A 1A1



September 25, 2014

The Honourable Ted McMeekin
Minister of Municipal Affairs and Housing

Ministry of Municipal Affairs and Housing
17th Floor, 777 Bay Street
Toronto, Ontario
M5G 2E5

Dear Minister ^{Ted}McMeekin:

I am honoured to welcome you to your role as Minister of Municipal Affairs and Housing. We have a strong Cabinet in place, and I am confident that together we will build Ontario up, create new opportunities and champion a secure future for people across our province. The people of Ontario have entrusted their government to be a force for good, and we will reward that trust by working every day in the best interests of every person in this province.

As we implement a balanced and comprehensive plan for Ontario, we will lead from the activist centre. We will place emphasis on partnerships with businesses, communities and people to help foster continued economic growth and make a positive impact on the lives of every Ontarian. This collaborative approach will shape all the work we do. It will ensure we engage people on the issues that matter the most to them, and that we implement meaningful solutions to our shared challenges.

Our government's most recent Speech from the Throne outlined a number of key priorities that will guide your work as minister. Growing the economy and helping to create good jobs are fundamental to building more opportunity and security, now and in the future. That critical priority is supported by strategic investments in the talent and skills of our people, from childhood to retirement. It is supported through the building of modern infrastructure, transit and a seamless transportation network. It is supported by a dynamic business climate that thrives on innovation, creativity and partnerships to foster greater prosperity. And it is reflected across all of our government, in every area, and will extensively inform our programs and policies.

As we move forward with our plan to grow the economy and create jobs, we will do so through the lens of fiscal prudence. Our 2014 Budget reinforces our commitment to balancing the budget by 2017-18; it is essential that every area adheres to the program-spending objectives established in it. We will choose to invest wisely in initiatives that strengthen Ontario's competitive advantage, create jobs and provide vital public services to our families. The President of the Treasury Board, collaborating with the Minister of Finance, will work closely with you and your fellow Cabinet members to ensure that our government meets its fiscal targets. The President of the Treasury Board will also lead the government's efforts on accountability, openness and modernization as we implement new accountability measures across government.

As the Minister of Municipal Affairs and Housing, you will strengthen and support communities across the province. You will work to improve affordable housing and land use planning, protect the environment and agricultural lands, strengthen partnerships with municipal governments, and review provincial policies relating to disaster relief and building codes to ensure that Ontario's communities are safe, connected and able to thrive.

Your ministry's specific priorities include:

Moving Forward on Social and Affordable Housing

- Working to implement the renewed five-year agreement with the federal government on the Investment in Affordable Housing program. As part of this investment, you will improve the availability of suitable, affordable housing for seniors and collaborate with the Minister of Health and Long-Term Care (MOHLTC) to expand supportive housing opportunities for people with mental health and addictions issues.
- Continuing to work collaboratively with the Minister of Intergovernmental Affairs, other provinces, territories and municipal partners to call on our federal partners to commit to long-term funding for social and affordable housing.
- Undertaking a review of the Long-term Affordable Housing Strategy by 2015-16 to support *Realizing Our Potential, Ontario's Poverty Reduction Strategy*. You will conduct this review, in collaboration with the Minister Responsible for the Poverty Reduction Strategy, the Minister of Community and Social Services, MOHLTC and other relevant ministers. This work will include examining the methods available to measure housing needs and related metrics, and ensuring that the strategy reflects current research and best practices and our goal to end homelessness.

Improving Land Use Planning

- Undertaking initiatives, as the lead minister for Ontario's one-window land use planning system, that will balance the need to support economic growth, protect the environment and improve the province's social well-being.
- Supporting the development of sustainable, transit-friendly complete communities by amending the *Planning Act* and the *Development Charges Act* to improve land use planning and encourage smarter growth, with these amendments ensuring respect for local official plans and decision-making, generating more growth-related revenue for transit, requiring that citizen input is considered in the land use planning process and having the effect of reducing the number of applications to the Ontario Municipal Board.
- Leading a review of the scope and effectiveness of the Ontario Municipal Board (OMB). Working with the Attorney General and key stakeholders, you will recommend possible reforms that would improve the OMB's role within the broader land use planning system.

Reviewing Provincial Growth and Greenbelt Plans

- Leading the co-ordinated review of the Growth Plan and the Greenbelt Plans, working closely with the Minister of Natural Resources and Forestry, Minister of Transportation and relevant stakeholders. Your goals are to improve alignment across provincial plans and transit investments, and to support planning and development decisions that will create more complete communities across the province, providing options for healthier living and shorter commute times for Ontarians.
- Working to protect prime agricultural lands. You will do so as part of the co-ordinated reviews of provincial land use plans, working with the Minister of Agriculture, Food and Rural Affairs, and in consultation with farmers, municipalities, stakeholders and the public.
- Finalizing the indicators for the Growth Plan for the Greater Golden Horseshoe and for the Greenbelt Plans to assess the results of the plans' implementation and develop reports to monitor progress toward more complete communities and the achievement of the plans' goals.
- Partnering with municipalities to grow the Greenbelt. You will respond to municipal requests in a timely manner ensuring there is a clear, simple process in place to address requests for further expansion.

Reviewing Municipal Governance

- Undertaking a review of the *Municipal Elections Act* after the 2014 municipal elections. You will ensure that the act meets the needs of communities, and that it provides municipalities with the option of using ranked ballots in future elections, starting in 2018, as an alternative to first-past-the-post.

Strengthening Partnerships with Municipalities

- Continuing to apply a municipal lens to decisions made across government, ensuring the impact on municipalities is carefully considered.
- Continuing to facilitate the strong relationship between the province and municipalities, including the ongoing implementation of the Memorandum of Understanding with the Association of Municipalities of Ontario (AMO), as well as the Toronto-Ontario Cooperation and Consultation Agreement. You will consult with AMO and Toronto on matters of mutual interest.
- Working with municipalities outside of these formal agreements to ensure their perspectives are also heard.

Amending the Building Code

- Reviewing the Building Code to continue to ensure buildings are safe, accessible and cost-effective. You will focus on moving Ontario forward as the North American leader in climate-resistant and environmentally efficient construction.
- Amending the Building Code to allow six-storey, wood-frame buildings, which will encourage the construction of mid-rise, mixed-use buildings.
- Considering and implementing, where appropriate, recommendations from the Elliot Lake Public Inquiry, including changes to legislation, regulation, bylaws, policies and procedures that may prevent a similar event in the future.

Reviewing Disaster Response

- Undertaking a review of the Ontario Disaster Relief Assistance Program. Your goals are to ensure the program design and criteria reflect current needs in addressing extreme weather events and build upon lessons learned from recent experiences, such as the 2013 ice storm. You will do so in alignment with the comprehensive review of the province's emergency management system by the Minister of Community Safety and Correctional Services.

Developing a Community Hubs Policy

- Working with the ministers of Health and Long-Term Care, Education, and others, to consult with stakeholders and develop clear government policy on community hubs. This policy will promote efficient use of public assets and build better ties among schools, municipalities and community organizations.

We have an ambitious agenda for the next four years. I know that, by working together in partnership, we can be successful. The above list of priority initiatives is not meant to be exhaustive, as there are many other responsibilities that you and your ministry will need to carry out. To that end, this mandate letter is to be used by your ministry to develop more detailed plans for implementation of the initiatives above, in addition to other initiatives not highlighted in this letter.

I ask that you continue to build on the strong relationships we have with the Ontario Public Service, the broader public sector, other levels of government, and the private, non-profit and voluntary sectors. We want to be the most open and transparent government in the country. We want to be a government that works for the people of this province — and with them. It is of the utmost importance that we lead responsibly, act with integrity, manage spending wisely and are accountable for every action we take.

I look forward to working together with you in building opportunity today, and securing the future for all Ontarians.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kathleen Wynne". The signature is fluid and cursive, with a prominent initial "K" and a long, sweeping underline.

Kathleen Wynne
Premier

The Premier
of Ontario

Legislative Building
Queen's Park
Toronto, Ontario
M7A 1A1

La première ministre
de l'Ontario

Édifice de l'Assemblée législative
Queen's Park
Toronto (Ontario)
M7A 1A1



September 25, 2014

The Honourable Bill Mauro
Minister of Natural Resources and Forestry

99 Wellesley Street West
Room 6630, Sixth Floor, Whitney Block
Toronto, Ontario
M7A 1W3

Dear Minister Mauro:

I am honoured to welcome you to your role as Minister of Natural Resources and Forestry. We have a strong Cabinet in place, and I am confident that together we will build Ontario up, create new opportunities and champion a secure future for people across our province. The people of Ontario have entrusted their government to be a force for good, and we will reward that trust by working every day in the best interests of every person in this province.

As we implement a balanced and comprehensive plan for Ontario, we will lead from the activist centre. We will place emphasis on partnerships with businesses, communities and people to help foster continued economic growth and make a positive impact on the lives of every Ontarian. This collaborative approach will shape all the work we do. It will ensure we engage people on the issues that matter the most to them, and that we implement meaningful solutions to our shared challenges.

Our government's most recent Speech from the Throne outlined a number of key priorities that will guide your work as minister. Growing the economy and helping to create good jobs are fundamental to building more opportunity and security, now and in the future. That critical priority is supported by strategic investments in the talent and skills of our people, from childhood to retirement. It is supported through the building of modern infrastructure, transit and a seamless transportation network. It is supported by a dynamic business climate that thrives on innovation, creativity and partnerships to foster greater prosperity. And it is reflected across all of our government, in every area, and will extensively inform our programs and policies.

As we move forward with our plan to grow the economy and create jobs, we will do so through the lens of fiscal prudence. Our 2014 Budget reinforces our commitment to balancing the budget by 2017-18; it is essential that every area adheres to the program-spending objectives established in it. We will choose to invest wisely in initiatives that strengthen Ontario's competitive advantage, create jobs and provide vital public services to our families. The President of the Treasury Board, collaborating with the Minister of Finance, will work closely with you and your fellow Cabinet members to ensure that our government meets its fiscal targets. The President of the Treasury Board will also lead the government's efforts on accountability, openness and modernization as we implement new accountability measures across government.

.../2

As Minister of Natural Resources and Forestry, you will ensure the good stewardship of Ontario's provincial parks and protected areas, forests, fisheries, wildlife, mineral aggregates, petroleum resources — and Crown lands and waters. You will also promote public understanding and the sustainable use of the province's natural resources. I ask that you work collaboratively with other ministers and a wide variety of stakeholders to develop and deliver sustainable, science-based approaches to programs and policies.

Supporting Forestry

- **Continuing** to work with forestry companies, environmental organizations, First Nations and community representatives to ensure that Crown forest resources are being put to their best use — and in an economically, socially and environmentally sustainable fashion.
- **Working with municipalities and other partners to promote urban forestry. Your goal is to work with these partners to plant one million trees in urban areas as part of our commitment to plant 50 million trees provincewide.**

Minimizing the Impact of Invasive Species

- Preparing the Invasive Species Act for re-introduction. You will continue to address concerns surrounding the prevention, early detection and eradication of — and rapid response to — invasive species in Ontario's natural environment.
- Advocating and collaborating with other jurisdictions to address the threat of invasive species. You will present Ontario's concerns at the bi-national and federal level.

Guiding Land Use Planning

- Developing a Far North Land Use Strategy, as required under the *Far North Act*. The strategy would provide policy guidance on which joint planning teams in the Far North can draw as they develop community-based land-use plans.
- Working with the Minister of Northern Development and Mines and the Minister of the Environment and Climate Change to support robust and comprehensive environmental assessments and planning related to projects in the Ring of Fire region.

Managing Aggregates

- Engaging with stakeholders, Aboriginal communities and other concerned ministers to address the recommendations of the Standing Committee on General Government's Report on the Review of the Aggregate Resources Act. You will also bring forward recommended regulatory and legislative changes to improve the *Aggregate Resources Act*.

Strengthening Biodiversity

- Supporting the Biodiversity Strategy. You will continue to work with other ministers and partners to advance measures aimed at further strengthening and protecting Ontario's biodiversity.

Protecting Wetlands

- Working with other ministers, municipalities and partners to conduct a review of Ontario's broader wetland strategy. Your goal is to strengthen wetland policies and stop the net loss of wetlands.

Implementing the *Endangered Species Act*

- Implementing the *Endangered Species Act*. I ask that you continue to implement the act in a way that protects and promotes the recovery of species at risk in Ontario.

We have an ambitious agenda for the next four years. I know that, by working together in partnership, we can be successful. The above list of priority initiatives is not meant to be exhaustive, as there are many other responsibilities that you and your ministry will need to carry out. To that end, this mandate letter is to be used by your ministry to develop more detailed plans for implementation of the initiatives above, in addition to other initiatives not highlighted in this letter.

I ask that you continue to build on the strong relationships we have with the Ontario Public Service, the broader public sector, other levels of government, and the private, non-profit and voluntary sectors. We want to be the most open and transparent government in the country. We want to be a government that works for the people of this province — and with them. It is of the utmost importance that we lead responsibly, act with integrity, manage spending wisely and are accountable for every action we take.

I look forward to working together with you in building opportunity today, and securing the future for all Ontarians.

Sincerely,



Kathleen Wynne
Premier



MNR5805MC-2014-1004

November 4, 2014

Ms. Eleanor McMahon
Parliamentary Assistant
Ministry of Natural Resources and Forestry
Suite 6521, Sixth Floor, Whitney Block
99 Wellesley Street West
Toronto ON M7A 1W3

Dear Eleanor,

It is an honour and a pleasure to have you as my Parliamentary Assistant. I would like to take this opportunity to welcome you to the Ministry of Natural Resources and Forestry and to outline some of the important work that lies ahead of us.

As you know, our government has a plan to invest in the talent and skills of our people, build modern infrastructure, support a dynamic and innovative business climate, and provide better retirement security to people across the province. At the heart of this plan are partnerships with businesses, people and communities, which will help our government grow the economy, create jobs and implement solutions that have a meaningful impact on people's lives.

This balanced and comprehensive plan is underpinned by a focus on fiscal prudence. The mandate letter I received last month from Premier Wynne reinforced our government's commitment to balance the budget by 2017-18 and to pursue increased openness, accountability and modernization.

Parliamentary Assistants play a key role in delivering these priorities and have a responsibility to put our government's plan into action.

The Premier has laid out seven priority areas for the Ministry of Natural Resources and Forestry in the mandate letter that I received on September 25, 2014: supporting forestry, minimizing the impact of invasive species, guiding land use planning in the Far North, managing aggregates, strengthening biodiversity, protecting wetlands, and implementing the *Endangered Species Act*.

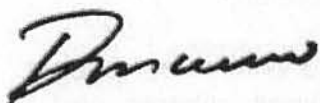
As Parliamentary Assistant to the Minister of Natural Resources and Forestry, your specific responsibilities include:

- Working alongside me to facilitate a review of Ontario's broader wetland strategy to strengthen wetland policies with an objective to stop the net loss of wetlands.
- • Engaging with ministries, municipalities and stakeholders to initiate a review of the *Conservation Authorities Act*, including addressing roles, responsibilities and governance of conservation authorities in resource management and environmental protection.

I am confident that together, working in collaboration with our partners in the public, private and not-for-profit sectors, we can deliver on our commitment to the people we are privileged to represent and serve. I look forward to working with you to deliver our ministry's mandate, build Ontario up — and help achieve a brighter future for every person in this province.

Sincerely,

This bullet almost quotes Conservation Ontario's Whitepaper entitled "Watershed Management Futures for Ontario" (2012)



Bill Mauro
Minister of Natural Resources and Forestry

Status Report

4.(ii)



To: Board of Directors
Date: November 3, 2014
From: Brian McDougall, General Manager
Re: Ontario Not-For-Profit Corporations Act (ONCA)

- ☞ the ONCA passed third reading in 2010. It has not yet been proclaimed. In order to be proclaimed, another piece of legislation, Bill 85, was introduced in 2013 that dealt with technical amendments necessary to implement the ONCA. Bill 85 was in the midst of second reading in May 2014 when the provincial election was called for June 12, 2014. That means Bill 85 is now null and void – it has “died on the order paper”
- ☞ for ONCA to be proclaimed, these technical amendments still need to be passed. Therefore, Bill “85” (the Bill will be given a new number the second time around) will have to be re-introduced and the legislative process started over again... beginning with first reading, followed by second reading, committee review and third reading (and Royal Assent).
- ☞ there is no firm date when Ontario's *Not-For-Profit Corporations Act, 2010*(ONCA) will take effect. This process could take a few months or much longer depending on the priorities of the government. Although we don't have a firm timeline, it's unlikely that the ONCA will be proclaimed before mid 2015 or even 2016. The sector will still have a three-year period of time to implement the changes.
- ☞ when it takes effect, the ONCA will require organizations to share their membership list, including contact information, with any member who asks for it. Privacy legislation doesn't apply, so members can't choose to opt out. While members have a similar right under the current law, the ONCA changes to membership may mean that members will request this kind of information more often.

Conservation Ontario Council
Minutes from Meeting #3/14
Monday, September 29, 2014
Black Creek Pioneer Village

Members Present:

Mark Burnham, Mississippi Valley, Vice Chair

Brian Horner, Ausable Bayfield
Steve Knechtel, Cataraqui Region
Kim Smale, Catfish Creek
Deb Martin-Downs, Credit Valley
Tim Pidduck, Crowe Valley
Ray Renaud, Essex Region
Richard Wyma, Essex Region
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
James Howlett, Hamilton
Bill Mackie, Kettle Creek
Elizabeth VanHooren, Kettle Creek
Geoffrey Dawe, Lake Simcoe Region
Gayle Wood, Lake Simcoe Region
Bill Bartley, Lakehead Region
Mervi Henttonen, Lakehead Region
Cliff Evanitski, Long Point Region

Patricia Westrope, Lower Trent
Glenda Rodgers, Lower Trent
Art Versteeg, Maitland Valley
Phil Beard, Maitland Valley
Paul Lehman, Mississippi Valley
Bruce Timms, Niagara Peninsula
Carmelo D'Angelo, Niagara Peninsula
Lin Gibson, Nickel District
Brian Tayler, North Bay-Mattawa
Dan Marinigh, Otonabee
Terry Murphy, Quinte
Alton Blair, Raisin Region
Roger Houde, Raisin Region
Ken Graham, Rideau Valley
Sommer Casgrain-Roberston, Rideau Valley
Wayne Brohman, Saugeen
William Smirle, South Nation
Dennis O'Grady, South Nation
Steve Arnold, St. Clair Region
Brian McDougall, St. Clair Region
Brian Denney, Toronto and Region
Jane McKelvie, Upper Thames River
Ian Wilcox, Upper Thames River

Members Absent:

Central Lake Ontario
Kawartha
Mattagami Region

Nottawasaga Valley
Sault Ste. Marie

Guests:

Chris Darling, Central Lake Ontario
Scott Peck, Hamilton
Duncan Abbott, Mississippi Valley
Denyse Sanderson, Otonabee

Bev Brasier, Buffet Taylor
David Czuczman, Buffet Taylor
Dr. Blair Feltmate, University of Waterloo

Staff:

Kim Gavine, General Manager
Chitra Gowda
Jayme Crittenden
Jane Dunning
Bonnie Fox

Jane Lewington
Matthew Millar
Leslie Rich
Jo-Anne Rzadki
Rick Wilson

1. Welcome from the Chair

Vice Chair Burnham called the meeting to order.

He introduced Chris Darling from the Central Lake Ontario Conservation Authority who will be taking on the role of Chief Administrative Officer on January 5th, 2015.

He also introduced Chitra Gowda who has joined Conservation Ontario as their Source Water Protection Lead.

2. Adoption of the Agenda

#20/14 Moved by: Bill Smirle

Seconded by: Forrest Rowden

That the agenda be adopted as circulated.

CARRIED

3. Declaration of Conflict of Interest

There was none.

4. Approval of the Minutes of the Previous Meeting

#21/14 Moved by: Steve Knechtel

Seconded by: Bill Bartley

THAT the Minutes for the meeting #02/14, June 23, 2014 be approved as circulated.

CARRIED

5. Business Arising from the Minutes

There was none.

6. Election of Conservation Ontario Director

#22/14 Moved by: Jane McKelvie

Seconded by: Lin Gibson

THAT Bonnie Fox and Jane Lewington be appointed as scrutineers in the event of a vote.

CARRIED

Mark Burnham called for nominations for a Director (staff position) for 2014.

Paul Lehman (Mississippi) nominated Steve Knechtel (Cataraqui Region).

Cliff Evanitski (Long Point) nominated Ken Phillips (Conservation Halton).

Mark Burnham called a second and third time for nominations and hearing none called for a motion to close the nominations.

#23/14 Moved by: Ken Graham Seconded by: Forrest Rowden

THAT the nominations for staff position Director of Conservation Ontario be closed.

CARRIED

Steve Knechtel and Cliff Evanitski accepted their nominations. Ballots were cast and counted. **Steve Knechtel was elected Director of Conservation Ontario.**

#24/14 Moved by: Don Pearson Seconded by: Lin Gibson

THAT the ballots be destroyed.

CARRIED

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

#25/14 Moved by: Ken Graham Seconded by: Forrest Rowden

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

CARRIED

8. Committee of the Whole - Items for Decision

#C.W. 26/14 Moved by: Bill Smirle Seconded by: Bill Bartley

THAT Council approve a consent agenda and endorse the recommendations accompanying Decision Items 8-3 to 8-7.

Staff advised council that item 8-4 required discussion and therefore requested that it be removed from the consent agenda.

#C.W. 27/14 Moved by: Jane Mitchell Seconded by: Don Pearson

THAT Council approve a consent agenda, as amended, and endorse Decision Items 8-3, 8-5, 8-6, and 8-7.

CARRIED

- 3) Ministry of Natural Resources and Forestry (MNRF) / Conservation Ontario (CO) Cooperative Agreement for the Hydrometric Monitoring Network in Ontario

THAT Conservation Ontario on behalf of the Conservation Authorities sign the “Cooperative Agreement for the Hydrometric Monitoring Network in Ontario” with the Ministry of Natural Resources and Forestry;

AND THAT Alec Scott (Ausable Bayfield Conservation Authority) and alternative Dwight Boyd (Grand River Conservation Authority) be confirmed as the Conservation Ontario representatives on the Ontario Hydrometric Program Coordinating Committee.

- 5) Great Lakes Water Quality Agreement Update on Committees and Endorsement of Science Annex 10 Subcommittee

THAT Chitra Gowda (Conservation Ontario) be endorsed to represent Conservation Ontario on the Science Annex Bi-national Sub-committee.

- 6) Draft Conservation Ontario (CO) – Fisheries and Oceans Canada (DFO) Memorandum of Understanding (MOU)

THAT the draft “Memorandum of Understanding between Fisheries and Oceans Canada and Conservation Ontario for Cooperation for Fisheries and Aquatic Resource Protection in Ontario” dated September 18, 2014 be endorsed for signing.

- 7) CO Representative for Participation in the Aggregate Resources Act Review

THAT Council endorse Barbara Veale as the CO Representative at the multi-stakeholder sessions on the Aggregate Resources Act and Brenda Axon as the alternative.

CARRIED

- 1) Conservation Ontario 2015 Workplan

Kim highlighted the proposed 2015 Workplan report as provided in the agenda package.

Gayle Wood (LSRCA) encouraged performance indicators be established.

Art Versteeg (Maitland Valley) suggested a better connection to municipal organizations, such as AMO, ROMA should be included in the advocacy section of the workplan.

#C.W. 28/14 Moved by: Ken Graham

Seconded by: Dan Marinigh

THAT Council adopt the proposed 2015 workplan as a basis for approving the 2015 operating budget.

CARRIED

2) Proposed 2015 Operating Budget and CA Levy

It was clarified that as of December 31, 2013 there was \$181,344 in Unrestricted Reserves. Concern over separating the Special Projects Budget from the Operating Budget was discussed and will be referred to the Budget and Audit Committee for consideration.

#C.W. 29/14 Moved by: Don Pearson Seconded by: Ken Graham

THAT Council adopt the 2015 Proposed Operating Budget as presented.

CARRIED

#C.W. 30/14 Moved by: Jane McKelvie Seconded by: Steve Knechtel

THAT the general levy of \$1,113,000 be approved and apportioned in accordance with the attached schedule.

CARRIED

4) CO Positioning on the Upcoming Provincial Review of the Greenbelt, Niagara Escarpment and the Oak Ridges Moraine Conservation Plan

Leslie Rich's (CO) presentation highlighting amendments to the draft positioning is attached to the minutes of the meeting.

#C.W. 31/14 Moved by: Ken Graham Seconded by: Ray Renaud

THAT the draft CO Positioning on the Upcoming Provincial Review of the Greenbelt, Niagara Escarpment and the Oak Ridges Moraine Conservation Plan be endorsed as amended.

CARRIED

5) Conservation Ontario's Business Case for Strategic Reinvestment in Ontario's Flood Management Programs (Flood Business Case)

Jo-Anne Rzadki's presentation is attached to the minutes.

#C.W. 32/14 Moved by: Bruce Timms Seconded by: Forrest Rowden

THAT Conservation Ontario Council endorses the following CA and CO staff as members of the Flood Management Business Case Working Group and Sub-Committees:

Core Working Group (Strategic oversight)

Deb Martin Downs (CVC); Carolyn Woodland, Sameer Dhalla (TRCA), Joe Farwell (Grand River CA); Jeff Brick (UTRCA); Angela Coleman (SNC); Mark Peacock (Ganaraska); Hazel Breton

(HCA); Mike Walters/Alternate (LSRCA, Jo-Anne Rzadki, Kim Gavine, Bonnie Fox, Rick Wilson (CO) David Vallier (Mattagami);

Technical Sub-Committee

Sandra Mancini (SNC); Neelam Gupta/John Kinkead (CVC); Sameer Dhalla/Laurian Farrell, Laurie Nelson (TRCA); Ian Jeffery/Mark Peacock (Ganaraska); Jonathan Bastien (HCA); Dwight Boyd (Grand River); Mark Shifflet (UTRCA) Jo-Anne Rzadki, Rick Wilson (CO);

Water and Erosion Control Infrastructure (WECI) Asset Management Sub-Committee

Bryon Keene (Quinte Conservation), Rick Goldt (UTRCA), Gus Rungis, Sonja Radoja and Phil Lenoir(Grand River CA), Laurian Farrell (TRCA), and Bonnie Fox (Conservation Ontario);

Insurance Industry Relations Sub-Committee

Deb Martin Downs (CVC); Joe Farwell (Grand River); Carolyn Woodland/ Laurian Farrell/Laurie Nelson/Chandra Sharma, Sameer Dhalla (TRCA); Jeff Brick (UTRCA); Angela Coleman (SNC); Hazel Breton (HCA); Mark Peacock/ Ian Jeffrey (Ganaraska); Jo-Anne Rzadki, Kim Gavine, Rick Wilson (CO);

Small Rural and Northern Sub-Committee

David Vallier (Mattagami Region CA), Bryon Keene (Quinte Conservation), Tim Pidduck (Crowe Valley CA), Joe Farwell (Grand River CA), Mike Walters (Lake Simcoe Region CA), [Brian McDougall \(St Clair Region CA\)](#), and, Bonnie Fox (Conservation Ontario);

AND THAT Conservation Ontario endorse the key messages highlighted in Attachment 1 as the basis for an initial response to the National Floodplain Mapping Assessment and proposed National Floodplain Management Framework.

CARRIED

#C.W. 33/14 Moved by: Bruce Timms Seconded by: Deb Martin-Downs

THAT Carmen D'Angelo (Niagara Peninsula) be added to the Core Working Group;

THAT Geoff Verkade (Niagara Peninsula) be added to the Technical Sub-Committee;

AND THAT David Barrick (Niagara Peninsula) be added to the Insurance Industry Relations Sub-Committee.

CARRIED

#C.W. 34/14 Moved by: Jane Mitchell Seconded by: John Cotrill

THAT Joe Farwell (Grand River CA) be added to the Small Rural and Northern Sub-Committee

CARRIED

9. Program Updates

1) Source Water Protection

Chitra's presentation is attached to the minutes of the meeting.

2) Marketing and Communications

There were no updates to the report provided with the agenda.

3) Business Development & Partnerships

There were no updates to the report provided with the agenda.

4) Conservation Authority Member Services

There were no updates to the report provided with the agenda.

10. Presentations

Climate Change, Extreme Weather and Flooding: Property and Casualty Insurance Priorities (Dr. Blair Feltmate, Chair, Climate Change Adaptation Project University of Waterloo)

Jo-Anne introduced Blair Feltmate, whose presentation is attached to the minutes of the meeting.

11. Committee of the Whole – Items for Information

1) General Manager's Report

Kim Gavine highlighted her report.

Bill Smirle (South Nation) encouraged members to meet with their MPs and MPPs on an annual basis.

2) Budget Status Report to August 31, 2014

Kim addressed the temporary deficit in the Special Projects budget.

3) Regional Storm Control Project Update

There were no updates to the report provided with the agenda.

4) Update on Progress from Planning and Regulations BMP Day

There were no updates to the report provided with the agenda.

5) Group Benefits Renewal – 2014/15

Don Pearson (LTVCA) requested that the committee revisit the option of obtaining a rider for all Accidental Death and Disability (AD&D) policies to cover CA employees who travel on an aircraft or charter an aircraft in the course of their duties. Denyse Sanderson (Committee Chair) confirmed that this would be discussed at their meeting in October, it being noted that at least 13 CAs have indicated that they do fly on aircraft as part of their business.

6) 2014 A.D. Latornell

Deb Martin-Downs (CVC) encouraged members to consider items they could donate to the Dream Auction which raises funds for the Grant Program.

7) Project Tracking

There were no updates to the report provided with the agenda.

8) Correspondence

- CO to Minister of Foreign Affairs re: Plan 2014 for Lake Ontario and St. Lawrence River
- Minister of Municipal Affairs and Housing to Chair Dick Hibma
- Minister of Municipal Affairs and Housing to Kim Gavine
- Minister of Natural Resources and Forestry to Chair Dick Hibma
- Minister of Natural Resources and Forestry to Kim Gavine
- Minister of Economic Development, Employment and Infrastructure to Chair Dick Hibma
- Minister of Economic Development, Employment and Infrastructure to Kim Gavine
- Ministry of Natural Resources and Forestry (Scheduler) to Chair Dick Hibma

12. Motion to Move from Committee of the Whole to Full Council

#26/14 Moved by: Ken Graham

Seconded by: Bill Smirle

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

CARRIED

13. Council Business

- Council Adoption of Recommendations

#27/14 Moved by: John Cottrill

Seconded by: Forrest Rowden

***THAT Conservation Ontario Council adopt Committee of the Whole (C.W.) Recommendations:
C.W. #26/14 to C.W. #34/14.***

CARRIED

14. New Business

Ken Phillips (Halton) reminded members of the 2014 Conservation Areas Workshop being held on October 29, 30 & 31, *Great Places, Great Expectations*.

Deb Martin-Downs (CVC) noted that there is a vacancy on the CA University working group, interested persons should contact Deb.

Geoffrey Dawe (LSRCA) expressed concern with the process whereby a portion of today's agenda was dealt with as a "consent agenda" noting that members need to be aware of this prior to the meeting and that a policy should be in place to address this for future meetings.

Vice Chair Burnham announced that there would be a meeting of the Board of Directors immediately following the Council Meeting.

15. Adjourn

Moved by: Bill Bartley

The meeting was adjourned.

Staff Report

6.(i)



To: Board of Directors
Date: November 3, 2014
From: Marlene Dorrestyn
Subject: Business Arising from June 26, 2014 meeting

- 2015 Preliminary Draft Budget
 - requested a comparative column for budget to last year.
 - as soon as CVA numbers come in, can the updated budget be sent to municipalities.
- McLean Conservation Lands Management Agreement
 - the formal definition of lands was stated in the agreement.

Staff Report

7 (i)



To: Board of Directors
Date: October 24, 2014
From: Kevan Baker, Director of Lands
Subject: Conservation Lands Update

Conservation Areas:

Warwick Conservation Area:

- 15 new picnic tables and 3 new benches have been constructed and distributed
- a new 300 meter bike cross trail has been constructed (funded through Foundation bingo)
- a new 620 meter trail has been developed; work included chip & dust surfacing, signage and installation of vehicle gates (funded through St. Clair Conservation Foundation)
- a 500 meter section of the Blue Flag trail was resurfaced with chip & dust; also a number of dead ash trees were removed along the trail
- a room within the workshop has been renovated to accommodate a staff lunch room
- steel siding has been installed on the pool pump house building and pool washroom shower areas
- 20 white cedar trees have been planted (funded by Foundation bingo)
- 7 large dead ash trees and 40 stumps to be removed



L.C. Henderson Conservation Area:

- 15 new picnic tables and 2 benches have been constructed and distributed
- 5 new folding tables have been purchased for the visitor centre (funded through Foundation bingo)
- the main reservoir weir has been reconstructed with new cable concrete surfacing and additional rip rap protection
- 600 meters of existing trail have been surfaced with chip & dust; two sections of boardwalk have been upgraded to improve accessibility on this trail



- 25 shrubs and 38 hardwood and deciduous trees have been planted
- improvements have been made to the conservation area phone system

A.W. Campbell Conservation Area:

- new counter top and sinks have been installed in the women's pool washroom
- 15 new picnic tables have been constructed and distributed
- new carpet has been installed on the mini golf course (funded through Foundation bingo)
- a new bike cross trail has been constructed (funded through Foundation bingo)
- WIFI system has been upgraded with the installation of a new remote transmitter
- sections of the main lake trail have been surfaced with chip & dust
- 50 hardwood, shrubs and spruce trees have been planted
- a number of dead ash trees and stumps have been removed



Wawanosh Conservation Area:

- A new property identification sign has been installed
- 8 picnic tables have been installed in the pavilion
- 26 memorial trees have been planted

Strathroy Conservation Area:

- Bonduelle Foods donated \$10,000 to improve trails and picnic tables within the conservation area; this donation included 4 new picnic tables with concrete pads (one accessible table), 375 meters of new trail surfacing, 25 new parking curbs installed, new chain gate and gravel for the parking lot
- due to stream bank erosion, the main trail bridge over the Sydenham River was enlarged



C.J McEwen Conservation Areas:

- renovations to the washrooms have been completed, they included new washroom partitions and ceilings; and floors and walls have been painted.
- staff is reviewing the condition of the current pavilion and will be presenting a report at the December board meeting

Camping Statistics:

- 419 full, half and quarter seasonal campers have registered in our 3 campgrounds, up from 406 in 2013. 188 seasonal campers are registered at Warwick (189 in 2013), 123 at LC Henderson (118 in 2013) and 108 at A.W. Campbell (99 in 2013).
- 2014 was a busy year in our campgrounds, gross revenues were \$1,013,000 (up 4.3%), with seasonal camping up \$ 50,000 to \$ 745,000 or 74 percent of our total revenue (end of September financial summary). The only negative from this year; our overnight

camping was down approximately \$ 16,000 from 2013; mostly due to the loss of revenue from the Victoria Day weekend (campgrounds were closed due to ground conditions).

McKeough Lands (Kelli Smith – Biological Technician)

- Property Management Plans for 11 agricultural rental parcels in the McKeough Upstream Lands have been completed with recommendations and management actions for these properties.
- Property Management Plans are designed to highlight the property description, historical use, farming practices, forest management, soil and water management, species at risk management, and other key features of the property while addressing environmental risks through best management practices such as riparian planting along watercourses and installing erosion control structures
- projects that have come out of the recommendations include: Riparian Buffers, Wetlands, Erosion Works, and Agricultural Tile Drainage
- funding for riparian buffers and wetlands was applied for through an application to Wildlife Habitat Canada (WHC) in November 2013.
- \$22,000 was received from WHC and has been instrumental in the planting of 11 acres of riparian buffer along Black Creek and the North Sydenham River, as well as the construction of two wetlands (8 acres) one of which was completed this spring and the second will be constructed this fall.
- five Property Management Plans are also part of the project with funds going towards the development and creation of these plans.
- Ducks Unlimited and Ministry of Natural Resources and Forests are also partners in this project and have contributed a total of \$10,000 for construction and riparian planting.
- more erosion control work, buffers, and wetlands are recommended for several other properties within the McKeough Lands and funding has been applied for to complete this work through applications to the National Wetland Conservation Fund and HSP Prevention Stream.
- the following chart outlines projects which have been completed and those which are proposed on the McKeough Upstream Lands



Projects

	Completed	Proposed
Buffers	5 Properties (11.1 acres)	10 Properties (13.4 acres)
Wetlands	2 Properties (3 acres)	5 Properties (18.8 acres)
Erosion Works	3 Properties	13 Properties
Tile Installation	1 Property	6 Properties

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 tendered a section of the woodlot for commercial thinning; in cooperation with Lambton County, two proposals were received and thinning operations have begun and we are anticipating completion this fall

Marthaville:

- a new trail sign was installed
- 200 feet of property line fencing to be installed along the north side of the property
- staff regularly inspect and perform maintenance

Bowens Creek:

- 8,100 seedlings were planted and 43,000 previously planted seedlings to be sprayed with herbicide to control grass and weeds

Perch Creek

- trail improvements to include widening and extending the existing trail
- 1,000 seedlings have been planted to replace ash trees affected by the Emerald Ash borer

Staff Report

To: Board of Directors
Date: October 22, 2014
From: Kevan Baker, Director of Lands
Subject: Warwick Conservation Area Access

Project Background:

- the Conservation Authority owns and operates the Warwick Conservation Area, in the Township of Warwick
- the Conservation Area has over 200 campsites and is a busy camping destination between May and October.
- the main access roadway is currently owned by Warwick Township, St. Clair Conservation and a private individual
- this roadway is critical to the operation of the campground as it must safely facilitate large recreational and emergency vehicles.
- in late fall of 2011, a section of the roadway was eroded by high water levels on the adjacent Bear Creek.
- the resulting bank slump was caused by the stream undercutting the existing bank, reducing the road to one lane
- the current roadway condition exposes each owner to a greater liability risk
- Shoreline Engineers were contracted to assess the damage and prepare a design to repair the eroded area; estimated cost to repair was approximately \$ 35,000.00
- to ensure that the erosion protection was completed properly, a portion of the work would be required within the watercourse.
- an application and design was submitted for approval to DFO, but was rejected due to the in-water works component of the project (rare mussels have been identified in the immediate water shed area and no in-water works was permitted)



- to protect the stream bank without in-water works, would require a wider work area so to permit for a more gradual sloping of the erosion protection
- this design would require a portion of the existing roadway and would result in the remaining roadway being too narrow to accommodate regular traffic.

Committee Summary:

- we have met with Municipal staff and the adjacent landowner a number of times over the past few year and have discussed the options to ensure an Authority owned, long term reliable entrance to the conservation area
- from these meetings and review of all the information, it has been recommend to relocate the roadway by securing land from the municipality and the adjacent landowner
- the municipality has lead the land securement portion of the project
- at this time, it is felt that we can proceed with the necessary agreements and transfers, which will permit the construction of the roadway.
- the following is a list of conditions the adjacent landowner wishes to have included in the agreements, before his property is transferred to the Conservation Authority



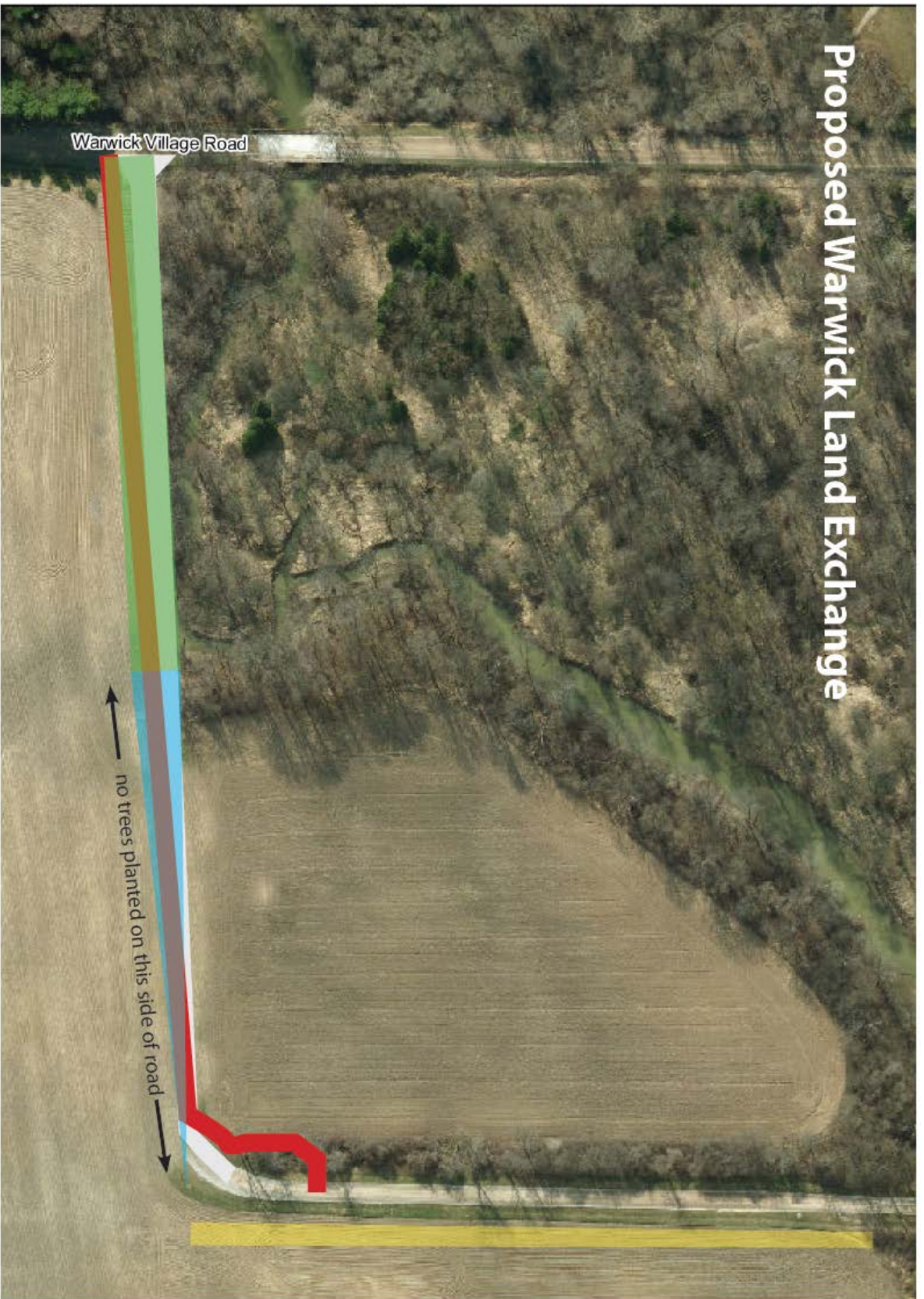
Transfer Conditions:

- that the private landowner be provided an access easement along the main Conservation Area roadway to allow him to have access to his agricultural fields. Within this agreement an equipment turnaround will be provided by the Conservation Authority (identified on the mapping provided) to aid in his harvest operation.
- that no trees be planted along certain portions of the main access road (identified on the map)
- that the private landowner be compensated an equal amount of land in lieu of land being required from him for the construction of the roadway. This can be achieved by transferring Authority land presently being tilled by him, but not under any formal lease.
- Conservation Authority will be responsible for all cost associated with the transfer of lands and construction of the roadway

Staff Recommendations:

- to proceed with the transfer and agreements required to secure the necessary land to facilitate road construction
- that we install boundary markers on the newly transferred lands to permanently identify the property.
- that the adjacent landowner be responsible for the long term maintenance of the equipment turnaround roadway.

Proposed Warwick Land Exchange



Transfer from Township to Authority



Transfer from Ferguson to Authority



Transfer from Authority to Ferguson

Staff Report

To: SCRCA Board of Directors
 Date: October 31, 2014
 From: Steve Clark, Water Resources Specialist
 Subject: Current Watershed Conditions

8.(i)



Highlights:

- Seasonal water levels across the watershed
- Average precipitation with significant storm event in early September
- Lake levels continue to improve over 2013

Watershed Precipitation and Streamflow Conditions

Flow conditions throughout the fall season have been consistent with seasonal normal levels. As expected some increased flows were experienced coinciding with rain events (fig 2). The most significant event was in early September when over **70mm** fell over several days in the Sarnia and upper reaches of the watershed. This event was easily accommodated by the watercourses due to the existing lower seasonal levels. Other smaller events were distributed into October when the impact of higher September flows had been dissipated across the watershed. Regional precipitation figures (fig 3) remain above normal at **118%** for the three month average and **113%** of normal for the six month period. We have currently received an average **104%** of the normal year to date precipitation (fig 4) based on the 2014 calendar year as well as **100.6%** for the last full 12 month period for the region.

Fig 1. Station Flow Comparison – (Sept - Oct 2014 vs. 2013) SCRCA

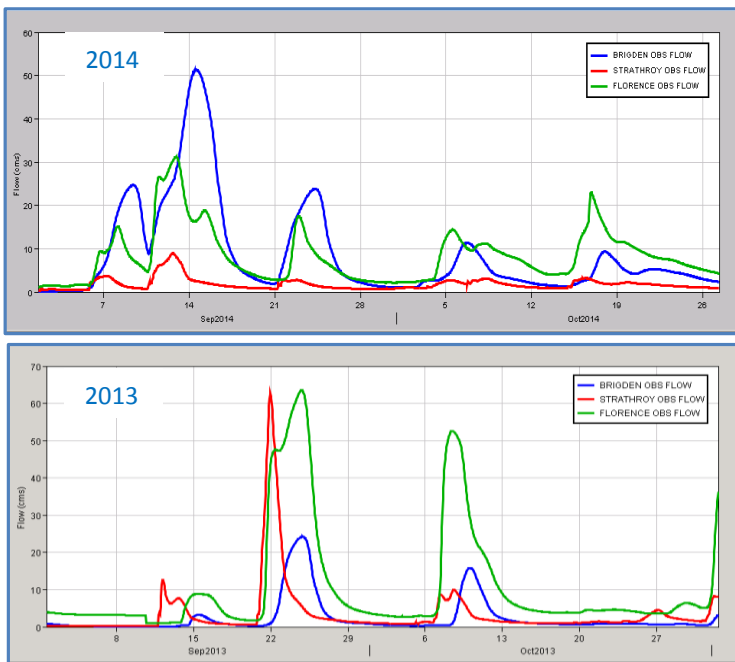


Fig 3. Regional Precipitation (Source: Environment Canada)

Precipitation (mm)	Sarnia		Strathroy		London		Windsor	
Last Quarter	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
October	40.2	66	73.6	70.8	57.1	77.6	76.2	64.9
September	95.3	94	185	89.8	173.2	97.7	135	96.2
August	82.3	77.1	65.3	82.1	41	85.3	132	79.7
Averages								
last 3 month totals	217.8	237.1	323.9	242.7	271.3	260.6	343.2	240.8
last 3 month % of normal	91.9%		133.5%		104.1%		142.5%	
regional average	118.0%							
last 6 month totals	404.3	466.6	562.9	462.9	532.6	512.5	700.4	493.2
last 6 month % of normal	86.6%		121.6%		103.9%		142.0%	
regional average	113.5%							
last 12 month totals	832.2	846.8	952.3	945.1	852.4	987	1085.4	918.4
last 12 month % of normal	98.3%		100.8%		86.4%		118.2%	
regional average	100.9%							

Fig 2. Distribution of rain events- Sept/Oct (Source: SCRCA)

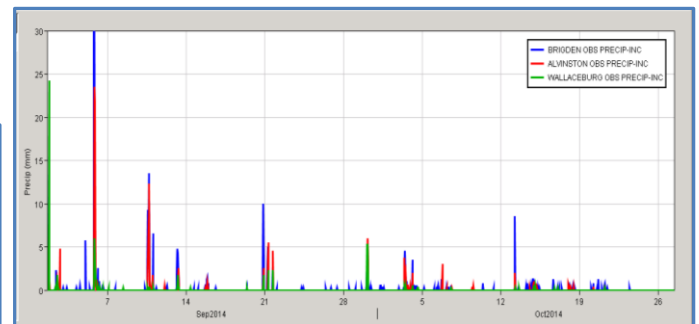
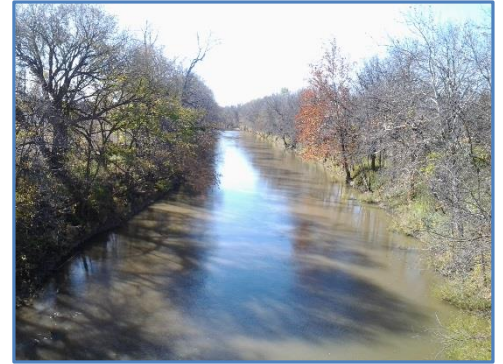


Fig 4. Year to Date precipitation-select locations (Source: EC)

Calendar 2014 Year to date	Sarnia	Strathroy	London	Windsor
Rain Received YTD (mm)	677	793	733	961
Normal YTD (mm)	702.4	758.2	807.3	768.2
Percent of Normal YTD	96%	105%	91%	125%

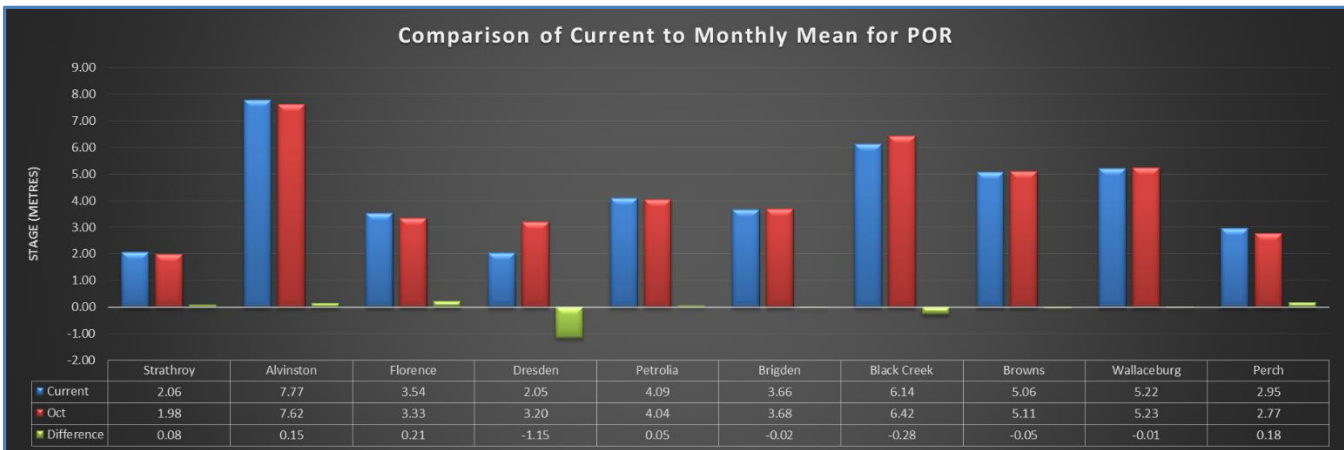
Flood Threat

As noted in figure 5, actual flows were compared with average ten year water levels and most hydrometric stations reported at or only slightly above average levels with the exception of the Dresden station. This discrepancy was identified as a technical/equipment failure and has been repaired. All other stations have been calibrated and are ready for the coming winter season. Extensive rainfall in the northern parts of our watershed during the second week of September resulted in a Watershed Conditions Statement on the 10th of the month. Precipitation events such as this illustrates the impact of sudden and extensive rainfall over short time periods impacting significantly on the watercourses that were at normal levels prior to the event.



These changing conditions are carefully monitored to assess potential localized flood situations as we move into summer. **Advisories will continue to be provided as watershed conditions dictate.**

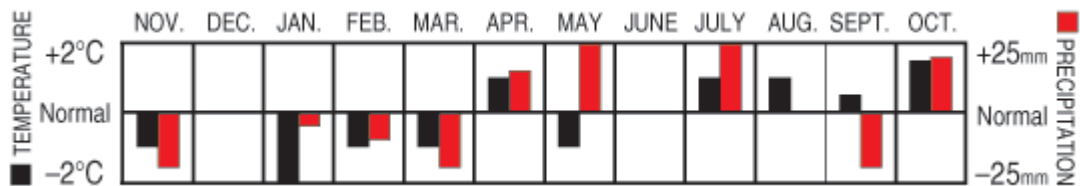
Fig 5. October River Levels by Station Compared to Period of Record (SCRCA and WSC)



Weather Forecast (Data: Weather Network, Environment Canada, OFA)

- | | |
|----------|--|
| November | <ul style="list-style-type: none"> Sunny with slightly average temperatures and precipitation for the month |
| Fall | <ul style="list-style-type: none"> Slightly below normal temperatures and precipitation are expected into the winter season |

12 Month Outlook Summary



Environment Canada (EC) and the Climate Prediction Center (CPC) are forecasting greater chances for above normal temperatures for November through December for their respective Canadian and U.S. Great Lakes basins and temperatures slightly below normal into 2015. However, both EC and the CPC indicate there is no clear signal on whether precipitation will be above, near, or below normal for their basins for the same time period. El Niño has a 60-70% chance of developing by mid to late fall. Based on previous years, El Niño winters tend to be warmer than normal in the Great Lakes basin, with drier than normal conditions in the eastern basin, less snow than usual, and reduced ice cover on the lakes. Modelled forecasts however tend to reduce the effect of El Niño significantly into January as noted in the 12 month Outlook Summary above.

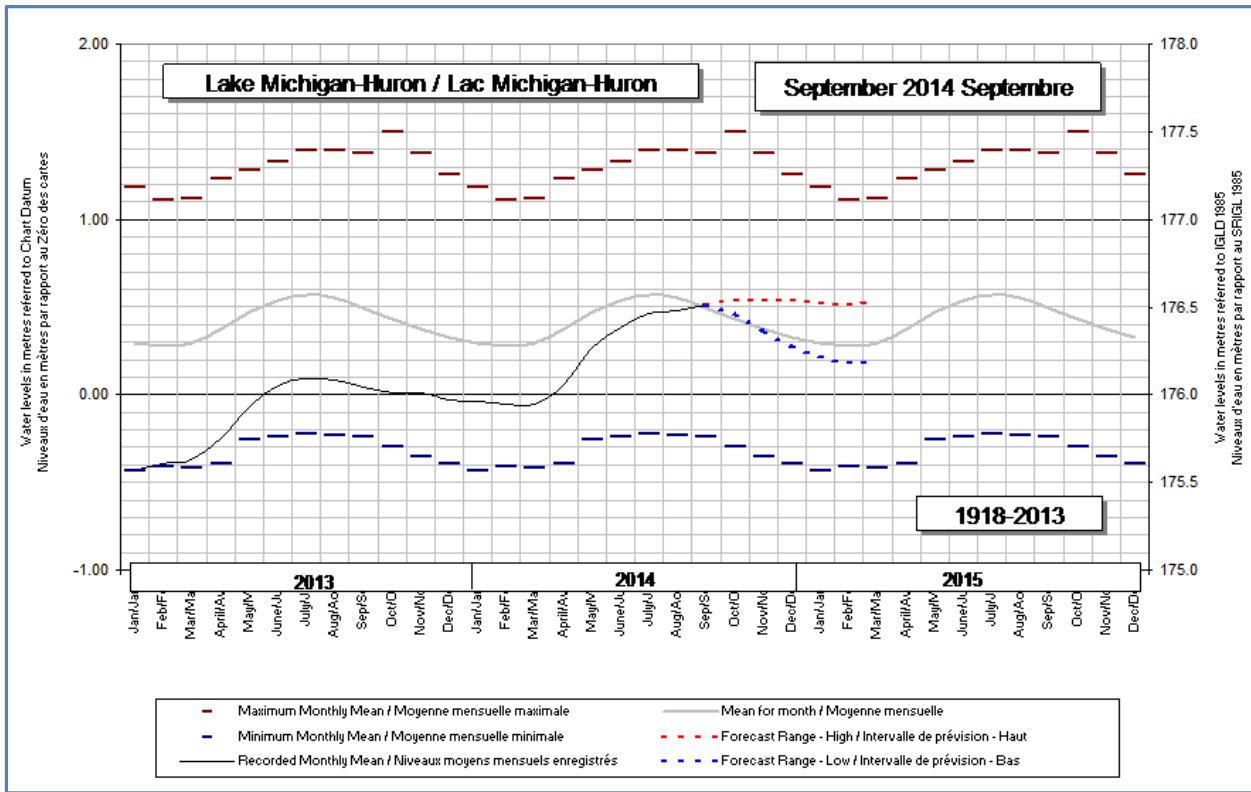
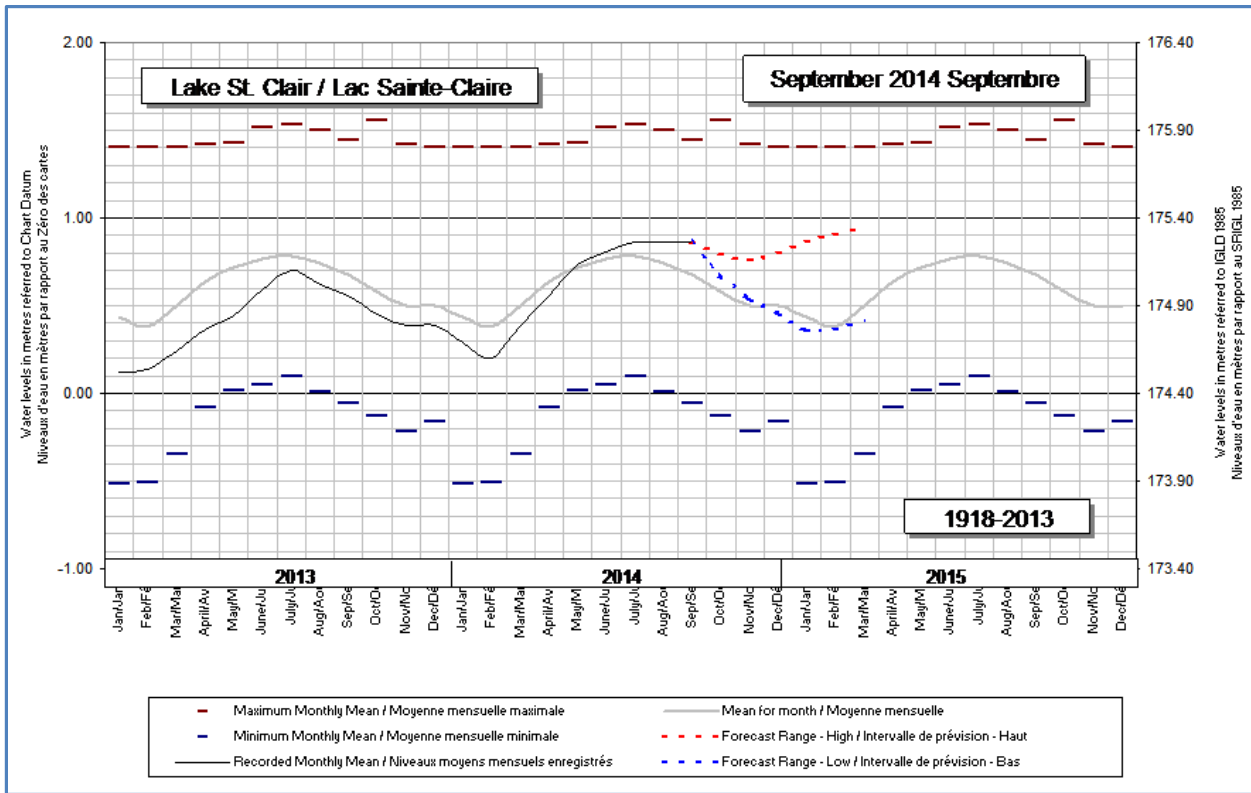
(Source: Environment Canada - Quarterly Climate Impacts and Outlook: Great Lakes Region)

Great Lakes Levels (Canadian Hydrometric Service – September 2014 data.)

The monthly comparison for September 2014 lake levels in continued to improve significantly compared to 2013 in both Lake St. Clair and Lake Huron with an increases of 24cm and 40cm respectively. Lake Huron levels also continue to exceed the 10 year long term average however this average continues to be based on an extended period of lower levels experienced over the past 10 years. The volume of additional water when compared year over year in Lake Huron alone can be characterized as the equivalent of 72 billion bathtubs or water. Surface water temperatures were also colder than usual for summer 2014. The below-average water temperatures were attributed to below-normal air temperatures and an extended late-season ice cover. This may continue to reduce the availability of moisture contributing to lake effect snow with the potential for extensive lake freeze-over conditions during the upcoming winter season. Additionally this is anticipated to continue the current trend toward normal lake levels into 2015.

Monthly Mean Water Levels (Data: Canadian Hydrometric Services)						
September 2014	Superior	Huron	St. Clair	Erie	Ontario	Montréal
Mean for Month (preliminary data)	183.67	176.48	175.26	174.37	74.96	6.23
Mean for month last year	183.44	176.08	175.02	174.28	74.99	5.87
Mean for month, last 10 years	183.31	176.18	175.03	174.23	74.9	5.96
Statistics for period of record						
Maximum monthly mean / year	183.86	177.39	175.9	174.94	75.58	7.27
	1952	1986	1986	1986	1947	1972
Mean for month / Moyenne mensuelle	183.5	176.57	175.18	174.31	75	6.41
Minimum monthly mean / year	183.01	175.77	174.41	173.43	74	5.21
	2007	1964	1934	1934	1934	2012
Probable mean for next month	183.66	176.48	175.18	174.37	74.76	6.1

Units	Current Monthly Level	Monthly Level Last Year	Change 2013/2014	Current Month Avg for Last 10 Years	Change Current compared to 10 year	Anticipate d Next Month	Average for Period of Record
<u>Lake St. Clair</u>							
Metric (m)	175.26	175.02	0.24	175.03	0.23	175.18	175.18
Imperial (ft)	575.00	574.21	0.79	574.24	0.75	574.74	574.74
<u>Lake Huron</u>							
Metric (m)	176.48	176.08	0.40	176.18	0.30	176.48	176.57
Imperial (ft)	579.00	577.69	1.31	578.02	0.98	579.00	579.30



Staff Report

8.(ii)



To: Board of Directors
 Date: October 31, 2014
 From: Girish Sankar, Manager of Water Resources
 Subject: Water & Erosion Control Infrastructure (WECI) Projects

- third round review of WECI applications have been completed by a committee of provincial and Conservation Authority staff representatives. The following 5 projects were approved for 2014- 2015.

Structure	Project Name	Description of Work	Total Project Cost (\$)	Grant Received (\$)
McKeough Dam	McKD-Hazard Tree Removal	Remove trees, shrubs and debris that have the potential to cause slope stability issues.	\$8,000	\$4,000
McKeough Dam	McKeough Floodway Berm repair	To repair a section of floodway that has a sink hole.	\$80,000	\$40,000
Cathcart Park	Cathcart Park shoreline Protection phase 4	Shoreline protection work to replace existing sheet wall with armour stones	\$300,000	\$150,000
McKeough Dam	McKeough Dam Drop structure repair	Repair several hairline cracks in concrete slab and barrier walls	\$60,000	\$30,000
LAWSS	LAWSS shoreline repair	The protection will be a combination of new stepped armour stone, similar to the protection at the Point Edward Waterfront Park and the reinstallation of some of the existing concrete blocks.	\$600,000	\$300,000

Red – Complete, Yellow- Ongoing and Green – to be completed.

- we continue to wrap up projects on a monthly basis.

Other WECI Projects		
Structure	Project Name	Status
Cathcart Park – Phase III	Erosion Protection Revitalization	completed in May 2014
Petrolia Dam	Minor crack repair	completed in August 2014
Coldstream Dam	Shrub and tree removal	completed in June 2013
Running Creek Dyke	Erosion Control	completed in June 2014

Staff Report

8. (iii)

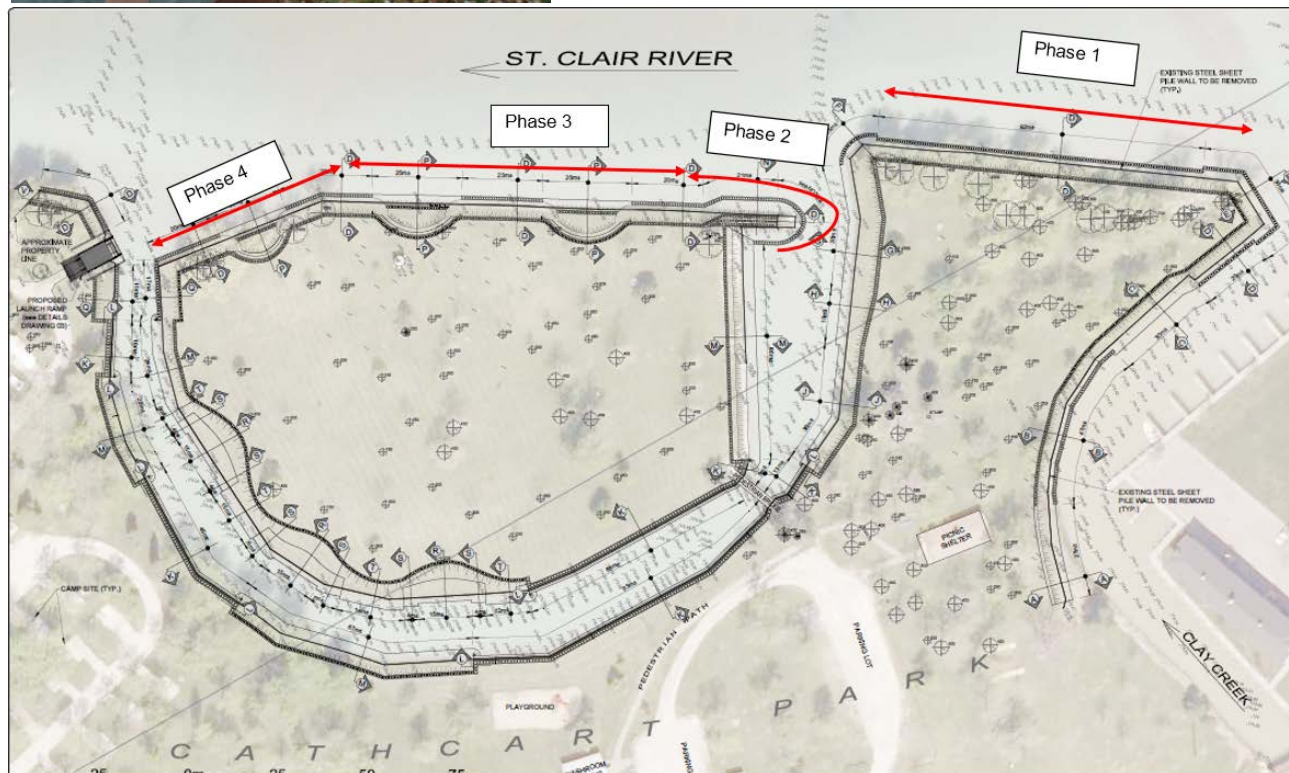


To: Board of Directors
Date: October 31, 2014
From: Girish Sankar, Manager of Water Resources
Subject: Cathcart Park Shore Protection Revitalization, Phase IV



Status Update: Phase IV

- ❖ a budget of \$270,000 has been confirmed for the project (WECI \$150,000; Great Lakes Sustainability Fund \$100,000; Ministry of Environment (COA) \$20,000)
- ❖ tenders were advertised for this phase of the project during the third week of October.
- ❖ tenders closed on October 27th
- ❖ staff will review the tenders and make the recommendation to the Board Meeting on November 14th
- ❖ all permits and approvals have been obtained from MNR and DFO
- ❖ construction is expected to begin December 2014



October 30, 2014

Mr. Girish Sankar
St. Clair Region Conservation Authority
205 Mill Pond Crescent
Strathroy, Ontario
N7G 3P9

Dear Sir:

re: Cathcart Park Shore Protection Revitalization Project, Phase 4
Our File: 14-2134

We have reviewed the submitted tenders for the above project and provide the following summary and recommendations:

Summary:

1. Six tenders were submitted. Total tender prices vary from \$270,081.30 to \$409,972.99 (including HST). A summary of the submitted tenders is provided in Table 1. The tenders were properly signed and executed.
2. The low tender was submitted by Amico Infrastructures (Oxford) Inc. We are of the opinion that he has the ability to complete the work.
3. The tender does not indicate the source of armour stone. In a follow up discussion with Amico staff it was indicated that armour stone will be supplied from Johnson Quarry near Bobcaygeon. This quarry supplied stone for our recent project in Oakville and the stone was satisfactory. As always we expect that suitable stone can be supplied but will require appropriate selection by the contractor.
4. No disposal site is listed for the excavated material.

Recommendation:

Based on the information reviewed we make the following recommendation to the St. Clair Region Conservation Authority:

"We recommend that St. Clair Region Conservation Authority accepts the low tender submitted by Amico Infrastructures

(Oxford) Inc. subject to completing a financial check of the contractor.”

We trust this information is sufficient for your consideration. We will prepare documents for execution by the contractor and forward these to him upon your notification of formal acceptance. Please do not hesitate to contact the undersigned should you have any further questions.

Yours truly

Shoreplan Engineering Limited

A handwritten signature in blue ink, appearing to be 'M. Sturm', with a long horizontal flourish extending to the right.

M. Sturm, P. Eng.

Cathcart Park Shore Protections Revitalization Project - Phase 4

Tender Summary October 28, 2014

Table 1

File 14-2134

October 2014



Item	Description	Est. Quantity	Unit	Amico		Wicks		Greenfield		Birnam		Henry Heyink		Bre-Ex		
				Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	
A Contract Items																
1	Access Preparation, Site Maintenance and Restoration	1	LS	\$ 49,500.00		\$ 35,000.00		\$ 10,000.00		\$ 63,229.73		\$ 67,100.00		\$ 142,695.02		
2	Removal of Existing Steel Sheet Pile	1	LS	\$ 4,200.00		\$ 2,750.00		\$ 20,000.00		\$ 8,583.26		\$ 13,400.00		\$ 15,166.44		
3	Excavation, Handling and Disposal of Excavated Soil Material and Sediments	1000	c.m.	\$18.00	\$ 18,000.00	\$ 15.50	\$ 15,500.00	\$ 17.00	\$ 17,000.00	\$ 27.51	\$ 27,510.00	\$ 25.00	\$ 25,000.00	\$ 34.82	\$ 34,820.00	
4a)	Supply and Placement of 150-300mm Rip Rap	400	tonne	\$45.00	\$ 18,000.00	\$ 69.50	\$ 27,800.00	\$ 90.00	\$ 36,000.00	\$ 55.87	\$ 22,348.00	\$ 72.00	\$ 28,800.00	\$ 47.98	\$ 19,192.00	
4b)	Supply and Placement of 225-450mm Rip Rap	200	tonne	\$45.00	\$ 9,000.00	\$ 79.20	\$ 15,840.00	\$ 90.00	\$ 18,000.00	\$ 65.22	\$ 13,044.00	\$ 82.00	\$ 16,400.00	\$ 47.98	\$ 9,596.00	
4c)	Supply and Placement of 300-600mm Rip Rap	100	tonne	\$51.00	\$ 5,100.00	\$ 79.20	\$ 7,920.00	\$ 100.00	\$ 10,000.00	\$ 75.31	\$ 7,531.00	\$ 82.00	\$ 8,200.00	\$ 47.98	\$ 4,798.00	
5a)	Supply and Placement of 1.5 to 3.0 tonne Armour Stone	600	tonne	\$106.00	\$ 63,600.00	\$ 119.05	\$ 71,430.00	\$ 150.00	\$ 90,000.00	\$ 152.00	\$ 91,200.00	\$ 136.00	\$ 81,600.00	\$ 119.23	\$ 71,538.00	
5b)	Supply and Placement of 1.5 to 2.0 tonne Armour Stone	80	tonne	\$126.00	\$ 10,080.00	\$ 119.05	\$ 9,524.00	\$ 150.00	\$ 12,000.00	\$ 170.02	\$ 13,601.60	\$ 138.00	\$ 11,040.00	\$ 119.23	\$ 9,538.40	
5c)	Supply and Placement of 2.0 to 4.0 tonne Armour Stone	150	tonne	\$123.00	\$ 18,450.00	\$ 122.30	\$ 18,345.00	\$ 150.00	\$ 22,500.00	\$ 162.82	\$ 24,423.00	\$ 142.00	\$ 21,300.00	\$ 119.23	\$ 17,884.50	
5d)	Supply and Placement of Armour Stone Steps	40	tonne	\$319.00	\$ 12,760.00	\$ 140.90	\$ 5,636.00	\$ 150.00	\$ 6,000.00	\$ 157.66	\$ 6,306.40	\$ 157.00	\$ 6,280.00	\$ 161.65	\$ 6,466.00	
6a)	Supply and Placement of Geotextile Terrafix 600R	450	sq. m.	\$7.00	\$ 3,150.00	\$ 7.15	\$ 3,217.50	\$ 7.00	\$ 3,150.00	\$ 3.36	\$ 1,512.00	\$ 2.00	\$ 900.00	\$ 5.42	\$ 2,439.00	
6b)	Supply and Placement of Geotextile Terrafix 800R	350	sq. m.	\$7.00	\$ 2,450.00	\$ 7.60	\$ 2,660.00	\$ 7.00	\$ 2,450.00	\$ 3.95	\$ 1,382.50	\$ 3.00	\$ 1,050.00	\$ 5.78	\$ 2,023.00	
7	Supply and Placement of Soil and Cobble Mix	50	c.m.	\$115.00	\$ 5,750.00	\$ 118.00	\$ 5,900.00	\$ 90.00	\$ 4,500.00	\$ 87.20	\$ 4,360.00	\$ 130.00	\$ 6,500.00	\$ 64.75	\$ 3,237.50	
8	Supply and Installation Pressure Treated Timber Curb	70	m	\$43.00	\$ 3,010.00	\$ 41.00	\$ 2,870.00	\$ 100.00	\$ 7,000.00	\$ 50.58	\$ 3,540.60	\$ 52.00	\$ 3,640.00	\$ 67.42	\$ 4,719.40	
B Provisional Items & Contingency																
9 a)	Backhoe suitable for excavation or rip rap or armour stone placement	10	hours	\$128.00	\$ 1,280.00	\$ 175.00	\$ 1,750.00	\$ 150.00	\$ 1,500.00	\$ 209.31	\$ 2,093.10	\$ 209.00	\$ 2,090.00	\$ 236.93	\$ 2,369.30	
9b)	Front End Loader, crawler mounted, minimum 1.5 cubic metres	10	hours	\$111.00	\$ 1,110.00	\$ 125.00	\$ 1,250.00	\$ 150.00	\$ 1,500.00	\$ 132.88	\$ 1,328.80	\$ 205.00	\$ 2,050.00	\$ 176.58	\$ 1,765.80	
9c)	Bulldozer, minimum net flywheel power 60 Kw	10	hours	\$99.00	\$ 990.00	\$ 110.00	\$ 1,100.00	\$ 150.00	\$ 1,500.00	\$ 132.13	\$ 1,321.30	\$ 105.00	\$ 1,050.00	\$ 176.58	\$ 1,765.80	
9d)	Common Labourer	10	hours	\$58.00	\$ 580.00	\$ 60.00	\$ 600.00	\$ 60.00	\$ 600.00	\$ 62.02	\$ 620.20	\$ 60.00	\$ 600.00	\$ 79.38	\$ 793.80	
10	Contingency Allowance			\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	
11	Testing Allowance			\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	
Total, Contract Items				\$ 223,050.00		\$ 224,392.50		\$ 258,600.00		\$ 288,572.09		\$ 291,210.00		\$ 344,113.26		
Total, Provisional Items & Contingency				\$ 15,960.00		\$ 16,700.00		\$ 17,100.00		\$ 17,363.40		\$ 17,790.00		\$ 18,694.70		
Total				\$ 239,010.00		\$ 241,092.50		\$ 275,700.00		\$ 305,935.49		\$ 309,000.00		\$ 362,807.96		
Harmonized Sales Tax				\$ 31,071.30		\$ 31,342.03		\$ 35,841.00		\$ 39,771.61		\$ 40,170.00		\$ 47,165.03		
Total Contract Price				\$ 270,081.30		\$ 272,434.53		\$ 311,541.00		\$ 345,707.10		\$ 349,170.00		\$ 409,972.99		

Staff Report

9.(i)



To: Board of Directors
Date: October 31, 2014
From: Jessica Van Zwol, Healthy Watershed Specialist
Subject: Healthy Watersheds Program – Lambton Shores

Lambton Shores Healthy Lake Huron Program

Lambton Shores Tributaries (LST) Watershed received funding from Ontario Ministry of the Environment and Environment Canada as part of the Healthy Lake Huron – Clean Water, Clean Beaches campaign, for immediate actions to improve beach and inland surface water quality.

- **Water Quality Monitoring:** ongoing on a monthly and storm event basis to contribute to long-term data for reporting to watershed stakeholders
- **Outreach and Education:**
 - *Shoreline Cleanup September 13, 2014* – it was a rainy, overcast Saturday morning cleanup at Centre Ipperwash beach. Nonetheless, the event carried on and over 140 cigarette butts were picked up, in addition to a pair of Oakley sunglasses, a towel, jogging pants, and plastic food containers to name a few items.
 - *Forest Fall Fair September 19-21, 2014* – this year’s fair was sunny and warm! It was an excellent time to meet landowners and show off who we are in a part of our watershed that is still a relatively recent addition. We made about 5 contacts with landowners that we are currently following up on for potential tree planting projects. Children and adults alike were awed by our stuffed giant snapping turtle, but our stuffed Eastern F



Foxsnake received mixed reviews. Everyone enjoyed watching the minnows and freshwater shrimp swimming around in our viewing tank.

- *Forest Sewage lagoon planting October 8, 2014* – We had a small amount of funding left in our budget for a tree

planting project at the Forest sewage lagoons. We planted 40 trees with 5 volunteers in an hour! These trees will help act as a windbreak and provide cover surrounding the restored wetland that our volunteers have been working on over the last year.



o **Cover crop factsheet**

- SCRCA partnered with a local landowner who was interested in determining if his farming practices influenced phosphorus levels leaving his fields. He compared nutrient levels in water samples collected from 2 outlets of a winter wheat field and 1 outlet from the conventional till with bean stubble field.
- both the landowner and the SCRCA realize this is only one event and meant to be taken anecdotally. Nonetheless, the outcome was interesting: the conventionally tilled field water sample contained 3x more P and N and 2x more dissolved solids than the water sample from the cover crop field.
- this factsheet was circulated to members of the Lambton Soil & Crop Improvement Association (LSCIA) as well as clients of Forest Agri Services.
- the field comparison will also be a topic of discussion at this year's winter meeting for LSCIA

ST. CLAIR CONSERVATION

In Lambton Shores, Cover Crops are worth it

FIELD COMPARISON:
2 fields in Lambton Shores, 3 outlets

- Winter wheat cover crop (2 outlets)
- Conventional till bean stubble (1 outlet)

Water samples collected Mar 31/14 in Lambton Shores during a melt within an hour of each other

OUTCOME:
TOTAL PHOSPHORUS LEVELS:
Conventional field runoff 3x more P than cover crop field
Cover crop outlet 1: 0.064 mg/L
Cover crop outlet 2: 0.048 mg/L
Conventional till outlet: 0.177 mg/L
Provincial Water Quality Objective: 0.03 mg/L

TOTAL DISSOLVED SOLIDS:
Conventional field runoff 2x more dissolved solids than cover crop field
Cover crop outlet 1: 221 mg/L
Cover crop outlet 2: 275 mg/L
Conventional till outlet: 488 mg/L

TOTAL NITROGEN LEVELS:
Conventional field runoff 3x more N leaving than cover crop field
Cover crop outlet 1: 0.91 mg/L
Cover crop outlet 2: 0.63 mg/L
Conventional till outlet: 3.18 mg/L

Note: Data from only one event on one watercourse.

ADVANTAGES OF COVER CROPS

- Soil erosion protection
- Build organic matter
- Recycle nutrients
- Improve soil structure
- Can provide feed for livestock
- Break pest cycles

Cover Crop Grants Available!!

- up to \$500
- Covers the cost of seed
- For Lambton Shores residents within SCRCA watershed boundary
- Maximum of one project per property per landowner per year can be approved
- Cover crop residue must remain until March 15, 2015
- Check out the SCRCA website for details!

FOR MORE INFORMATION:
Jessica Van Zwoel, St. Clair Conservation
519-246-3710, jvanzw@stclair.ca

Upcoming events:

- *November 12, 2014:* Lambton Shores steering committee meeting
- *December 3, 2014:* Cover Crop workshop, in partnership with Lambton Soil and Crop Improvement Association

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.

Staff Report

9.(ii)



To: Board of Directors
Date: October 31, 2014
From: Jessica Van Zwol, Healthy Watershed Specialist
Subject: Healthy Watersheds Program – Sydenham Headwaters

Healthy Sydenham Headwaters Initiative (HSHI)

SCRCA and Middlesex Stewardship Council have partnered on this Initiative to guide conservation and restoration efforts in the Headwaters of the Sydenham River.

- **Water quality monitoring:** ongoing on a monthly basis to contribute to long-term data and reporting to watershed stakeholders
- **Stewardship projects completed:** this summer, **5 wetland projects** have been implemented in the Sydenham Headwaters, resulting in **~17 acres** of restored habitat!



- with more than **21 acres** (on the properties of **11 local landowners**) still to be restored through wetlands, tree planting, tall grass prairie planting, riparian buffers, and fencing livestock from a watercourse.
- staff attended Middlesex Soil and Crop Improvement Association's Summer Tour (Sept 19) and the Fall Cover crop tour (October 7)
- staff continued to meet with landowners at site visits to develop site plans and answer landowners' questions on implementing stewardship projects and accessing funding.

Staff Report

9(iii)



To: Board of Directors
Date: October 31st, 2014
From: John Jimmo, Fisheries Technician
Subject: Aquatic Education and Inventory Program

Fish Community Surveys

With support from programs such as the Great Lakes Guardian Community Fund (GLGCF), and the Ontario Trillium Foundation (OTF), SCRCA staff have been able to complete fish community surveys throughout watersheds including the Upper Sydenham River, St. Clair River Tributaries, and the Sydenham Headwaters.

The purpose of fish community surveys are to gain important information on fish species distribution, and watershed health. Fish data collected will help determine the watershed health of SCRCAs watersheds for the Report Cards that are prepared every five years. Additionally, the data will provide information for land management recommendations.

Furthermore, fish records were updated and compiled with data from sources such as the Royal Ontario Museum and Fisheries and Oceans Canada. This includes thousands of fish records from the early 1900's to more recent years.

Using this database, here are some interesting stats from 2014 sampling:

- approximately 8000 fish were examined (weighed, identified, and in some cases measured for length).
 - 17 sites were sampled in the Upper Sydenham, North Sydenham, Lake Huron and St. Clair River Tributaries, and Sydenham Headwater watersheds.
 - close to 50 different fish species were identified in these locations combined. There are approximately 160 freshwater fish species in Ontario with the Sydenham being home to at least 82 of these species.
-

Three watercourses were sampled in the St. Clair River Tributaries including Murphy and Sweeny Drain, and Talfourd Creek. Members of the Aamjiwnaang First Nations were able to assist and learn from SCRCA staff while they identified, weighed and in most cases measured total length of approximately 780 fishes captured. About 25 different species were identified.

Sweeny Drain:



Yellow bullhead (left) and a spotfin shiner (right).



Spotted sucker (left) and Erin Carroll holding a northern pike.

Murphy Drain:



Jessica Van Zwol holding a bullhead (catfish) (left); yellow perch (right).

Talfourd Creek:



Kelli Smith and Erin Carroll seining Talfourd Creek (left); brook silverside (right).

In regards to sampling that took place in the Upper Sydenham watershed, Brigham-Watts and Kellam Drainage Works were assessed. Only brook stickleback was found in Kellam Drainage Works while Brigham-Watts had fishes such as bluntnose, and fathead minnow, spotfin shiner, and common carp. Each of these species are tolerant to a variety of habitat conditions.

Kellam Drainage Works:



Jessica Van Zwol holds a green and leopard frog (left); brook stickleback (right).

Brigham-Watts Drainage Works:



Fathead minnow (left) and spotfin shiner (right).

Fish community surveys in the Sydenham Headwaters consisted of sampling two portions of Gold Creek. Approximately 2000 fishes were identified, weighed, and in most cases measured for length during these sampling events. A fairly common fish in Southern Ontario, the least darter, was found in high numbers which is the smallest vertebrate (animal with a backbone) in Canada.



Johnny darter (left) and a least darter (right)

Education and Outreach

On October 21st, 2014 Aquatic Biologist, Erin Carroll, delivered a presentation to approximately 25 members of the Aquarium Society in Sarnia, ON. Material consisted of biology, and identification of aquatic species in the SCRCA area and their environmental importance. Additionally, participants were introduced to information on aquatic invasive species and the problems that can result from releasing exotic species in local watercourses.

On October 7th, 2014 grade ten students from the Environmental Resource Management course at the St. Clair Secondary School in Sarnia, ON were introduced to reptile species at risk of Ontario and watershed management techniques at the Perch Creek Habitat Management Area. Staff from SCRCA educated students on how to evaluate the health of a watershed. Students were given a guided hike to Perch Creek where they collected aquatic bugs, assessed stream features, viewed fishes captured from minnow traps, and obtained water quality data. Grants from the Ontario Trillium Foundation and the Ministry of Natural Resources Species at Risk Stewardship Fund have been a major support to this project.



Environmental Resource Management students assessing Perch Creek.

Grades three and four students from the Hillside School at Kettle and Stony Point were educated on aquatic bugs, and fish, and their environmental significance on October 15th, 2014. The day consisted of an in-class portion where SCRCA staff delivered material on life cycles and biology of these species and took the students to Shashawandah Creek where they were able to capture aquatic bugs and check minnow traps.



Excited Hillside School students capturing aquatic bugs!

Additionally, students were able to learn about reptiles and amphibians. An eastern gartersnake, spring peeper, American toad, and eastern red-backed salamander (photo on the left) were found by students and staff while on the trails.



Eastern red-backed salamander (left), and John Jimmo assisting a student check minnow traps.

Staff continue to educate the general public and students on aquatic invasive species and their impact on our natural environment. The importance of not releasing pets into the wild is also frequently emphasized. During fish sampling events invasive species such as the common carp, tubenose and round gobies were often captured. These fish are a problem in that they often out compete native fish for food and habitat which ultimately impacts fish populations.



Common carp (left) found in Brigham-Watts Drainage Works and a round goby (right) found in Talfourd Creek.



Tubenose goby found in Murphy Drain

Benthic Monitoring

Staff continue to identify the aquatic bug samples that were collected in Spring 2014. Aquatic bugs or benthic macroinvertebrates can be used as an indicator of watershed health. Benthic macroinvertebrates are bioindicators in that each species has a specific tolerance to water quality. Results will be used in SCRCA's watershed report cards.

Furthermore, thanks to funding from the St. Clair Region Conservation Foundation staff have been able to process these samples with equipment such as a new microscope.



Erin Carroll using the new microscope (left); a mayfly (pollution intolerant) photographed through the microscope (right).

Staff Report

9(iv)



To: Board of Directors
Date: October 31, 2014
From: Erin Carroll, Aquatic Biologist
Subject: St. Clair River Water Quality Enhancement program, including recent riparian buffer activities associated with municipal drains

There are financial incentives for implementing habitat and water quality enhancements on municipal drain projects in the St. Clair River Area of Concern. A two-year pilot *Municipal Drain Habitat Enhancement Program* funded by the federal Great Lakes Sustainability Fund (GLSF) supports installation of fish habitat or sediment and erosion control features. To qualify, these enhancements must go above and beyond what is legally required. Suitable projects include grass buffers, fish refuge pools, and two-stage (“benched”) drainage ditches.

For the 2013/14 round of funding, 7 projects were partially financed through the program. A total of \$24,000 was awarded for grassed buffers, fish refuge pools, sediment pools and other enhancements. For 2014/15, \$9,600 in funds have been allocated toward similar projects. Additional project ideas are currently being solicited.

St. Clair Conservation staff are also working closely with the Ministry of Natural Resources to develop a Green Infrastructure Communication Strategy in relation to these projects. Through this collaboration, multiple products are being developed:

- landowner letters with grass buffer maintenance information;
- roadside signage for grass buffer projects;
- informational brochures; and
- associated web content.



This pilot program compliments St. Clair Conservation’s drain review process. Project opportunities identified while reviewing drain projects can be implemented with the help of the *Municipal Drain Habitat Enhancement Program*.

Grass Buffer on Whitebread Drain established through the drain habitat and water quality enhancement program.

Municipal Drain Habitat Enhancement Program

Staff Report

9(v)



To: Board of Directors
Date: October 30, 2014
From: Erin Carroll, Aquatic Biologist
Subject: Sydenham Watershed Baseline Health Assessment

The Sydenham watershed has been heavily impacted by humans. Sustained monitoring of benthic communities and surface water is important to assess long-term changes in water quality. By obtaining baseline data on these watercourses we can better understand the risks of nutrient loading, runoff, and potential spills from various land uses and how to manage them.

In November 2013, a proposal was submitted to the Ontario Ministry of the Environment (MOE) requesting \$20,000 from the Ontario Community Environment Fund (OCEF) to support for St. Clair Conservation's Aquatic Monitoring Program.

Specifically, SCRCA requested funding to:

- conduct annual sampling at 12 benthic macro-invertebrate stations
- collect surface water quality samples from 6 stations monthly from April to November.

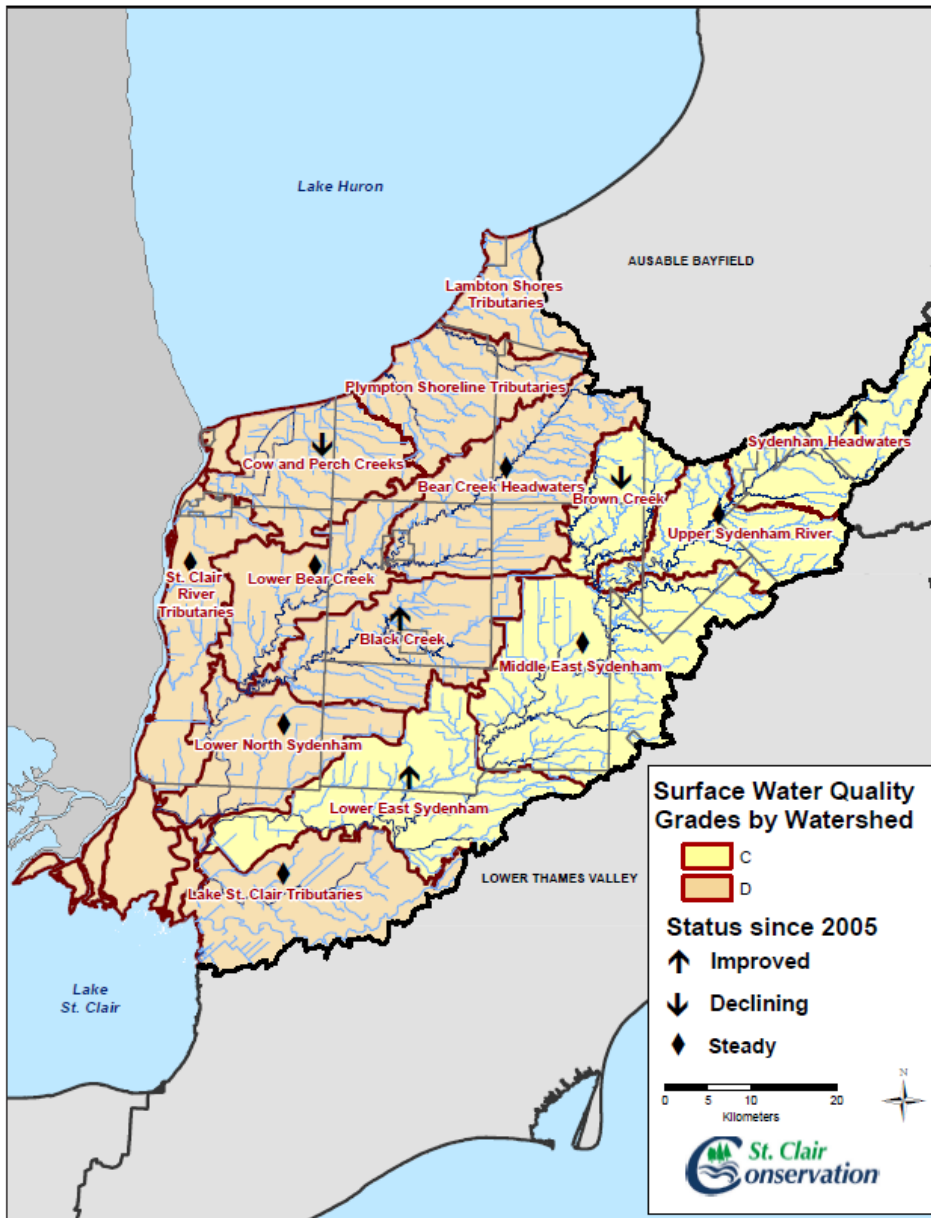
The project includes equipment calibration, sample sorting, data management, data entry, analysis and communication of results. Overall, this project will result in improved knowledge among the community on watershed health and good stewardship of watercourses.

Amount requested from OCEF:	\$ 20,000
Amount from all other sources (cash / donations):	\$ 54,300
Amount from all other sources (in-kind):	\$ 14,600
Total value of project:	\$ 88,900

St. Clair Conservation was notified by MOE in September of this year that \$20,000 was allocated from the OCEF towards the *Watershed Baseline Health Assessment*.

Before St. Clair Conservation can begin undertaking this project, the Authority is “required to provide a copy of their resolution authorizing the Conservation Authority to enter into a Grant Funding Agreement with the Province of Ontario.”

It is recommended that Board of Directors acknowledges this report on the Ontario Community Environment Fund grant “Sydenham Watershed Baseline Health Assessment” and authorizes St. Clair Conservation Authority to enter into a funding agreement with the Province of Ontario.



Water quality data collected for the Sydenham Watershed Baseline Health Assessment will be used to evaluate surface water quality by watershed

To: Board of Directors
Date: October 30, 2014
From: Steve Shaw, Conservation Services Department
Subject: Conservation Services Report

Tree Planting Program

- landowner contact and site visits are a priority this time of year in order to develop proper tree planting prescriptions, draft planting plans and organize site preparation for each site for the 2015 spring planting program.
- approximately 50 landowners are currently on the contact list
- 2015 tree allocations are still to be finalized by the supplying nurseries and our tree species and quantities are expected to be delivered to us before the end of November.
- once again we have more than \$100,000 in grants secured through several individual tree planting and habitat improvement programs and to be used to offset landowner cost.
- approximately 70,000 trees are planted annually and subsidized with combined funding from multi-grant agencies.
- invoicing to Trees Ontario grant program for this past spring's planting program and was finalized and approved this month. Tree's Ontario provided \$70,000 in grant this year to offset some of the cost of planting close to 55,000 trees on private lands.

Seed Collection Program

- this year's tree seed collection was very successful with approximately 2,000 litres of oak, hickory, and walnut seed collected and shipped to the tree nursery.
- deciduous trees are a major component of the SCRCA planting program and future seedling stock from the tree nursery is related to the tree seed collected and ship annually.
- all tree seed collected by SCRCA staff is completed in the Southwest tree seed zone and is grown by Somerville Nursery near Alliston, ON. Since demand for deciduous trees is higher than what is available from tree nurseries, first choice for next year's trees is given to the agency that collected that particular tree seed. This also ensures that trees planted by SCRCA in the future will be from genetically local tree stock.



Vegetation Management Program

fall herbicide application for vegetation control on 2011 to 2014 tree planting sites started the first week of October and will end after the first heavy frost.

- wet, windy weather conditions have made spraying difficult this fall and we are slightly behind schedule.
- approximately 185,000 trees require follow up fall herbicide
- approximately 25 km of municipal brush spraying was completed this summer and fall for the municipality of Southwest Middlesex. Regrowth of woody brush from the previous year's drain clean out is treated with a herbicide to prevent re-establishment.



Waste Management – Twin Creeks Landfill (Watford)

- large stock tree planting/replacement work continued again this fall at Waste Management with staff planting 80 large stock trees to refill dead ones along Nauvoo Rd - Zion Line
- specialized equipment suited to work on steep slopes was used remove and replant the trees along the 2,300 kilometer long screening berm.
- Poplar leachate site – Poplar rescue project for nearly 50,000 trees girdled and killed by meadow-voles was completed last month with a final mowing that commenced after all cut material was chipped from site.
- almost immediately after dead tree removal was complete the poplars started to re-sprout and fill back in thus saving Waste Management from an expensive site prep and replant operation
- vegetation management continues to be implemented in new property tree buffer areas and in the poplar phytoremediation zones



September 30, 2014

TO: SCRCA Chair and Board of Directors

SUBJECT: Administration – Section 28 Status Report – Development, Interference of Wetlands and Alteration to Shorelines and 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 September 1, 2014 to October 31, 2014.

September 1, 2014 to September 30, 2014

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
10920 Amended	Municipality of Chatham-Kent c/o Matthew Link 80 Andrew Ave Lot 9, Concession 2 GORE Geographic Township of Chatham Municipality of Chatham-Kent	Construct Overflow Outlet to Running Creek	<ul style="list-style-type: none"> Proposed works should not negatively impact flood flows, velocities, or elevations; Hydrology should not be negatively impacted by the proposed works; The total volume of water released into Running Creek will not change; Suitable sediment and erosion methods are to be installed prior to the commencement of construction and be maintained throughout the works; No alterations to the watercourse or slope are required; Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; 	Amended: Sept. 16
10932	Municipality of Chatham-Kent c/o Stephen Jahns, P. Eng Botting Road Bridge Lot 24, Concession 4 GORE Geographic Township of Chatham Municipality of Chatham-Kent	Rehabilitation of Botting Road Bridge over East Otter Creek	<ul style="list-style-type: none"> Rehabilitated bridge is to have the same flow dimensions 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 maintained throughout the works; Construction area will be restored to original condition and all debris will be removed off site, and; Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; No in-water works; 	Sept. 16
10936	Municipality of Chatham-Kent c/o David Charron Lot 13, Concession 3/4 Geographic Township of Zone Municipality of Chatham-Kent	Replacement of Existing Road Culvert on Jane Road over Butler Drain	<ul style="list-style-type: none"> Like for Like Replacement, no adverse impact to control of flooding and erosion; The new culvert will not 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 	Sept. 11

			<ul style="list-style-type: none"> 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; 	
10938	<p>William & Joanne Marshall 4690 Lakeside Street Lot 46, Concession Front Geographic Township of Plympton County of Lambton</p>	Construction of New 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 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 as per submitted certified lot grading plan; 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. 	Sept. 4
10939	<p>Municipality of Chatham-Kent c/o Matthew Link Glasgow Line & Tupperville Bridge Lot 28, Concession 1 & 2 GORE Geographic Township of Chatham Municipality of Chatham-Kent</p>	Glasgow Line Road & Slope Improvements	<ul style="list-style-type: none"> Proposed works will not cause or aggravate slope instability; The shoreline protection will not impact flood elevations or flows upstream or downstream; 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/fill will be removed off site; Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; Works to be completed adjacent to low water levels, and no/minimal works completed in water; 	Sept. 23
10940	<p>Union Gas Ltd. c/o Beth Ortibus Lot 7, Concession 14 Geographic Township of Bosanquet Municipality of Lambton Shores</p>	Install 4" Plastic Gas Main under Woods Creek Drain via HDD	<ul style="list-style-type: none"> Pipeline crossings of a watercourse using the directional drill method are considered minor works; Entry/exit pits are a suitable setback from the banks of the watercourse; Appropriate generic mitigation measures have been developed, in conjunction with DFO and will be employed to control sediment and erosion; The proposed works will have no impact on flood flows or elevations; No alterations to the slope are required; Suitable Drilling procedures, Environmental Compliance and Restoration Prescription are in place; Disturbed areas will be reseeded upon completion of the works; 	Sept. 11
10941	<p>Union Gas Ltd. c/o Michelle Landuyt Lot 21, Concession 7 Geographic Township of Moore Township of St. Clair County of Lambton</p>	Installation of New NPS 20" Natural Gas Pipeline via HDD	<ul style="list-style-type: none"> Pipeline crossings of a watercourse using the directional drilling method are considered minor works; Entry/exit pits are a suitable setback from the banks of the watercourse; Appropriate generic mitigation measures have been developed, in conjunction with DFO, and will be employed to control sediment and erosion; 	Sept. 11

			<ul style="list-style-type: none"> No alterations to the slope are required; Suitable drilling procedures, environmental compliance, and restoration prescription are in place; Disturbed areas will be reseeded upon completion of the works; 	
10942	Shell Canada Products Ltd. c/o Michael Gardner 150 St. Clair Parkway Lot 70, Concession Front Geographic Township of Moore Township of St. Clair	Talfourd Creek Bank Stabilization Project	<ul style="list-style-type: none"> Proposed works should not negatively impact flood flows, velocities or elevation; 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 (as per reports, erosion risks adjacent to proposed structure are to be reduced and to be controlled); 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; 	Sept. 12
10943	Tim Ritchie 2773 Bentpath Line Lot 28, Concession 11 Geographic Township of Sombra Township of St. Clair County of Lambton	Replacement of Old Feedlot Barn	<ul style="list-style-type: none"> Replacement of existing structure; Proposed location maintains a setback of approximately 15 metres from the centerline of the watercourse, and 10m from a small berm located adjacent to the drain to ensure that there is a 50m flow path for nutrient management plan; No alterations to the slope are required; Disturbed areas will be reseeded upon completion of the works; Grading and drainage will remain unchanged from the existing; The proposed works will have no adverse impact on the control of erosion; Excess fill will be removed from the regulated area; Barn is not subject to flooding as per existing grade elevations; 	Sept. 11
10944	Larry Burnham 3805 St. Clair Parkway Lot D, Concession 9 Geographic Township of Sombra Township of St. Clair County of Lambton	Addition to Existing Shed	<ul style="list-style-type: none"> Proposed works are an addition to existing structure; Works are outside the flood hazard limit of the St. Clair River; Proposed location is outside the 3:1 (run:rise) stable slope gradient for the slope plus minimum 2m toe erosion setback; Proposed location maintains an approx. 5m setback from the top of the slope for future maintain access purposes, and this area will be naturalized and vegetated; No alterations to the slope are required; Disturbed areas will be reseeded upon completion of the works; 	Sept. 16
10945	Sun Canadian Pipeline c/o Keyur Patel 9494 Gold Creek Drive Lot 1, Concession 5 Geographic Township of Lobo County of Middlesex Centre	Integrity Dig	<ul style="list-style-type: none"> Verifying and repairing an existing pipeline is considered minor works; Works will be located greater than 10m from the watercourse; Appropriate mitigation measures have been developed and will be employed to control sediment and erosion; Works to be completed within 5 weeks; Works will be completed during low water conditions; 	Sept. 18

			<ul style="list-style-type: none"> • 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; • No in-water works are proposed. 	
10946	Peter Allaer 4695 Riverside Drive Lot E, Concession 5 Geographic Township of Sombra Township of St. Clair County of Lambton	Construct Addition to Existing 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 floor elevation will be at a minimum elevation of 177.3m C.G.D.; • The lowest opening to the dwelling will be at an elevation higher than 177.3m C.G.D.; • Disturbed areas will be stabilized and vegetated upon completion; • Works are no greater risk to flood hazard limit or ice jamming, etc. than existing dwelling; • Emergency access is maintained; 	Sept. 23
10948	Travis Bouma 3840 Ferne Avenue Lot 23, Concession Front Geographic Township of Plympton County of Lambton	Construction of a minor 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 24m from SSA; • Proposed works will not aggravate erosion; • Works do not increase the risk to life and property 	Sept. 23
10949	Joe & Liza Matos 190 Thomas Avenue Lot 14, Concession 2 GORE Geographic Township of Chatham Municipality of Chatham-Kent	Construction of 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; 	Sept. 23

October 1, 2014 to October 31, 2014

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
10913	Isaak Fehr 11331 Grove Mills Line Lot 3, Concession 8 GORE Geographic Township of Camden Municipality of Chatham-Kent	Tear Down and Rebuild 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 of Grove Mills Line directly adjacent the subject property; • The area around the buildings will be filled to a minimum of 0.5m higher than the centreline of the road for a horizontal distance of 2m; 	Oct. 2

			<ul style="list-style-type: none"> • Y.C. Liu certification that floodproofing elevations are met is required upon completion; • Proposed location is outside of the 3:1 (run:rise) stable slope gradient for the slope; • Proposed location maintains a setback greater than 6m from the top of the stable slope; • No alterations to the slope are required; • Disturbed areas will be stabilized and restored upon completion; 	
10935	County of Lambton c/o Glen Millar Inwood Drive Lot 28, Concession 2/3 Geographic Township of Euphemia County of Lambton	Replacement of Existing Road Culvert on Inwood Drive over Evans Drain	<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 offsite; • Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; 	Oct. 2
10950	David Dillon 1658 Tyrie Drive East Lot 62, Concession 9 Geographic Township of Sarnia County of Lambton	Construction of a Major Addition	<ul style="list-style-type: none"> • Does not create a greater risk to hazard/or precedent on street/reach of shoreline; • Proposed addition is outside of the SSA plus 15m erosion allowance (50 yr. RR); • Proposed works will not aggravate erosion; • Works do not increase the risk to life and property; • Proposal meets requirements of Section 2 c iii of the SCRCA Shoreline Development Policy. 	Sept. 23
10951	Bruce Scott 1586 Lakeshore Road Lot 43, Concession 9 Geographic Township of Sarnia County of Lambton	Construction of a Minor 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 greater than 16m from SSA; • Proposed addition is minor; • Shoreline Access for Maintenance is maintained; • Proposed works will not aggravate erosion; • Works do not increase the risk to life and property; 	Oct. 7
10952	Township of Dawn-Euphemia c/o Paul Dalton Marthaville Road Lot 16, Concession 5 Geographic Township of Dawn Township of Dawn-Euphemia County of Lambton	Replacement of Existing Road Culvert on Marthaville Road over 4 th and 5 th Concession Drain	<ul style="list-style-type: none"> • New culvert will not have an adverse impact to control of flooding or erosion; • The new culvert will not 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 offsite; • Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; 	Oct. 7
10953	Jim King	Boat Dock	<ul style="list-style-type: none"> • The proposed works should have no impact on flooding and/or erosion; 	Oct. 7

	3370 St. Clair Parkway Lot B, Concession 12 Geographic Township of Sombra Township of St. Clair County of Lambton	Installation	<ul style="list-style-type: none"> The proposed structure is consistent with other docks in the area and does not project or encroach within the river channel in such a manner that it effects, aggravates or creates ice jamming or interferes with ice breaking activities; Watercourse flows will not be obstructed, restricted or otherwise negatively altered in any way by the placement of the dock and deck structures; The dock will not cause erosion of the bank of the St. Clair River and will be suitably attached to the bank of the river; There is no disruption to the watercourse bed other than within the immediate area of the proposed structure; There is no perceived impact on natural heritage features; Works are to be completed outside fisheries timing windows; 	
10954	Tim Fysh 4725 Riverside Drive Lot E, Concession 5 Geographic Township of Sombra Township of St. Clair County of Lambton	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 lowest opening to dwelling will be at an elevation higher than 177.3m C.G.D.; Disturbed areas will be stabilized and vegetated upon completion; 	Oct. 22
10955	Plains Midstream Canada c/o Scott Ballantyne 1389 Rokeby Line Lot 16/17, Concession 8 Geographic Township of Moore St. Clair Township County of Lambton	Integrity Dig	<ul style="list-style-type: none"> Verifying and repairing an existing pipeline is considered minor works; Works will be located greater than 540m from the watercourse; Appropriate mitigation measures have been developed and will be employed to control sediment and erosion; Work to be completed within 4 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 condition or better condition upon completion of works; No in-water works are proposed; 	Oct. 22
10956	Ontario Power Generation c/o Jeffrey Hansen 1886 St. Clair Parkway Lot 18, Concession Front Geographic Township of Moore County of Lambton	Bowman's Creek Rehabilitation Maintenance	<ul style="list-style-type: none"> Proposed works should not negatively impact flood flows, velocities or elevations; Hydrology 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; Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; Proposed works are maintenance works; 	Oct. 22
10958	BVD Holdings Sarnia Inc. c/o Bikram Dhillon 81 Ube Drive Lot 11, Concession 7 Geographic Township of Sarnia County of Lambton	Addition to Existing Parking Area and to Building for Rest Stop Accommodations	<ul style="list-style-type: none"> Proposed works should not negatively impact flood flows, velocities or elevations; Hydrology should not be negatively impacted by the proposed works; There will be no in-water works; Suitable sediment and erosion methods are to be installed prior to the commencement of construction and be maintained throughout the works; 	Oct. 28

			<ul style="list-style-type: none"> No alterations to the watercourse &/or slope are required; Disturbed soils are to be stabilized and re-vegetated immediately after completion of the works; 	
10959	Michael & Jennifer Baker Old River Road (Near 4780) Lot D, Concession 5 Geographic Township of Sombra Township of St. Clair County of Lambton	Construction of 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 the erosion hazard; Proposed works maintain a suitable setback from the watercourse; The lowest opening to the dwelling will be at an elevation higher than 177.3m C.G.D.; Disturbed areas will be stabilized and vegetated upon completion; 	Oct. 28
10960	Helen Bennett 1898 Baseline Road Lot 1, Concession 14 Geographic Township of Sombra Township of St. Clair County of Lambton	Construction of a Farm Building	<ul style="list-style-type: none"> Proposed location is outside of the 3:1 (run:rise) stable slope gradient for the slope plus 15m toe erosion allowance plus 6m access allowance; Proposed location maintains a setback greater than 15m from the top of the slope; No alterations to the slope are required; Drainage will be directed away from the top of bank of the ravine; Excess fill will be removed from the regulated area; Disturbed areas will be reseeded upon completion of the works; 	Oct. 29
10961	Rural Lambton Stewardship Network c/o Lindsay Buchanan 6711 Angler Line Lot 9, Concession 12 Geographic Township of Dover Municipality of Chatham-Kent	Wetland Restoration Project (Extension of FA 10666)	<ul style="list-style-type: none"> The proposed works will have no impact on flood flows or elevations; Proper sediment and erosion control measures, including best management practices will be utilized; 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; A minimum 50m and 120m vegetated buffer will be maintained between the work site and the St. Clair River; All disturbed areas of the work site will be stabilized immediately and re-vegetated as soon as possible; If the disturbed areas in the works are have not been stabilized before snow fall or unforeseen weather conditions are forecasted, straw bales will be broken and spread throughout the project site to stabilize the site; 	Oct. 29

<p>10852</p>	<p>Nick and Chantelle Core Proposed Dwelling Relocation/Redevelopment 4090 Bluepoint Drive Lot 39 and 40, Concession Front Geographic Township of Plympton County of Lambton</p>	<p><u>UPDATE March 31, 2014</u></p> <p><u>Board Hearing Decision Feb, 6, 2014:</u></p> <p>BD-14-017 MacKinnon – Faas</p> <p>That the Hearing Board, in accordance with the requirements of the Conservation Authorities Act, held a hearing regarding Nick & Chantelle Core, Application #10852 on February 6, 2014, and hereby approves the application as per Lot Grading Plan of Lot 46, Registered Plan 28(PY) Town of Plympton-Wyoming, County of Lambton, completed by Nisbet, Robertson, Drawing Number 13-234-C, dated September 3, 2013, conditional on the following:</p> <ul style="list-style-type: none"> • Total square area (the total area of all floors above grade measured between the outside surfaces of exterior walls, including interior parking) is not greater than 164 sq. m; • The approval is based on relocation of the existing dwelling as per the application; • All other standard SCRCA staff approval permit requirements (i.e. proper grading/drainage, hazard on title). <ul style="list-style-type: none"> • Notice of Decision sent to the proponents from staff of the SCRCA dated February 18, 2014; • SCRCA received correspondence from Patton Cormier and Associates dated February 25, 2014, addressed to The Honorable David Oraziotti, that their clients (Nick Core and Chantelle Core) hearby appeal condition #1 to the St. Clair Conservation Authority's approval of Application #10852; • Authority staff contacted lawyer Grant Inglis on February 27, 2014, and forwarded copy of appeal. Authority staff asked if Grant would represent the Authority on this matter; • April 3, 2014, the SCRCA received correspondence from Patton Cormier and Associates dated April 3, 2014, addressed to The Honourable David Oraziotti, noting that their office has contacted the office of the Minister of Natural Resources on at least four occasions in an effort to confirm that their appeal letter was received and to determine the status of the appeal. The letter went on further to say that to date, no one at the Ministers office has been able to assist them in this regard, and that it is imperative that they receive an answer to these inquires so that they may advise their clients as to the next steps in the appeals process; <p><u>UPDATE June 6, 2014</u></p> <ul style="list-style-type: none"> • April 11, 2014 – SCRCA received Order To File documentation of the Mining and Lands Commissioner, Refer Our File CA 002-14; • April 16, 2014 – SCRCA sent formal letter to Grant Inglis asking that he provide written confirmation indicating that he can represent the SCRCA on File CA 002-14; • April 28, 2014 – SCRCA sent as per the directions of the Order to File, 2 bound copies of the application form and maps provided in support of the application outlining the basic details of the proposal, a copy of the refusal, as well as minutes of the Board of Directors meeting held on Feb. 6, 2014. The information provided contained all information provided by the appellant in support of their application; • June 2, 2014 – SCRCA received pursuant to the Order to File, the Appellants' Document Book containing a Summary Facts and other documents to be relied upon in support of this appeal from the Appellants lawyer Patton Cormier and Associates. • The covering letter stated that they understand from speaking with the Registrar, Mr. Pascoe, that a process is available whereby the Commissioner “mediates” resolution discussions between the Parties. They advised that the Appellants may be open to resolving this appeal by way of that process and requested further details in that regard.
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UPDATE September 4, 2014

- June 27, 2014 – SCRCA sent as per the directions of the Order to File, 2 bound copies of the SCRCA’s (respondents) document book containing the facts that the respondent admit, deny, allege, and other documents to be relied upon. As directed in the order to file, this information was forwarded to the appellant as well.
- July 2014 – During July and August SCRCA staff discussed via telephone with Daniel Pascoe, Registrar/Mediator, MLC, process going forward and process for mediation;
- July 10, 2014 – SCRCA staff met with Grant Inglis, Lawyer representing the SCRCA to discuss the case and options going forward;
- Both D. Pascoe and G. Inglis agreed that the SCRCA should request the Town of Plympton-Wyoming review the development proposal and determine the townships requirements and recommendation on what the Committee of Adjustment may approve. This is important to ensure that we do not end up going back and forth between all parties, but find what reasonable development that everyone can live with;
- July 25, 2014 – SCRCA staff sent request to Town of Plympton Wyoming Planner to review the development proposal and determine the township’s requirements.
- SCRCA has not received response from Planner at P-W to date (Sept 4, 2014). Upon receiving the response from the Town of P-W Planner the SCRCA can review and determine if there is a possible mediated resolution that is acceptable to all parties;
- August 26, 2014 – SCRCA received confirmation from Daniel Pascoe that a teleconference on Monday, September 22, 2014 at 10:00am is scheduled;
- Once the SCRCA receives the response from the Planner at the Town of P-W staff of the SCRCA can review and determine if there is a possible mediated resolution that is acceptable to all parties, and possibility of aligning policy/definitions with the Town;
- The Board acknowledges the Authority solicitor mediate the permissible area;

Update October 31, 2014

- September 12, 2014, SCRCA receives correspondence from the Town of P-W Planner;
- Key point of clarification is that the zoning by-law allows the house to have a 164 sq. m maximum gross floor area building area, which includes the floor space within the dwelling, but not the garage;
- Therefore, to align policy with the townships and keep consistent with Board Approved SCRCA Shoreline Policies and MNR Technical Guides the Authority could mediate to a total square area of 190 sq. m. as outlined in the motion below, carried at the September Board Meeting;

BD-14-127

McCharles – McEwen

“That the Board of Directors reconsider the square footage of motion #BD-14-017.”

CARRIED

BD-14-128

Glen – McEwen

That the Board of Directors, in regard to Cores vs. SCRCA, MLC Refer Our File CA 002-14, direct staff and Authority solicitor to mediate a solution on the permissible development area acceptable to the SCRCA and all parties within the following limits;

- **maximum habitable square area (the total area of all floors above grade measured between the**

		<ul style="list-style-type: none"> • outside surfaces of exterior walls, excluding interior parking) not greater than 140 sq. m; • attached garage construction as per original application not greater than 50 sq. m; • total square area not greater than 190 sq. m.;" <p style="text-align: center;">CARRIED</p> <ul style="list-style-type: none"> • September 22, 2014 Staff of the SCRCA with SCRCA solicitor participated in a telephone conference with the appellants and their solicitor; • Discussion was on a without prejudice basis and Mr. Dan Pascoe attended on behalf of the tribunal; • SCRCA presented recent updates and proposal for mediation as outlined in above carried motion; • Discussion between SCRCA staff, solicitors, and Mr. Pascoe followed; • Solicitor for the appellants said they would discuss with clients and get back to solicitor for the SCRCA; • October 28, 2014 email correspondence between SCRCA staff and Mr. Pascoe stated that Mr. Pascoe had not heard anything from the appellants counsel other then they wanted a week reserved for a hearing should one be required; • Mr. Pascoe confirmed he reserved the week of November 24, 2014 for a hearing, if necessary; • SCRCA solicitor was away from work for several weeks, and is scheduled to return to work in early November. • SCRCA solicitor to look into the possibility of a conference call with the opposing counsel to perhaps work out a mediated resolution in the coming few weeks; • If a mediated resolution is not achieved the file will be going to a hearing;
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ST. CLAIR REGION CONSERVATION AUTHORITY REGULATIONS ACTIVITY REPORT- VIOLATIONS AND CORRECTIVE ACTIONS

March 31, 2014

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
<p>FV # 201402</p> <p>6430 West Parkway Drive Lot 6, Concession 19 Geographic Township of Bosanquet</p>	<ul style="list-style-type: none"> • Conducted site investigation August 1, 2014; • Unauthorized dune grading works 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 apply or receive approval to carry out these works;

Municipality of Lambton Shores
County of Lambton

Notice of Violation Correspondence sent to landowner via email **August 7, 2014**, Correspondence outlined Authority Requirements to remedy the situation;

Deadline for Action

Statute of Limitations

2 years from date Authority made aware of violation;

August 1, 2014 SCRCA met on-site with landowner;

August 1, 2016 statute of limitations expires;

- Authority staff met with the landowner on August 1, 2014 and outlined Authority's role in hazard land management and reasons for concerns with the dune grading works;
- Landowner is willing to complete voluntary restoration to restore the dune elevations, restore the native vegetation, and enhance and promote dune development through protection of the natural dune vegetation. The Authority requires that the dune system and vegetation is restored, and will monitor this process to ensure that dune restoration is completed.
- August 7, 2014 SCRCA staff sent correspondence outlining the required restoration works to ensure that dune restoration is completed to the satisfaction of the Authority;
- August 14, 2014 landowner completed dune restoration works with small dozer to restore the dune elevations;
- August 14, 2014 SCRCA staff visited the site and confirmed that dune restoration works to restore dune grades was completed;
- August 15, 2014 SCRCA staff sent correspondence to the landowner that the works completed to restore the dune grades is a great start to the restoration works, and that for dune restoration works to be completed to the satisfaction of the SCRCA that proper fencing to trap sand and promote sand accumulation, and dune vegetation planting is to be completed;
- August 19, 2014 landowner contact SCRCA and confirmed that he will have the fences erected by September 6, 2014, and will plant American Beach grass in late October to early December 2014 to add vegetation on dunes, as advised by Geoff Peach, Coastal Resources Manager as per conversation on August 11, 2014;

Update October 31, 2014

- September 5, 2014 landowner contacted SCRCA and confirmed that snow fence has been installed on lot as per requirements of dune restoration works;
- September 9, 2014 staff of the SCRCA completed inspection of the fence installation and confirm that it has been installed as per requirements of dune restoration works;
- October 4, 2014 landowner contacted SCRCA and confirmed that dune grasses have been planted as per requirements of dune restoration works;
- October 30, 2014 staff of the SCRCA completed inspection of the dune grass planting and confirm that it has been complete as per requirements of dune restoration works;
- Staff of the SCRCA will monitor the site to ensure that dune restoration works are allowed to continue to naturally restore;

Recommended and approved by:

Dallas Cundick, Environmental Planner/Regulations Officer

Melissa Deisley, Regulations Officer

Patty Hayman, Director of Planning

Staff Report

11.(ii)



To: Board of Directors
Date: October 31, 2014
From: Dallas Cundick, Environmental Planner/Regulations Officer
Patty Hayman, Director of Planning
Subject: Appointment of officer under Section 28 “Development, Interference with Wetlands & Alterations to Shorelines & Watercourses” Regulation.

Section 28 of the Conservation Authorities Act states the following:

Section 28 (1) Subject to the approval of the Minister, an authority may make regulations applicable in the area under its jurisdiction,.....

(d) providing for the appointment of officers to enforce any regulation made under this section or section 29;

(e) providing for the appointment of persons to act as officers with all of the powers and duties of officers to enforce any regulation made under this section. 1998, c. 18, Sched. I, s. 12.

As per Section 28 as noted above, it is recommended that Melissa Deisley, Regulations Officer, be appointed an officer to enforce the Section 28 Regulation.

Melissa completed the Compliance Training provided by the Ministry of Natural Resources October 6 – October 10, 2014.

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

Municipal drain September – October 2014 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>			2014 September		
<i>FHR #</i>	<i>Municipality</i>	<i>Geographic Township</i>	<i>Drain Name</i>	<i>Project Description</i>	<i>SCRs Issued</i>
2420	Chatham-Kent	Dover	Wade drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2421	Chatham-Kent	Dover	Hind drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2422	Chatham-Kent	Dover	Lucier drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2429	Dawn-Euphemia	Dawn	Laing drain	Culvert replacement	1
2430	Dawn-Euphemia	Dawn	Gow drain	Culvert replacement	1
2431	Dawn-Euphemia	Dawn	Brooke Enniskillen Dawn Townline drain	Culvert replacement	1
2432	Dawn-Euphemia	Dawn	20-21 Sideroad drain	Culvert replacement	1
2433	Dawn-Euphemia	Dawn	Scott Dowling drain	Culvert replacement	1

2434	Dawn- Euphemia	Dawn	McIntyre drain	Culvert replacement	1
2435	Dawn- Euphemia	Dawn	McLellan drain	Culvert replacement	1
2436	Dawn- Euphemia	Dawn	McCrae drain	Culvert replacement	1
2415	Plympton- Wyoming	Plympton	Plympton- Willoughby drain	Brushing bank slope, bottom cleanout, brushing top of bank	3
2416	Plympton- Wyoming	Plympton	Sproule drain	Brushing bank slope, bottom cleanout, brushing top of bank	3
2417	Plympton- Wyoming	Plympton	Symington drain	Brushing bank slope, bottom cleanout, brushing top of bank	3
2418	Plympton- Wyoming	Plympton	Montgomery drain	Brushing bank slope, bottom cleanout, brushing top of bank	3
2419	Plympton- Wyoming	Plympton	Bannister drain	Culvert replacement	1
2423	Southwest Middlesex	Ekfrid	Harnett drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2424	Southwest Middlesex	Mosa	Reycraft Winship drain	Bottom cleanout, brushing bank slope, brushing top of bank	3
2425	Southwest Middlesex	Mosa	Ron Watson drain	Brushing bank slope, brushing top of bank	2
2426	Southwest Middlesex	Mosa	Peter Mitchell drain	Brushing bank slope, brushing top of bank, bottom cleanout	3

SCRCA DART Files

2014 October

<i>FHR #</i>	<i>Municipality</i>	<i>Geographic Township</i>	<i>Drain Name</i>	<i>Project Description</i>	<i>SCRs Issued</i>
2444	Adelaide-Metcalf	Metcalf	Harnett drain	Brushing bank slope, brushing top of bank, bottom cleanout	3
2445	Adelaide-Metcalf	Metcalf	Phillips drain	Brushing bank slope, brushing top of bank, bottom cleanout	3

***Note**

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

SCRCA Planning Activity Summary for the month**September 2014**

11.(iv)

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
SEV B05/14	ADELAIDE-METCALFE	ADELAIDE	LOT 9	CON 2 SER	CENTRE ROAD
FI 2014	BROOKE-ALVINSTON	BROOKE	LOT 16	CON 4	COURTRIGHT LINE
SEV B58/14	CHATHAM-KENT	ZONE	LOT 13	CON 4	JANE ROAD
ZBA D-14	CHATHAM-KENT	CHATHAM	LOT 11	CON 1 GORE	OLD GLASS ROAD
OPA 37 D-28	CHATHAM-KENT	CHATHAM	LOT 1	CON 2	DUFFERIN AVE
FI 2014	DAWN-EUPHEMIA	DAWN	LOT 17	CON 6	TRAMWAY ROAD
FI 2014	DAWN-EUPHEMIA	DAWN	LOT 31	CON 10	EDYS MILLS
FI 2014	ENNISKILLEN	ENNISKILLEN	LOT 25	CON 6	SHILOH LINE
FI 2014	LAMBTON SHORES	BOSANQUET	LOT 77	CON WEST OF	CEDARVIEW DRIVE
LL 2014	LAMBTON SHORES	BOSANQUET	IPPERW	FRONT	WEST IPPERWASH
FI 2014	PETROLIA	ENNISKILLEN	LOT 13	CON 9	FIRST STREET
FI 2014	PLYMPTON-WYOMING	PLYMPTON	LOT 51	CON FRONT	EDITH LANE
FI 2014	PLYMPTON-WYOMING	PLYMPTON	LOT 23	CON FRONT	MUSKOKA TRAIL
FI 2014	SARNIA	SARNIA	BLOCK B 0		PLANK ROAD
VAR A44/2014	SARNIA	SARNIA	LOT 48	CON 9	BLACKWELL ROAD
OPA AND ZBA	SARNIA	SARNIA	LOT 10	CON 9	WATERWORKS
VAR A21/2014	ST. CLAIR	SOMBRA	LOT B	CON 12	ST. CLAIR PARKWAY
OPA	STRATHROY-CARADOC	ADELAIDE	LOT 24	CON 3 SER	METCALFE STREET
FI 2014	STRATHROY-CARADOC	ADELAIDE	LOT 22	CON 3 SER	CENTRE ROAD
SUB 39T-SC-	STRATHROY-CARADOC	ADELAIDE	LOT 24	CON 4 SER	METCALFE ST. EAST
FI 2014	WARWICK	WARWICK	LOT 3	CON 2 SER	LONDON LINE

SCRCA Planning Activity Summary for the month**October 2014**

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
LL 2014	ADELAIDE-METCALFE	ADELAIDE	LOT 4	CON 3 SER	SULLIVAN ROAD
LL 2014	ADELAIDE-METCALFE	METCALFE	LOT 16	CON 2	KATESVILLE DRIVE
GI 2014	BROOKE-ALVINSTON	BROOKE	LOT 5	CON 13	
GI 2014	CHATHAM-KENT	DOVER	LOT 10	CON 12	TACKEL LINE ROAD
FI 2014	CHATHAM-KENT	CAMDEN	LOT 4	CON 4 GORE	CAMDEN STREET
FI 2014	CHATHAM-KENT	CHATHAM	LOT 4	CON 2 GORE	DUFFERIN AVE
OPA/ZBA2014	CHATHAM-KENT	CHATHAM	LOT 1	CON 2	DUFFERIN AVE
FI 2014	DAWN-EUPHEMIA	DAWN	LOT 29	CON 9	GOULD ROAD
SEV B5/2014	ENNISKILLEN	ENNISKILLEN	LOT 28	CON 4	COURTRIGHT LINE
GI 2014	LAMBTON SHORES	BOSANQUET	LOT 70	CON WEST OF	BEACH STREET
FI 2014	LAMBTON SHORES	BOSANQUET	LOT 4	CON 19	RICHARDSON DRIVE
LL 2014	MIDDLESEX CENTRE	LOBO	LOT 9	CON 7	COLDSTREAM ROAD
GI 2014	PLYMPTON-WYOMING	PLYMPTON	LOT 16	CON 2	ONTARIO STREET
SEV B25/2014	PLYMPTON-WYOMING	PLYMPTON	LOT 10	CON 3	CONFEDERATION LINE
FI 2014	PLYMPTON-WYOMING	PLYMPTON	LOT 6	CON FRONT	DANA STREET
FI 2014	PLYMPTON-WYOMING	PLYMPTON	LOT 50	CON FRONT	EDITH LANE
SEV B23/2014	PLYMPTON-WYOMING	PLYMPTON	LOT 50	CON FRONT	FORSYTH TRAIL
LL 2014	PLYMPTON-WYOMING	PLYMPTON	LOT 39	CON FRONT	BLUEPOINT DRIVE
FI 2014	PLYMPTON-WYOMING	PLYMPTON	LOT 24	CON FRONT	GEORGE STREET
FI 2014	PLYMPTON-WYOMING	PLYMPTON	LOT 9	CON FRONT	EVERGREEN LANE

FI 2014	PLYMPTON-WYOMING	PLYMPTON	LOT 14	CON 7	MICHIGAN LINE
FI 2014	POINT EDWARD	SARNIA	LOT 69	0	
FI 2014	SARNIA	SARNIA	LOT 56	CON 9	BRUCE STREET
FI 2014	SARNIA	SARNIA	LOT 19	CON 9	BRIGDEN ROAD
FI 2014	SARNIA	SARNIA	LOT 65	CON 9	WOODROWE AVE
FI 2014	SARNIA	SARNIA	LOT 45	CON 9	MODELAND
LL 2014	SARNIA	SARNIA	BLOCK B	0	MCGREGOR SIDEROAD
FI 2014	SARNIA	SARNIA	LOT 27	CON 9	TELFER ROAD
FI 2014	SARNIA	SARNIA	LOT 10	CON 6	TELFER ROAD
FI 2014	SOUTHWEST MIDDLESEX	EKFRID	LOT 2	CON 3	FALCONBRIDGE ROAD
FI 2014	SOUTHWEST MIDDLESEX	EKFRID	LOT 4	CON 1	GLENDON DRIVE
FI 2014	ST. CLAIR	SOMBRA	LOT 15	CON 13	KIMBALL ROAD
LL 2014	ST. CLAIR	SOMBRA	LOT E	CON 5	RIVERSIDE DIRIVE
VAR A20/14	ST. CLAIR	MOORE	LOT 3	CON 3	WATERWORKS ROAD
FI 2014	ST. CLAIR	SOMBRA	LOT A	CON 14	ST. CLAIR PARKWAY
EA-08-2014	STRATHROY-CARADOC	CARADOC	LOT 6	CON 3	

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

September Meetings

- Sept 8 – meeting on SMO with Walpole Island FN Consultation group – C. Lafrance
- Sept 9 – Bear Creek Golf Course proposed development technical studies J. Novick Ricor Eng – P. Hayman
- Sept 9 – Coldstream Road proposed access laneway condition of consent, meeting with Municipality – D. Cundick
- Sept 10 – AOC Duc D’Orleans review of projects and BUI delisting announcement – P. Hayman, C. LaFrance, D. Strang
- Sept 15 – CAMaps user group meeting conference call – C. Durand
- Sept 16 – Aamjiwnaang Environment Committee – C. Lafrance and D. Strang
- Sept 17 – Meeting With Grant Inglis, lawyer, re: Cores vs. SCRCA – D. Cundick
- Sept 17 – ABCA/SCRCA meeting re MoA Lambton Cty G. Cade – P. Hayman
- Sept 22 – Cores conference call w Mining and Lands Commissioner – P. Hayman, D. Cundick, B. McDougall
- Sept 23 – Conference Call with Suncor Wind Energy – D. Cundick, M. Deisley
- Sept 23 – Presentation to Walpole Island FN Chief and Council – C. Lafrance
- Sept 24 – Coastal Working Group Meeting, Halton CA – D. Cundick
- Sept 24 – SCR AOC Fish and Wildlife Habitat and population sub-committee – D. Strang and C. Lafrance
- Sept 25 – Lambton Cty Clerks Association mtg P Hayman presentation on Natural Heritage – P. Hayman, M. Andreae
- Sept 26-27 – Lake Erie Binational Public Forum meeting – C. Lafrance
- Sept 30 – Aboriginal Consultation CO Webinar – D. Cundick
- Sept 30 – Regulations Committee Meeting – D. Cundick, P. Hayman, B. McDougall, G. Sankar

October Meetings

- Oct 2 – Source Water Protection Website update meeting @ UTRCA – C. Durand
- Oct 3 – Walpole Island First Nation Heritage Centre 25th Anniversary – D. Strang and C. Lafrance
- Oct 17 – Meeting with OFA Re; Ilderton Road Wetlands – D. Cundick
- Oct 21 – Canadian RAP Implementation Committee meeting and St. Clair River BPAC meeting – D. Strang and C. Lafrance
- Oct 22 – MNR/CA Senior Admin mtg @ SCRCA – P. Hayman, R. Battson, B. McDougall
- Oct 22 – DFO Self Assessment webinar – P. Hayman, D. Cundick, M. Deisley
- Oct 23 – Meeting with Suncor Wind Project – D. Cundick, M. Deisley
- Oct 24 – DAR mtg re proposed severances Strath Caradoc C. Linker – P. Hayman

Staff Report 11.(v)



To: Board of Directors
Date: November 3, 2014
From: Claude Lafrance, Remedial Action Plan (RAP) Coordinator
Donna Strang, RAP Research Assistant
Subject: St. Clair River Area of Concern (AOC)

2nd Biennial St. Clair River Area of Concern Symposium

The second biennial St. Clair River AOC symposium took place on September 18, 2014 at the Double Tree by Hilton Hotel in Port Huron, Michigan. The theme of the event was "Bridging the Environment and Economy" with John Austin, Director of the Michigan Economic Center at Prima Civitas Foundation, delivering the keynote speech. His presentation introduced us to the "Blue Economy", where the health and sustainability of our local waterways can be directly linked to a thriving economy. Over 100 participants from both Canada and the United States attended the one day event.

Other presentations throughout the day focused on a number of topics including recent research on St. Clair River species and populations, drinking water monitoring, invasive species, legislation and new and emerging challenges. Claude Lafrance, RAP Coordinator at the SCRCA provided an overview of accomplishments and advancements in addressing Beneficial Use Impairments (BUIs) on the Canadian side of the St. Clair River. In addition, posters prepared by local government, academic and community organization were displayed including one prepared by Girish Sankar that highlighted shoreline softening projects conducted by the SCRCA.



Participants at the St. Clair River AOC Symposium in Port Huron, Michigan. The event, held at the Double Tree by Hilton Hotel attracted over 100 people including local politicians, academics, First Nations and local agency and community group representatives (Source: SCRCA, 2014).

The day was informative and provided ample opportunity for representatives from different partner organizations to network and collaborate. Presentation abstracts along with other information about the day is available online at: www.amiando.com/stclairriver. Full presentations have been posted on the Friends of the St. Clair River (FOSCR) website at: www.friendsofstclair.ca/www/news.html. A third symposium will be planned for 2016 in Canada. We hope to see you there!

Walpole Island Heritage Centre 25th Anniversary Celebration – October 3, 2014

On October 3, 2014, Claude Lafrance and Donna Strang attended the Walpole Island First Nation Heritage Centre 25th anniversary celebration. Known as Nin.Da.Waab.Jig. (Those Who Seek to Find), it was established in 1973 as a land claims research office. It has grown into a multi-department unit providing historical and environmental research and consulting. The St. Clair River AOC has benefitted greatly from the research conducted through the Centre and the cooperation from the staff and the Community.

A whole day of celebration was organized to mark this historic event. Presentations were delivered covering the history and evolution of the Heritage Centre along with historical Aboriginal research conducted in partnership with the institution. Attendees were also treated to unique and locally prepared traditional dishes including wildlife game, fish and corn soup. The day was an outstanding success!



Chief Daniel Miskokomon and Joyce Johnson, Director of the Walpole Island Heritage Centre welcome over 150 community members and guests to the Heritage Centre 25th anniversary celebration (Source: SCRCA, 2014)

Lake Erie Lakewide Action and Management Plan (LAMP) Public Forum

On September 26 and 27, Claude Lafrance attended the Lake Erie LAMP Public Forum. The mandate of the Forum is being revised to meet the structure of the renewed Great Lakes Water Quality Agreement (GLWQA) which identifies the St. Clair River, along with Lake St. Clair and the Detroit River as part of the Lake Erie LAMP. LAMPs are developed for each Great Lake to restore and protect the water bodies using an ecosystem approach (maintaining balance through the management of land, water and living resources).

Several informative scientific presentations were made during the first day while the second day consisted of workshop sessions and an update on the revised www.binational.net website. There is interest among St. Clair River AOC representatives to participate in future meetings of the Lake Erie LAMP public forum.

Other Items:

- Aamjiwnaang First Nation Chief and Council have accepted the recommendation to re-designate the "Restrictions on Dredging Activities" BUI; Consultation with Walpole Island First Nation is pending.
- An initial draft of the "Beach Closings" BUI status assessment has been completed and is currently undergoing agency review.

Claude Lafrance, RAP Coordinator Retirement

Written By Donna Strang



Claude Lafrance, RAP Coordinator for the St. Clair River AOC will be retiring after over 40 years in the environment and public service.

Claude began his career at the Ontario Ministry of the Environment (OMOE) in Sudbury, Ontario after graduating from Laurentian University with a Bachelor of Science in Biology. Initially Claude was involved in the research of acid precipitation and metal deposition on Ontario lakes until he became involved with the OMOE's core programs of abatement, compliance and inspection. In 2001, Claude moved to London to manage the Southwest Ontario Regional Technical Support Section of the OMOE.

Claude brought his experience and senior level involvement in program delivery, research, environmental monitoring and stakeholder involvement to the SCRCA in 2010, when he accepted the position of RAP Coordinator for the St. Clair River AOC. His contributions to the program over the last five years have been extensive. Since his involvement, there has been significant advancements in the assessment of numerous BUIs, including the official re-designation of the "*Tainting of Fish and Wildlife Flavour*", "*Added Costs to Agriculture or Industry*" and "*Degradation of Aesthetics*" BUIs to "Not Impaired" and the preparation of numerous documents including summary reports, the 2012 revised delisting criteria and the 2012-2017 St. Clair River AOC work plan.

Claude was integral in the organization and management of the Sediment Management Options (SMO) project for Environment Canada, the OMOE and the SCRCA and overseeing community consultation. This project will see the removal of the last remaining areas of contaminated sediment from the St. Clair River; one of the final major projects to be conducted in the AOC.

We wish Claude the best on his much deserved retirement and look forward to hearing stories of travel, life-birds and time spent with family. Environment Canada, the Ontario Ministry of the Environment and Climate Change (OMOECC) and the SCRCA are working towards formalizing a replacement to maintain the momentum established by Claude in the AOC.

Thank you Claude!

ST. CLAIR REGION CONSERVATION AUTHORITY
Statement of Financial Position
AS AT September 30, 2014

	GL 2014	Audit 2013
Financial Assets		
Cash and cash equivalents	3,435,011.46	3,434,103.00
Investments (note)	2,029,970.93	2,029,971.00
Accounts receivable	354,824.54	300,656.00
Prepaid Expenses	-	-
Long-term investments	37,927.00	37,927.00
	<u>5,857,733.93</u>	<u>5,802,657.00</u>
 Restricted Assets (Note)		
Restricted Shares	339.00	339.00
Forestry	11,683.07	11,683.07
RLSN	-	-
Kent	-	-
MSN	337,688.01	414,113.09
Rondeau	-	(1.40)
Downsizing	20,632.98	20,632.98
Cash and cash equivalents	370,343.06	446,766.74
Accounts receivable - Stewardship Programs	-	-
	<u>370,343.06</u>	<u>446,766.74</u>
 Total Financial Assets	 <u>6,228,076.99</u>	 <u>6,249,423.74</u>
 Financial Liabilities		
Accounts payable and accrued liabilities	215,422.25	125,988.08
Accounts payable and accrued liabilities - Stewardship Program	-	(0.00)
Deferred revenue	39,520.94	1,303,016.43
Due to Stewardship Programs (Note & Statement)	337,688.01	414,111.69
Total Financial Liabilities	<u>592,631.20</u>	<u>1,843,116.20</u>
 Net Financial Assets	 <u>5,635,445.79</u>	 <u>4,406,307.54</u>
 Non-Financial Assets		
Tangible Capital Assets, net of accumulated amortization (Notes & Schedule)	13,421,981.56	19,977,064.87
	<u>13,421,981.56</u>	<u>19,977,064.87</u>
 Net Assets	 <u>19,057,427.35</u>	 <u>24,383,372.41</u>
 Conservation Authority Position		
Reserves and reserve funds (Statement 2 & 3)	5,635,846.15	4,406,307.54
Net Tangible Capital Assets	13,421,981.56	19,977,064.87
Current Year Depreciation	-	-
Total Conservation Authority Position	<u>19,057,827.71</u>	<u>24,383,372.41</u>

ST. CLAIR REGION CONSERVATION AUTHORITY
Statement of Operations
AS AT September 30, 2014

	2014 Budget	2014	2013 Audit
Revenue			
Government Grants			
Section 39	310,000.00	310,000.00	310,003.00
Other	927,800.00	840,910.30	843,501.63
Municipal levies			
General	658,935.00	658,935.00	631,915.00
Other	328,265.00	244,681.00	463,175.60
Other Revenue			
Contributions	387,750.00	511,105.40	170,559.67
Miscellaneous	2,200,283.00	1,506,825.45	1,080,689.45
Interest	65,000.00	26,098.47	99,543.48
Conservation areas (Excluding Municipal Levy)	994,126.00	1,032,571.49	999,815.78
Transfers from reserves	-	-	0.00
General	-	-	-
Unrealized gain (loss) on held-for-trading investments	-	-	(2,870.90)
Realized gain (loss) on held for trading investments	-	-	323.00
	<u>5,872,159.00</u>	<u>5,131,127.11</u>	<u>4,596,655.71</u>
 Expenditures			
Administration, Schedule 1	804,130.00	615,827.10	410,617.25
Capital development, Schedule 1	686,685.00	428,363.70	442,324.76
Operating, Schedule 2	3,012,031.00	1,735,964.11	2,407,322.76
Property management, Schedule 2	300,487.00	189,334.92	342,923.36
Conservation area maintenance, Schedule 3	1,068,826.00	932,097.13	1,011,201.00
	<u>5,872,159.00</u>	<u>3,901,586.96</u>	<u>4,614,389.13</u>
 Excess (deficiency) of revenues over expenditures before adjustmer	-	1,229,540.15	(17,733.42)
 Adjustments for Tangible Capital Assets			
Acquisition of tangible capital assets	-		241,216.00
Amortization of tangible capital assets	-		(542,846.00)
Gain/(loss) on sale of tangible capital assets	-		8,232.00
Proceeds on sale of tangible capital assets	-		(14,030.00)
	<u>-</u>	<u>-</u>	<u>(307,428.00)</u>
 Excess (deficiency) of revenues over expenditures before adjustmer	-	1,229,540.15	(325,161.42)

ST. CLAIR REGION CONSERVATION AUTHORITY
Administration and Capital Development Expenditures
AS AT September 30, 2014

	2014 Budget	2014 GL	2013 Audit
Administration			
Equipment rentals and purchases	34,000.00	7,892.61	13,809.00
Materials and supplies	18,000.00	15,033.05	30,932.00
Other	321,500.00	258,100.04	30,843.00
Travel expenses and allowances	23,000.00	5,214.05	23,540.00
Utility services	27,000.00	10,456.06	17,117.00
Wages and benefits	380,630.00	319,131.29	294,378.00
	804,130.00	615,827.10	410,619.00
Capital Development			
Conservation area development	120,965.00	51,423.60	98,475.00
Other	19,200.00	41,767.57	-
Vehicles and equipment	72,000.00	74,656.55	95,959.00
Water erosion control infrastructure	474,520.00	260,515.98	247,891.00
	686,685.00	428,363.70	442,325.00

ST. CLAIR REGION CONSERVATION AUTHORITY
 Operating and Property Management Expenditures
 AS AT September 30, 2014

	2014 Budget	2014 GL	2013 Audit
Operating			
Community relations			
Wages and benefits	169,500.00	105,333.08	105,532.00
Other	19,950.00	10,444.28	19,304.00
Conservation services			
Wages and benefits	297,100.00	237,013.81	259,364.00
Other	860,624.00	407,333.81	380,724.00
Erosion control			
Wages and benefits	19,000.00	-	43,207.00
Other	92,000.00	13,417.57	158,472.00
Flood control			
Wages and benefits	282,500.00	165,396.54	215,887.00
Other	97,000.00	72,294.42	131,220.00
Flood forecasting and warning			
Wages and benefits	133,000.00	67,247.74	106,425.00
Other	44,350.00	29,006.87	60,005.00
General			
Wages and benefits	177,500.00	112,578.81	120,515.00
Other	180.00	196.51	
Ice management			
Wages and benefits	4,000.00	2,747.39	3,500.00
Planning			
Wages and benefits	330,000.00	222,465.85	199,308.00
Other	65,500.00	17,564.01	62,604.00
Source water protection			
Wages and benefits	185,000.00	161,818.73	320,338.00
Other	15,000.00	2,873.64	27,546.00
Technical studies			
Wages, benefits and other	219,827.00	108,231.05	193,370.00
	<u>3,012,031.00</u>	<u>1,735,964.11</u>	<u>2,407,321.00</u>
Property Management			
Wages and benefits	116,000.00	118,539.40	191,663.00
Other	184,487.00	70,795.52	151,260.00
	<u>300,487.00</u>	<u>189,334.92</u>	<u>342,923.00</u>

ST. CLAIR REGION CONSERVATION AUTHORITY
Conservation Area Revenue and Expenditures
AS AT September 30, 2014

	2014			Audit		2013
	Revenue	Expenditure	Surplus (Deficit)	Revenue	Expenditure	Surplus (Deficit)
A.W. Campbell	267,030.55	209,727.45	57,303.10	273,960.07	240,522.21	33,437.86
Clark Wright	2,600.00	1,488.14	1,111.86	12,600.00	12,600.00	-
Coldstream	1,300.00	1,077.02	222.98	1,400.00	1,400.00	
Crothers	1,600.00	2,168.17	- 568.17	1,400.00	1,400.00	
Dodge	2,100.00	1,755.24	344.76	1,000.00	1,000.00	-
Henderson	280,676.77	200,463.31	80,213.46	272,245.40	240,377.18	31,868.22
Highland Glen	10,000.00	7,810.49	2,189.51	9,050.00	9,050.00	
McEwen	16,730.00	11,047.43	5,682.57	11,300.00	11,300.00	
Mclean	-	135,473.10	- 135,473.10			
Peers	60,757.34	6,999.71	53,757.63	47,303.54	47,303.54	
Petrolia	900.00	747.57	152.43	900.00	900.00	-
Shetland	765.00	5,420.61	- 4,655.61	9,540.10	9,540.10	-
Strathroy	28,821.00	21,118.53	7,702.47	18,500.00	18,500.00	-
Tony Stranak	8,000.00	6,884.97	1,115.03	7,900.00	7,900.00	-
Warwick	456,461.64	312,558.03	143,903.61	460,040.31	400,606.40	59,433.91
Wawanosh	9,500.00	7,357.36	2,142.64	8,801.61	8,801.61	-
	1,147,242.30	932,097.13	215,145.17	1,135,941.03	1,011,201.04	124,739.99
Transfer to deferred revenue (Note 2)				(26,265.02)	-	26,265.02
Less: Municipal levy and donations	(114,670.81)		- 114,670.81	(109,860.23)	-	109,860.23
	1,032,571.49	932,097.13	100,474.36	999,815.78	1,011,201.04	- 11,385.26

ST. CLAIR REGION CONSERVATION AUTHORITY
Statement of Cash Flows
AS AT September 30, 2014

12.(i)

	2014	2013 Audit
Cash provided by (used in)		
Operating activities		
Excess of revenue over expenditure (Statement 4)	1,229,540.15	(325,161.42)
Add items not involving cash:		
Amortization of tangible capital assets	-	542,846.00
Loss/(Gain) on disposal of tangible capital assets	-	(8,232.00)
Realized (gain) loss on held for trading investments	-	(323.00)
Unrealized (gain) loss on held for trading investments	-	2,870.00
	<u>1,229,540.15</u>	<u>211,999.58</u>
 Net changes in non-cash working capital balances:		
Accounts receivable	(54,168.54)	247,946.00
Accounts receivable - Stewardship Programs	-	113,396.00
Prepaid expenses	-	-
Accounts payable and accrued liabilities	89,434.17	(276,367.00)
Accounts payable and accrued liabilities - Stewardship Programs	0.00	(179,749.00)
Deferred revenue	(1,263,495.49)	203,554.00
Due to stewardship programs	(76,423.68)	(110,169.00)
	<u>(75,113.39)</u>	<u>210,610.58</u>
 Investing activities		
Purchase of investments	-	(1,030,197.00)
Proceeds from sale of investments	-	977,000.00
Long-term investments	-	(4,879.00)
	<u>-</u>	<u>(58,076.00)</u>
 Capital activities		
Acquisition of tangible capital assets	-	(241,216.00)
Proceeds on disposal of tangible capital assets	-	14,030.00
	<u>-</u>	<u>(227,186.00)</u>
 Increase (decrease) in cash and cash equivalents	(75,113.39)	(74,651.42)
 Cash and cash equivalents, beginning of year	3,880,866.58	3,955,518.00
 Cash and cash equivalents, end of year	<u><u>3,805,753.19</u></u>	<u><u>3,880,866.58</u></u>
 Represented by:		
Cash and cash equivalents	3,435,011.46	3,434,103.00
Restricted cash and cash equivalents	20,632.98	32,653.00
Stewardship Programs cash and cash equivalents	349,710.08	414,111.00
	<u><u>3,805,354.52</u></u>	<u><u>3,880,867.00</u></u>

**ST. CLAIR REGION CONSERVATION AUTHORITY
DISBURSEMENTS FROM AUGUST TO SEPTEMBER 2014**

**12(ii)
Tracy Prince**

CHQ. #	DATE	VENDOR	DESCRIPTION	AMOUNT
16067	06/08/2014	THE RECEIVER GENERAL FOR CANAD	Pier Review 2013	294.02
16068	12/08/2014	ACTON'S SERVICE CENTRE	Tire Repair	59.33
16069	12/08/2014	AQUA POOLS,PATIOS & SPAS	Pool Supplies	267.63
16070	12/08/2014	ARCTIC GLACIER INC.	Ice - Campground	351.98
16071	12/08/2014	BF ENVIRONMENTAL CONSULTANTS	Consulting - Kimbal Side road Wetland	2,847.60
16072	12/08/2014	MUNICIPALITY OF BROOKE-ALVINST	2014 Final Taxes	1,008.21
16073	12/08/2014	Campbells Outdoor Power Equipm	Equipment Repairs	44.30
16074	12/08/2014	Canadian Linen & Uniform	Floor Mats	62.99
16075	12/08/2014	ERIN CARROLL	Expenses - Reimbursement	117.14
16076	12/08/2014	CENTRAL SANITATION	Portable Toilets	1,788.22
16077	12/08/2014	STEPHEN CLARK	Expenses - Reimbursement	198.88
16078	12/08/2014	COINAMATIC	Washers & Dryers - Campgrounds	262.36
16079	12/08/2014	CORP. OF THE TOWN OF PETROLIA	2014 Final Taxes	204.04
16080	12/08/2014	CP INDUSTRIES LTD.	Building Maintenance Supplies	2,028.37
16081	12/08/2014	DUC D'ORLEANS	Boat Cruise - Sept 2014	500.00
16083	12/08/2014	Mark Evans Building Contractor	Renovations - McLean Property	43,619.40
16084	12/08/2014	FIRST AID ZONE	Health & Safety Supplies	117.51
16085	12/08/2014	Forest Agricultural Society	Forest Fall Fair Booth	142.38
16086	12/08/2014	FTS FOREST TECHNOLOGY SYSTEMS L	Transmitter, Antenna, Cable - Flood Management	6,623.64
16087	12/08/2014	GARY FALCONER TRANSPORT LIMITE	Topsoil	678.00
16088	12/08/2014	George Murray Shipley Bell, LLP Barristers	Legal Advice - Termination of Residential Tenancies	186.45
16089	12/08/2014	GERBER ELECTRIC	Repairs - AWC	842.37
16090	12/08/2014	H.R. DESA ENTERPRISES LTD.	Fishing Supplies	169.50
16091	12/08/2014	Imagewear a division of Mark's	Uniform	253.84
16092	12/08/2014	INLAND AGGREGATES	Quarry Stone - LCH	2,095.49
16093	12/08/2014	LEATHA JONES	Bingo Float	380.00
16094	12/08/2014	J & S LAWN CARE	Lawn Care	1,317.58
16095	12/08/2014	KENN'S PRINTING LTD.	Office Supplies - Letterhead envelopes	268.94
16096	12/08/2014	LOBLAW COMPANIES LIMITED	Food for Meetings, Building Maintenance Supplies	457.99
16097	12/08/2014	BRIAN MCDOUGALL	Expenses - Reimbursement	557.11
16098	12/08/2014	MUNICIPALITY OF MIDDLESEX CENTR	2014 Final Taxes	350.66
16099	12/08/2014	MUNICIPALITY OF LAMBTON SHORES	2014 Final Taxes	446.46
16100	12/08/2014	MUNICIPALITY OF SOUTHWEST MIDD	2014 Final Taxes	1,012.61
16101	12/08/2014	MARYANNE NIEUWENHUIZEN	Expenses - Reimbursement - Boot Allowance	100.00
16102	12/08/2014	ONTARIO HOSE SPECIALTIES LIMIT	Pump out Hose	179.10
16103	12/08/2014	PETROLIA HOME HARDWARE	Building & Maintenance Supplies	45.17
16104	12/08/2014	PODOLINSKY FARM EQUIPMENT	John Deer Gator	17,998.64
16105	12/08/2014	Pollard Highway Products Ltd.	Dust Master	615.85
16106	12/08/2014	PUROLATOR COURIER	Courier Costs	17.49
16107	12/08/2014	RIVERVIEW	Equipment - Parts	81.91
16108	12/08/2014	Rural Lambton Stewardship Network	HSP Grant	7,300.00
16109	12/08/2014	SAGE ACCPAC CANADA INC.	Sage ACCPAC Renewal	2,563.69

16110	12/08/2014	SIGNS AND DESIGNS	Signs - Trails & Campgrounds	473.47
16111	12/08/2014	Spriet Associates	Consulting WWK - Lakeside Campground Roadway	4,998.31
16112	12/08/2014	WALTER TADGELL & SONS LTD	Equipment Repairs	374.62
16113	12/08/2014	THREE MAPLES VARIETY	Vehicle Fuel	855.98
16114	12/08/2014	MIKE TIZZARD	Expenses - Reimbursement	411.47
16115	12/08/2014	TOWNSHIP OF WARWICK	Utilities	2,087.09
16116	12/08/2014	BILL TURNER	Expenses - Reimbursement	238.28
16117	12/08/2014	JESSICA VAN ZWOL	Expenses - Reimbursement RSWMM Meeting	30.00
16118	12/08/2014	WARWICK GAS & VARIETY	Vehicle Fuel	498.18
16119	12/08/2014	WATFORD HOME HARDWARE BUILDING	Building & Maintenance Supplies	0.00
16120	12/08/2014	WATFORD HOME HARDWARE BUILDING	Building & Maintenance Supplies	3,987.74
16121	12/08/2014	WORKPLACE SAFETY & INS. BOARD	WSIB	7,086.30
16122	19/08/2014	JANESSA O'HARA	Payroll	347.97
16123	19/08/2014	INDUSTRIAL ALLIANCE INS.& FIN.SERVIC	Renewal - Group Accident Insurance	261.00
16125	27/08/2014	JENNIFER ALEXANDER, C/O INFINITE LI	Guest Speaker - Staff Education	395.50
16126	27/08/2014	J & S LAWN CARE	Lawn Care	998.92
16127	27/08/2014	VALLEY LAWN CARE	Lawn Care	4,322.25
16128	28/08/2014	P.CASH-D.BRODIE	Misc. Petty Cash Expenses	383.72
16130	05/09/2014	LYNN ROSALES	Guest Speaker	150.00
16130	11/09/2014	21 SHELL & VARIETY	Vehicle Fuel	681.32
16131	11/09/2014	AQUA POOLS,PATIOS & SPAS	Pool Supplies	93.09
16132	11/09/2014	ARCTIC GLACIER INC.	Ice - Campground	1,307.20
16133	11/09/2014	AUSABLE BAYFIELD CON.AUTHORITY	Ont. Farmers Stw. Grant	400.00
16134	11/09/2014	BADDER BUS SERVICE	Bus Tour	813.60
16135	11/09/2014	MARK BAKELAAR	Boot Allowance	100.00
16136	11/09/2014	BATTLEFIELD EQUIPMENT RENTALS	Equipment Rental - Wood Chipper,	3,915.21
16137	11/09/2014	BF ENVIRONMENTAL CONSULTANTS	Consulting	45,745.92
16138	11/09/2014	MUNICIPALITY OF BROOKE-ALVINST	Drain Maintenance	240.08
16139	11/09/2014	BUFFETT, TAYLOR & ASSOCIATES I	Employee Benefits	10,757.85
16140	11/09/2014	Canadian Linen & Uniform	Floor Mats	62.99
16141	11/09/2014	CAS KWARCIAK ELECTRIC	Electrical Work - WWK Laundry Room	167.67
16142	11/09/2014	CENTRAL SANITATION	Portable Toilets	1,245.82
16143	11/09/2014	STEPHEN CLARK	Expenses - Reimbursement	233.33
16144	11/09/2014	COINAMATIC	Washers & Dryers - Campgrounds	262.36
16145	11/09/2014	CONSERVATION ONTARIO	Ontario CA's Advertising Guide	621.50
16146	11/09/2014	COR'S MOTORS LTD.	Vehicle Repair / Maintenance	59.27
16147	11/09/2014	Cranberry's Catering	Meeting Food	180.89
16148	11/09/2014	DALLAS CUNDICK	Expenses - Reimbursement	25.85
16149	11/09/2014	MARLENE DORRESTYN	Expenses - Reimbursement - Uniform	24.42
16150	11/09/2014	DOWLER KARN PROPANE	Heating & Cooling	1,755.70
16151	11/09/2014	The Drawing Centre	Envirobond	106.63
16152	11/09/2014	DUN-RITE LANDSCAPING INC.	Lawn Care	242.95
16153	11/09/2014	DYNAMITE CONTRACTORS LTD.	Petrolia & Head Street Dam Repairs	3,433.40
16154	11/09/2014	FOREST AGRI SERVICES LTD.	Pool Supplies - Chlorine	819.53
16155	11/09/2014	FOREST CITY LEASING	Office Equipment Rental	293.80
16156	11/09/2014	Forest Gene Conservation Association	Books - Employee Education	120.00

16157	11/09/2014	FRAMPTON MAILING SYSTEMS	Mailing Supplies - Ink Cartridge	214.70
16158	11/09/2014	PATTY HAYMAN	Expenses - Reimbursement - Site Maps	41.70
16159	11/09/2014	HAYTER-WALDEN PUBLICATIONS INC	Advertising - Open House	177.98
16160	11/09/2014	H.R. DESA ENTERPRISES LTD.	Fishing Supplies	169.50
16161	11/09/2014	Imagewear a division of Mark's	Uniform	71.16
16162	11/09/2014	INDUSTRIAL PAINT/SUPPLIES LTD.	Paint	610.20
16163	11/09/2014	KELLY JOHNSON	Expenses - Reimbursement	444.14
16164	11/09/2014	JOHNSTON BROS.(BOTHWELL) LTD.	Gravel and Dust & Chips	7,725.22
16165	11/09/2014	LEATHA JONES	Bingo Float	380.00
16166	11/09/2014	KEY CONTACT	Project Expense	950.45
16167	11/09/2014	KLEEFMAN CLEANING SERVICES	Cleaning Services - Strathroy	409.63
16168	11/09/2014	CLAUDE LAFRANCE	Expenses - Reimbursement	99.58
16169	11/09/2014	LAKESIDE GRAIN & FEED LTD.	Herbicide Products	515.80
16170	11/09/2014	LAMBTON KENT FARM IMPLEMENTS L	Poly Cut Fingers	31.53
16171	11/09/2014	LANDSTRA CATERING	Food for Meetings	733.82
16172	11/09/2014	LARRY MACDONALD CHEV OLDS	Vehicle Repairs / Maintenance	51.92
16173	11/09/2014	LITTLE, INGLIS, PRICE & EWER	Legal Fees - Review Meeting Brief	759.36
16174	11/09/2014	LOBLAW COMPANIES LIMITED	Food and Supplies	487.09
16175	11/09/2014	LONDON FIRE EQUIPMENT LTD.	Fire Safety Equipment - Fire Extinguisher	89.27
16176	11/09/2014	LONDON TIRE SALES LTD.	ATV Tire Purchases / Repairs	413.93
16177	11/09/2014	LONDEX OFFICE PRODUCTS	Office Supplies	289.49
16178	11/09/2014	LUMBERJACK BUILDING CENTRES	Building Supplies	238.57
16179	11/09/2014	MSD Inc.	Picnic Tables	1,353.74
16180	11/09/2014	O'TOOLS RENT OR BUY	Rental Equipment	356.16
16181	11/09/2014	PARSONS SMALL ENGINE REPAIR	Chainsaw Repair	207.86
16182	11/09/2014	PETROLIA HOME HARDWARE	Building & Maintenance Supplies	18.52
16183	11/09/2014	PODOLINSKY FARM EQUIPMENT	Equipment Parts	270.31
16184	11/09/2014	TRACY PRINCE	Expenses - Reimbursement - Uniform & Training	152.54
16185	11/09/2014	Print & Web Communicatins Inc.	Education Brochure	569.52
16186	11/09/2014	PUROLATOR COURIER	Courier Costs	187.67
16187	11/09/2014	RIDGETOWN INDEPENDENT NEWS	Advertising - Campgrounds	53.16
16188	11/09/2014	RIVERVIEW	Vehicle Repairs & Maintenance	239.39
16189	11/09/2014	RONA 4536631 CANADA INC.	Building Materials - Posts	111.11
16190	11/09/2014	Shannon Vending Limited	Coffee Supplies	54.95
16191	11/09/2014	SHOREPLAN ENGINEERING LTD.	Project Expense - Cathcart Park	3,944.59
16192	11/09/2014	SPEEDY GLASS (STRATHROY)	Windshield Repair	113.00
16193	11/09/2014	DONNA STRANG	Expenses - Reimbursement	176.42
16194	11/09/2014	Strathroy & District Chamber o	Membership Fees	209.05
16195	11/09/2014	SUN MEDIA CORPORATION	Advertising	971.75
16196	11/09/2014	SUPERIOR COMPUTER SALES INC.	Consulting Fees - Remote System	111.87
16197	11/09/2014	SWISH MAINTENANCE LIMITED	Cleaning Supplies - Garbage Bags	54.04
16198	11/09/2014	THAMES TALBOT LAND TRUST	Habitat Restoration	5,500.00
16199	11/09/2014	THREE MAPLES VARIETY	Vehicle Fuel	689.01
16200	11/09/2014	MIKE TIZZARD	Expenses - Reimbursement	278.17
16201	11/09/2014	TOWNSHIP OF WARWICK	2014 Final Taxes	898.11
16202	11/09/2014	TOWNSHIP OF ST. CLAIR	Utilities - Water	58.25

16203	11/09/2014	TOWNSHIP OF DAWN-EUPHEMIA	Utilities	447.36
16204	11/09/2014	TREES MIDDLESEX CENTRE,C/O RUTH I	Habitat Restoration	6,000.00
16205	11/09/2014	UPPER THAMES RIVER CONS. AUTH.	Project Expense - Outdoor Education	3,000.00
16206	11/09/2014	VAN TUYL & FAIRBANK	Welding Wire	29.80
16207	11/09/2014	WARWICK AUTO SERVICE	Vehicle Repairs / Maintenance	73.39
16208	11/09/2014	WASTE MANAGEMENT OF CANADA COF	Waste Removal	2,236.61
16209	11/09/2014	WATFORD HOME HARDWARE BUILDING	Building & Maintenance Supplies	522.87
16210	11/09/2014	WORKPLACE SAFETY & INS. BOARD	WSIB	4,599.44
16211	11/09/2014	Yellow Pages Group	Advertising	49.94
16212	11/09/2014	FOREST AGRI SERVICES LTD.	Pool Supplies - Chlorine	156.22
16213	11/09/2014	FOREST CITY LEASING	Office Equipment Rental	293.80
16214	11/09/2014	GRAY'S FLOWERS & GIFTS	Flowers - John Skinner	83.62
16215	11/09/2014	TSC Stores	Building & Maintenance Supplies	156.23
16216	16/09/2014	MUNICIPALITY OF STRATHROY-CARA	2014 Final Taxes	2,120.84
16217	16/09/2014	STRATHROY CHAMBER OF COMMERCE	Gala Tickets	226.00
16218	24/09/2014	21 SHELL & VARIETY	Vehicle Fuel	476.78
16219	24/09/2014	ARBORTECH PROFS. TREE CARE	Tree Maintenance	241.57
16220	24/09/2014	ARCTIC GLACIER INC.	Ice - Campground	371.40
16221	24/09/2014	BISHOP CONTRACTING	Equipment Rental - Excavator	6,288.45
16222	24/09/2014	Campbells Outdoor Power Equipm	Equipment Repairs and Health & Safety Supplies	144.77
16223	24/09/2014	Canadian Linen & Uniform	Floor Mats	62.99
16224	24/09/2014	CENTRAL SANITATION	Portable Toilets	604.55
16225	24/09/2014	COINAMATIC	Washers & Dryers - Campgrounds	262.36
16226	24/09/2014	CONSERVATION ONTARIO	Conservation Area Guides	1,156.34
16227	24/09/2014	DOWLER KARN PROPANE	Heating & Cooling	630.97
16228	24/09/2014	DUC D'ORLEANS	RAP - St. Clair River Cruise	2,940.26
16229	24/09/2014	ENTERPRISE RENT-A-CAR CANADA L	Rental Vehicles	3,867.56
16230	24/09/2014	FOREST AGRI SERVICES LTD.	Pool Supplies	474.91
16231	24/09/2014	GARY FALCONER TRANSPORT LIMITE	Topsoil	700.60
16232	24/09/2014	HAMSTRA CARPET ONE	Paint and Brushes	289.91
16234	24/09/2014	J & S LAWN CARE	Lawn Care	318.66
16235	24/09/2014	KYIS EMBROIDERY	SCRCA Logos	36.16
16236	24/09/2014	BRIAN MCDOUGALL	Misc. Expenses & Travel	601.40
16237	24/09/2014	MERCURY BLUEPRINTING INC.	Foam Core Board	62.15
16238	24/09/2014	NIELSEN'S FLOWERS/COUNTRYGOOSE	Flowers	93.79
16239	24/09/2014	719329 ONTARIO LIMITED	Pump Tubes	61.70
16240	24/09/2014	PETROLIA HOME HARDWARE	Building & Maintenance Supplies	210.26
16241	24/09/2014	PODOLINSKY FARM EQUIPMENT	Equipment Parts	139.68
16242	24/09/2014	PUROLATOR COURIER	Courier	91.17
16243	24/09/2014	RAPID BINDING & LAMINATING	Shoreline Poster	79.10
16244	24/09/2014	RIVERVIEW	Vehicle Repairs / Maintenance	549.10
16245	24/09/2014	Shannon Vending Limited	Coffee Supplies	153.90
16246	24/09/2014	SIGNS AND DESIGNS	New Signs - Parks & Trails	1,289.90
16247	24/09/2014	DONNA STRANG	Expenses - Reimbursement	115.52
16248	24/09/2014	STRATHROY HOME HARDWARE BUILDI	Building & Maintenance Supplies	422.27
16249	24/09/2014	STRATHROY TIRE SALES & SERVICE	Tire Purchases / Repairs	25.00

16250	24/09/2014	MIKE TIZZARD	Expenses - Reimbursement	307.93
16251	24/09/2014	TSC Stores	Building & Maintenance Supplies	74.53
16252	24/09/2014	VALLEY LAWN CARE	Lawn Care	3,457.80
16253	24/09/2014	WARWICK GAS & VARIETY	Vehicle Fuel	1,131.76
16254	24/09/2014	WASTE MANAGEMENT OF CANADA COF	Waste Removal	1,773.86
16255	24/09/2014	WATFORD HOME HARDWARE BUILDING	Building & Maintenance Supplies	272.97
16256	24/09/2014	WATSON TIM-BR MART	Building & Maintenance Supplies	1,248.15
16257	24/09/2014	MIDDLESEX PRINTING CORPORATION	Brochures - Tree & Living In Harmony	397.42
16258	24/09/2014	Walpole Island Heritage Centre	Donation - 25th Anniversary	500.00
16263	26/09/2014	MILLIKEN PLUMBING & HEATING LT	Furnace Inspection	195.38
16264	26/09/2014	GIRISH SANKAR	Expenses - Reimbursement	319.50
16265	26/09/2014	JAY MORGAN, C/O ENVIROLOK CANADA	Tutorial Consulting & Labour	791.00

TOTAL CHEQUE DISBURSEMENTS - BANK #1 -

284,781.86

INTERNET BANKING

TRANS #	DATE	VENDOR	DESCRIPTION	AMOUNT
8000	26/08/2014	BELL CANADA	Telephone / Internet	36.44
8001	26/08/2014	BELL CANADA	Telephone / Internet	145.71
8002	26/08/2014	BELL MOBILITY CELLULAR	Cell Phone	252.28
8003	26/08/2014	BLUEWATER POWER	Electricity	144.92
8004	26/08/2014	BROOKE TELECOM CO-OP	Telephone / Internet	698.49
8005	26/08/2014	ENTEGRUS SERVICES INC. (CHATHA	Electricity	988.80
8006	26/08/2014	Execulink Telecom	Telephone / Internet	1,608.64
8007	26/08/2014	FCDQ (DESJARDINS)	Office Supplies	417.07
8008	26/08/2014	HYDRO ONE Networks Inc.	Electricity	0.00
8009	26/08/2014	HYDRO ONE Networks Inc.	Electricity	26,220.28
8010	26/08/2014	IBM CANADA LTD.	Document Management Software	2,418.17
8011	26/08/2014	PETRO CANADA INC.	Vehicle Fuel	5,302.49
8012	26/08/2014	Rogers Cable Communications Inc	Internet	180.74
8013	26/08/2014	ROGERS WIRELESS	Cell Phone	5.65
8014	26/08/2014	TSC Stores	Building & Maintenance Supplies	1,292.25
8015	26/08/2014	UNION GAS LIMITED	Heating & Cooling	46.93
8300	31/08/2014	BELL CANADA	Telephone / Internet	139.60
8301	31/08/2014	BELL MOBILITY CELLULAR	Cell Phone	53.34
8302	31/08/2014	BROOKE TELECOM CO-OP	Telephone / Internet	1,889.72
8303	31/08/2014	ENTEGRUS SERVICES INC. (CHATHA	Electricity	1,061.63
8304	31/08/2014	Execulink Telecom	Telephone / Internet	1,608.17
8305	31/08/2014	FCDQ (DESJARDINS)	Office Supplies	182.71
8306	31/08/2014	HYDRO ONE Networks Inc.	Electricity	0.00
8307	31/08/2014	HYDRO ONE Networks Inc.	Electricity	30,667.62
8308	31/08/2014	IBM CANADA LTD.	Document Management Software	2,418.17
8309	31/08/2014	PETRO CANADA INC.	Vehicle Fuel	5,856.92

8310	31/08/2014 Rogers Cable Communications Inc	Internet	180.74
8311	31/08/2014 ROGERS WIRELESS	Cell Phone	1,177.55
8312	31/08/2014 UNION GAS LIMITED	Heating & Cooling	33.40
8800	31/08/2014 MASTERCARD	General Expenditures	1,397.59
8801	31/08/2014 OMERS	Employee Benefits - Pension	45,144.88
8802	31/08/2014 ONTARIO MINISTER OF FINANCE	EHT	3,925.03
8803	31/08/2014 RECEIVER GENERAL	Staff Deductions	53,263.20
TOTAL INTERNET DISBURSEMENTS - BANK NO. 1 -			<u>188,759.13</u>

PAYROLL RUNS FROM AUG TO SEPT, 2014

PAYROLL NO. 16	\$	72,459.95
PAYROLL NO. 17	\$	71,920.51
PAYROLL NO. 18	\$	65,398.95
PAYROLL NO. 19	\$	61,446.87
TOTAL PAYROLL RUNS - AUG TO SEPT, 2014 -		<u>271,226.28</u>

TOTAL DISBURSEMENTS - August - September, 2014 - **744,767.27**

Pay date	Amount	
8/13/2014	72,459.95	16
8/27/2014	71,920.51	17
9/10/2014	65,398.95	18
9/24/2014	61,446.87	19
Grand Total	271,226.28	

12.(iii)



St. Clair Region Conservation Authority

2015 Proposed Fees

October 30, 2014

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

CAMPING FEES	2014	2015
Reservation Fee	\$8.00	\$8.00
Cancellation Fee	\$15.00	\$15.00
Daily, Unserviced	\$34.00	\$34.00
Daily, Serviced	\$39.50	\$40.00
60 buck weekend (AWC & LCH on designated weekends)	\$60.00	\$60.00
Weekly, Unserviced	\$204.00	\$204.00
Weekly, Serviced	\$237.00	\$237.00
Monthly, Unserviced	\$612.00	\$612.00
Monthly, Serviced	\$710.00	\$710.00
Seasonal Camping Fees – April 30, 2014 to October 15, 2014	2014	2015
Full Payment made on or before April 15 2014 , 15 AMP service	\$1,790.00	\$1,810.00
Full Payment made on or before April 15 2014 , 30 AMP service	\$1,970.00	\$1,995.00
First instalment payment on or before April 15 2014	\$1,300.00	\$1,300.00
Second instalment payment on or before June 1 2014, 15 AMP service	\$525.00	\$545.00
Second instalment payment on or before June 1 2014, 30 AMP service	\$705.00	\$730.00
Half Season, 15 AMP (after August 1)	\$895.00	\$905.00
Half Season, 30 AMP (after August 1)	\$985.00	\$997.50
Quarter Season, 15 AMP (after Sept 1)	\$447.50	\$452.50
Quarter Season, 30 AMP (after Sept 1)	\$492.50	\$498.75
Seasonal late payment fee	\$35.00	\$35.00
Seasonal Campsite deposit (new seasonal camper wanting to reserve site for following season)	\$100.00	\$100.00
Miscellaneous Fees	2014	2015
Overnight Visitors (per person)	\$5.00	\$5.00
Sewage Pump Out per service fee	\$25.00	\$25.00
Sewage Pump Out seasonal fee	\$150.00	\$150.00
Winter Storage for Trailers arriving after Thanksgiving	\$150.00	\$150.00
Exterior fridge/freezer charge	\$150.00	\$150.00
Extra hydro fee for electric golf cart	\$150.00	\$150.00
Golf Cart (day/month)	\$ 5.00/\$30.00	\$ 5.00/\$30.00
Extra hydro/Exterior fridge/freezer if found during inspection by staff	\$200.00	\$200.00
Ice	\$3.00	\$3.00
Firewood (bundle)	\$7.00	\$7.00
Firewood (1/2 cord)	\$35.00	\$35.00
Firewood (cord)	\$70.00	\$70.00
DAY USE FEES	2014	2015
Vehicle	\$7.00	\$7.00
Pedestrians/Cyclists (16 & over)	\$2.00	\$2.00
Seasonal Day Pass	\$60.00	\$60.00
Buses	\$15.00	\$15.00
Open Pavilion reservation	\$60.00	\$60.00
Closed in Pavilion reservation (Warwick/LC Henderson)	\$100.00	\$100.00
Swimming Daily Fee	\$2.00	\$2.00
Seasonal Swimming Pass - Individual	\$35.00	\$35.00
Seasonal Swimming Pass - Family	\$90.00	\$90.00

CONSERVATION SERVICES FEES	2014	2015
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	\$1.00/tree
Minimum charge for under 1000 trees	\$750.00/site	\$750.00/site
500 - 999 trees	n/a	n/a
1000 – 1950 trees	\$0.92/tree	\$0.92/tree
2000 plus trees	\$0.80/tree	\$0.80/tree
Includes tree planting and initial herbicide application		
Seedling Tree Planting Services Hand plants:		
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	\$270.00 /application
1000+ trees -machine sprayer single herbicide	\$0.25/tree/application	\$0.25/tree/application
1000+ trees -back pack single herbicide	\$0.35/tree/application	\$0.35/tree/application
Tank Mixes multiple herbicides	\$0.40/tree/application	\$0.40/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

PLANNING SERVICE FEES		2014	2015		
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	Combined
Minor (scoped)					
	Report Review – internal review and provision of comments ie. scoped EIS, geotech, coastal_1 lot equiv	\$300.00	\$300.00	\$300.00	\$500.00 (sum of two <\$100)
Major					
	Report Review – internal review and provision of comments ie. internal review of : floodline, coastal , hydrogeology, geotech, full EIS)	\$500.00 - \$1000.00	\$500	\$2,000.00	\$2,400
	Report review - external review		BOQ ² ie. Coastal or Geotech	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					
‡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					
Severance (per lot created)		\$200.00	\$200.00	\$300.00	\$300.00
Minor Variance		\$100.00	\$100.00	00.00 (site insp re	\$200.00
Zoning By Law Amendment		\$200.00	\$200.00	\$300.00	\$300.00
Official Plan Amendment					
Minor		\$200.00	\$200.00	\$300.00	\$300.00
Major - includes complex natural hazard and/or natural heritage issues involving multiple peer rev		\$200.00	\$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 Plan application			\$200.00,	500.00, \$250.00	500.00, \$250.00 if value <
		200.00 (2010)	100.00 value <	value < \$50,000	\$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)		\$200.00			
Minor - 1 time interpretation of map/policies/1 bldg envelope plan presented			\$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
Legal Inquiry - SCRCA Regulation 171/06		\$100.00			\$100.00
Site Assessment (ie Terrestrial/Aquatic Ecosystem Review) plus reporting (2 hrs min)		\$90/hr plus exp.			\$90/hr plus exp.

Ontario Regulation 171/06 Review Fees		2014	2015
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	\$500.00	\$500.00
c)	Minor	\$100.00	\$100.00
	Aggregate Resources Act review		\$2,000.00
	Environmental Assessment Act (private proponent) - minor		\$2,000.00
	- major		\$5,000.00
	DART review - Minor	\$200.00	\$200.00
	DART review - Major (wetland)	\$600.00	\$600.00
Other Fees			
	Golf course development/realignment	\$600.00	\$600.00
	Application renewal	\$50.00	\$50.00
	Application revisions beyond 2 resubmissions provided checklist acknowledged	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 intersts. Clearance required. Works that are considered minor in nature, identified by factors such as			
**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			

ADMINISTRATION FEES	2014	2015
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	2014/2015	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	2014	2015
Technical Reports - Adobe digital (pdf) format on CD	\$20.00	\$20.00
Data and Information Requests		
a) HEC II, HYMO, Hyrdo Pak, Streamgauge, Precipitation, Meteorological or Flow Data	\$65.00	\$65.00
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	\$20.00

2015 Camping Fee Summary
KB/October 20, 2014

12.(iii)

Conservation Authority	Seasonal Rate with Winter Storage & Taxes	Overnight Serviced (per night)	Overnight Unserviced (per night)	Vehicle Pass	Seasonal Vehicle Pass	Pumpout
Great Canadian Hideaway (*2014 rates*)	\$2,231.50 - 30 amp (plus hydro)	\$48.59 (30 amp)	\$38.42	\$ 5.00 per person \$ 16.00 per vehicle		\$ 113 per season
Upper Thames River (*2014 rates*) (April 26 to October 20)	\$2,310.00 - 30 amp (reg) \$ 2,495.00 – waterfront \$ 3,075.00 premium \$ 2,225.00 - 15 amp (reg)	\$ 45.00 (30 amp) Monthly \$ 940.00 Weekly \$ 292.00	\$35.00	\$ 12.00	\$ 90.00	\$ 225.00 Bi weekly \$ 40.00 Per pump out
St. Clair Township (Cathcart, Cundick, Mooretown) (*2014*)	\$ 2,115.00 (30 amp & sewer)	\$40.00 (30 amp & sewers) \$ 45.00 (prime campsites) Weekly \$250; monthly \$765.	N/A			
Kettle Creek Conservation Authority (*2014 rates*)	\$ 1,902.00 - 15 amp \$2,142.00 - 30 amp	\$43.00 (30 amp) \$37.00 (15 amp) Weekly \$267.00 Monthly \$ 799.00	\$34.00	\$ 8.00	\$75.00	\$ 30 per pump out
Our Ponderosa Ipperwash (*2014 rates*)	\$3,565.15 - 30 amp Regular site (plus hydro)	\$ 57.63 (30 amp) weekdays \$ 74.58 weekends		\$ 6.00 per person		

Lakewood Christian Campground (*2014 rates*)	Ranges from \$ 2,231.75 to \$ 2,373.00 30 amp & sewers	\$ 45.20 - 30 amp (Add \$ 5.00 / night for long weekends) Weekly \$271.20 (includes hydro, water, sewer)	\$ 33.90 (Add \$ 5.00/ night for long weekends)	\$ 3.39/ person or \$ 9.04/ family	\$ 39.55/ person or \$ 56.50/ family	
Silver Dove Estates Formerly Jefferson Junction (Appin) (*2014 rates*)	\$ 2,090.50 plus hydro & winter storage	\$ 41.25 - 30 amp	\$ 38.99	\$ 3.30/person \$ 11.30/family		
Maitland Valley *2014*	\$2,317.00 (30 amp)* \$ 2,113.00 (15 amp)* (April 20 to Oct 23) *if paid with credit card	\$ 42.00- 15 amp \$ 47.00- 30 amp Monthly- \$ 810.00 Weekly - \$ 291.25	\$ 32.00	\$ 5.00/adult \$2.50/child	\$ 80.00	
Essex Region (Holiday Beach) (*2014 rates*)	\$ 2,169.60 -15 amp \$ 2,395.60 - 50 amp	\$ 38.00 – 50 amp \$ 33.00 – 15 amp	N/A	\$ 10.00	\$ 70.00	
Mitchell's Bay Marine Park (*2014*)	Ranges from \$4,539.21 to \$ 3,088.29 (plus hydro)	\$ 45.20 (weekdays) \$ 56.50 (Weekends) (Stat holiday - 3 day min)	\$ 39.55			\$ 400.00 bi weekly \$ 30.00 per pumpout
St. Clair Region (2014 rates)	\$1,970.00– 30 amp \$1,790.00– 15 amp Winter storage, water & hydro included	\$39.50 (hydro & water)	\$34.00	\$7.00	\$60.00	\$150.00 Bi weekly \$25.00 per pump out
St. Clair Region (proposed 2015 rates)	\$1,995.00– 30 amp \$1,810.00– 15 amp Winter storage, water & hydro included	\$40.00 (hydro & water)	\$34.00	\$7.00	\$60.00	\$150.00 Bi weekly \$25.00 per pump out

- Fee increases are a result of inflationary and operational increases associated with wages, utilities and general costs
- Even with this small increase our rates remain competitive with local private and regional conservation authority campgrounds

Municipal Funding Summary

12(iv)

Municipality	2014 CVA Apport. %	2015 CVA Apport. %	2013/2014 Increase or (Decrease)	2014	2015	2014/2015 Increase or (Decrease)	3D Mapping	2015					2014	Change
				General Levy	Proposed General Levy			Flood Control Oper/Maint	Erosion Control Oper/Maint	Recreation	Capital Development	Total Municipal Funding	Total Municipal Funding	
Adelaide Metcalfe Tp	1.6777%	1.6688%	-0.0089%	\$ 11,055	\$ 11,701	\$ 646	\$ 751					\$12,452	\$11,810	5.44%
Brooke-Alvinston Tp	1.5786%	1.5879%	0.0093%	\$ 10,402	\$ 11,134	\$ 732	\$ 715					\$11,848	\$11,112	6.62%
Chatham-Kent M	13.2456%	13.2964%	0.0508%	\$ 87,280	\$ 93,229	\$ 5,949	\$ 5,983	\$39,000	\$1,500	\$10,750		\$150,462	\$144,490	4.13%
Dawn-Euphemia Tp	2.4448%	2.4498%	0.0050%	\$ 16,110	\$ 17,177	\$ 1,067	\$ 1,102			\$7,085		\$25,364	\$24,295	4.40%
Enniskillen Tp	1.7198%	1.7303%	0.0105%	\$ 11,332	\$ 12,132	\$ 800	\$ 779					\$12,911	\$12,106	6.65%
Lambton Shores M	4.8604%	4.9046%	0.0442%	\$ 32,027	\$ 34,389	\$ 2,362	\$ 2,207			\$2,100		\$38,696	\$36,314	6.56%
Middlesex Centre Tp	2.0592%	2.0763%	0.0171%	\$ 13,569	\$ 14,558	\$ 989	\$ 934			\$1,300		\$16,793	\$15,795	6.31%
Newbury V	0.1571%	0.1520%	-0.0051%	\$ 1,035	\$ 1,066	\$ 31	\$ 68					\$1,134	\$1,106	2.56%
Oil Springs V	0.2017%	0.1988%	-0.0029%	\$ 1,329	\$ 1,394	\$ 65	\$ 89					\$1,483	\$1,420	4.47%
Petrolia T	2.4151%	2.4383%	0.0232%	\$ 15,914	\$ 17,096	\$ 1,182	\$ 1,097			\$900		\$19,094	\$17,901	6.66%
Plympton-Wyoming T	5.0158%	5.0718%	0.0560%	\$ 33,051	\$ 35,561	\$ 2,511	\$ 2,282			\$10,980		\$48,824	\$46,288	5.48%
Point Edward V	2.3980%	2.3978%	-0.0002%	\$ 15,801	\$ 16,812	\$ 1,011	\$ 1,079		\$2,000			\$19,891	\$18,880	5.36%
Sarnia C	39.8381%	39.7606%	-0.0775%	\$ 262,507	\$ 278,785	\$ 16,278	\$ 17,892		\$15,000	\$8,550		\$320,228	\$303,984	5.34%
Southwest Middlesex M	1.1235%	1.1237%	0.0002%	\$ 7,403	\$ 7,879	\$ 476	\$ 506					\$8,385	\$7,909	6.02%
St. Clair Tp	11.1080%	10.9391%	-0.1689%	\$ 73,194	\$ 76,701	\$ 3,506	\$ 4,923	\$2,000	\$1,000		\$160,000	\$244,623	\$241,193	1.42%
Strathroy - Caradoc Tp	8.1475%	8.1880%	0.0405%	\$ 53,687	\$ 57,411	\$ 3,724	\$ 3,685		\$1,000	\$20,100		\$82,196	\$78,453	4.77%
Warwick Tp	2.0091%	2.0158%	0.0067%	\$ 13,239	\$ 14,134	\$ 895	\$ 907					\$15,041	\$14,143	6.35%
				\$658,935	\$ 701,160	\$ 42,225	\$45,000	\$41,000	\$20,500	\$61,765	\$160,000	\$1,029,425	\$987,200	4.28%

Proposed St. Clair Region Conservation Authority 2014 Budget Summary November 5, 2014

12(v)

	Budget	Provincial Grant	Provincial Grant Reserve	Other Grant/Program Funds	Matching Levy	Non Matching Levy	Special Levy	Revenues	Reserves
Flood Control Operations and Maintenance	\$568,950	\$246,000	\$0	\$46,100	\$200,000	\$0	St. Clair - McK Maint \$2,000 C-K- McK Maint - \$38,000, Arda - \$1,000	Oil & Gas Revenue - \$2,500 Carryforwards - \$143,400 Other Income - \$6,000	\$0
Erosion Control Operations & Maintenance	\$41,000	\$20,500	\$0	\$0	\$20,500	\$0	Sarnia - SECP \$13,000 Pt. Edward - PEECP \$2,000 C-K - Dres RetWalls&CECP \$500 Sarnia - SBCECP \$2,000 C-K - Wallaceburg Walls \$1,000 Strathroy - StrECP \$1,000 St. Clair - Corrunna Ret Wall \$1,000 St. Clair - Cathcart Park \$160,000		\$0
Capital Projects	\$320,000	\$0	\$0	\$160,000	\$0	\$0		Carryforwards - \$150,520	\$0
Source Protection Planning	\$200,000	\$0	\$0	\$200,000	\$0	\$0			\$0
Planning and Regulations	\$427,600	\$15,000	\$0	\$0	\$15,000	\$150,180	All Municipalities based on General Levy Split \$45,000 (3D Mapping)	Fees - \$73,000 Carryforward - \$38,500	\$70,920
TS - Hazard & Flood Information Management	\$12,000	\$4,500	\$0	\$0	\$4,500	\$3,000			\$0
TS - IPZ	\$0	\$0	\$0	\$0	\$0	\$0		Carryforward \$5,977	\$0
TS - Aquatic systems monitoring	\$173,800	\$0	\$0	\$3,500	\$0	\$33,000		Carryforward \$109,800	\$0
TS - Healthy Watershed	\$28,100	\$0	\$0	\$28,100	\$0	\$0			\$0
St. Clair AOC Management	\$177,500	\$0	\$0	\$177,500	\$0	\$0			\$0
Conservation Services	\$895,327	\$0	\$0	\$77,000	\$0	\$0		Fees - \$406,000 Carryforward \$390,600	\$15,000
MNR Species at Risk	\$210,124	\$0	\$0	\$160,124	\$0	\$0		Carryforward \$50,000	\$0
Recreation	\$1,124,300	\$0	\$0	\$12,676	\$0	\$12,935	Shetland - Dawn-Euphemia \$7,085 Wawanosh - City of Sarnia \$8,550 Clark Wright - Strathroy-Caradoc \$1,600 Bridgeview - Town of Petrolia \$900 Coldstream - Middlesex Centre \$1,300 Crothers - Chatham-Kent \$1,600 Stranak - Chatham-Kent \$8,000 Peers - Chatham-Kent \$1,150 Strathroy - Strathroy-Caradoc \$18,500 McEwen - Plympton-Wyoming \$10,980 Dodge - Lambton Shores \$2,100	Fees - \$956,800 Foundation - \$1,250 Carryforward PEERS - \$23,400	\$0
Capital Development	\$114,000	\$0	\$0	\$0	\$0	\$0		Carryforward - \$26,265	\$94,700
Property Management	\$273,000	\$0	\$0	\$7,500	\$0	\$0	\$0	Rental Income - \$185,000 County of Lambton - \$45,000 Carryforward - \$5,487 Revenue - \$20,000	\$10,000
Information and Education	\$210,900	\$0	\$0	\$11,500	\$0	\$74,900	\$0	Fees - \$20,000 Donations - \$50,000	\$54,500
IT Capital	\$19,200	\$0	\$0	\$0	\$0	\$0		\$19,200	\$0
Equipment	\$72,000	\$0	\$0	\$0	\$0	\$0		\$72,000	\$0
Legal	\$1,000	\$500	\$0	\$0	\$500	\$0			\$0
Administration	\$842,940	\$23,500	\$0	\$6,000	\$69,500	\$117,145		Rental Income - \$12,000 Interest Income - \$65,000 Foundation - \$9,000 Allocated Admin Costs - \$60,000 Admin Fees - \$53,500 Oil & Gas Revenue - \$57,000 Carryforward - \$232,130	\$162,665
Total CA Budget	\$5,711,741	\$310,000	\$0	\$890,000	\$310,000	\$391,160	\$280,765	\$3,122,031	\$407,785
Employment Programs	\$220,000	\$0	\$0	\$0	\$0	\$0	\$0	\$220,000	\$0
Stewardship Programs	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$0
Total Budget	\$6,081,741	\$310,000	\$0	\$890,000	\$310,000	\$391,160	\$280,765	\$3,492,031	\$407,785

* The Authority assists in the administration of the Employment and Stewardship programs, therefore these items must be approved under the Authority's budget for signing authorization. .
The funds are only transferred in and out with the Authority having no direct spending controls and is therefore not considered in applying for grant

	2014	2015	% Increase
Base	658,935	701,160	6.41%
Plus Spec Levy for 3D Mapping	45,000	45,000	0.00%
	<u>703,935</u>	<u>746,160</u>	6.00%

Proposed St. Clair Region Conservation Authority 2015 Operation Budget Summary - November 5, 2015

12.(iv)

	2014 Budget	2015 Proposed Budget	Provincial Grant	Provincial Grant Reserves	Other Grant/Program Funds	Matching Levy	Non Matching Levy	Special Levy	Revenues	Reserves
Flood Control Operations & Maintenance	\$ 681,900	\$ 568,950	\$ 246,000		\$ 46,100	\$ 200,000	\$ -	\$ 40,000	\$ 36,850	
Erosion Control Operations & Maintenance	\$ 41,000	\$ 41,000	\$ 20,500			\$ 20,500				
WECl Capital Projects	\$ 432,520	\$ 320,000			\$ 160,000			\$ 134,000	\$ 26,000	
Source Protection Planning	\$ 200,000	\$ 200,000			\$ 200,000					
Planning and Regulations	\$ 395,500	\$ 427,600	\$ 15,000			\$ 15,000	\$ 150,180	\$ 45,000	\$ 131,500	\$ 70,920
TS - Hazard & Flood Information Management	\$ 46,000	\$ 12,000	\$ 4,500		\$ -	\$ 4,500	\$ 3,000			
TS - IPZ	\$ 25,977									
TS - Aquatic systems monitoring	\$ 144,800	\$ 173,800			\$ 3,500		\$ 33,000		\$ 137,300	
TS - Healthy Watershed	\$ 59,000	\$ 28,100			\$ 28,100					
AOC Management	\$ 177,500	\$ 177,500			\$ 177,500					
Conservation Services/Healthy Watershed	\$ 888,600	\$ 895,327			\$ 77,000				\$ 803,327	\$ 15,000
MNR Species At Risk	\$ 210,124	\$ 210,124			\$ 160,124				\$ 50,000	
Recreation	\$ 1,068,826	\$ 1,124,300			\$ 12,676		\$ 12,935	\$ 61,765	\$ 1,036,924	\$ -
CA Capital Development	\$ 120,965	\$ 114,000							\$ 19,300	\$ 94,700
Property Management	\$ 300,487	\$ 273,000			\$ 7,500				\$ 255,500	\$ 10,000
Information and Education	\$ 189,630	\$ 210,900			\$ 11,500		\$ 74,900		\$ 70,000	\$ 54,500
IT Capital	\$ 19,200	\$ 19,200							\$ 19,200	
Equipment	\$ 72,000	\$ 72,000							\$ 72,000	
Legal	\$ 1,000	\$ 1,000	\$ 500			\$ 500				
Administration	\$ 797,130	\$ 842,940	\$ 23,500		\$ 6,000	\$ 69,500	\$ 117,145		\$ 464,130	\$ 162,665
Total CA Budget	\$ 5,872,159	\$ 5,711,741	\$ 310,000	\$ -	\$ 890,000	\$ 310,000	\$ 391,160	\$ 280,765	\$ 3,122,031	\$ 407,785
Employment Programs	\$ 220,000	\$ 220,000				\$ -	\$ -	\$ -	\$ 220,000	\$ -
Stewardship Programs	\$ 150,000	\$ 150,000				\$ -	\$ -	\$ -	\$ 150,000	\$ -
Total 2015 Proposed Budget	\$ 6,242,159	\$ 6,081,741	\$ 310,000	\$ -	\$ 890,000	\$ 310,000	\$ 391,160	\$ 280,765	\$ 3,492,031	\$ 407,785
2014 Approved Budget	6,242,159		310,000		927,800	273,500	385,435	328,265	3,659,329	357,830

* The Authority assists in the administration of the Employment and Stewardship programs, therefore these items must be approved under the Authority's budget for signing authorization. The funds are only transferred in and out with the Authority having no direct spending controls and is therefore not considered in applying for grant.

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

658935 \$ 701,160 \$ 42,225
0.06408068

SCRCA Joint Health & Safety Committee Meeting Minutes- July 9, 2014

Lower Board Room
205 Mill Pond Crest.
Strathroy, ON

Meeting called by:	JHSC Committee	Type of meeting:	Quarterly
Date:	Wed., July 9, 2014 (rescheduled from 11-Jun-14)	Time:	8:30 am
Facilitator:	Steve Clark		
Minutes:	Heather Long		
Attendees:	Mark Bakelaar, Kevan Baker, Steve Clark, Jeff Sharp, Heather Long,		

Minutes of Agenda Items

1. Approve March 20, 2014 meeting minutes

Motion: that “The Minutes of the March 20, 2014 meeting be approved as printed.”

Moved/Seconded/Carried – Jeff/Mark/Carried

2. Business arising from the minutes

2.1. Review of Action Items

Steve Clark:

- to review Section 3.5.2 & 3.5.6 (Safety Officer Responsibilities) and bring recommendation for change to committee at June 2014 meeting for updating (*March 20, 2014 – item 3.1*) (see also *December 12, 2012 – item 2.9 and March 27, 2013 – item 2.7*)

Motion: that “The updates, combining Sections 3.5.4 & 3.5.6 prepared by Steve Clark be added to the Health & Safety Manual, following approval by the Board of Directors.” (see attached)

Moved/Seconded/Carried – Jeff/Mark/Carried

Action Item:

- **Marlene** to add motion to next meeting of the Board of Directors.
 - **Heather** to update Health & Safety Manual when approved
 - to use training matrix to identify who did not attend fire safety training in August, 2013 and see if this group can fit into an existing training course through Strathroy Fire Dept. (*March 20, 2014 – item 2.1*)
- Action Item:**
- **Steve Clark** to ask Brian if fire safety training will be included in the August 20, 2014 Team Building Day. If it is not, Steve to arrange training for full time staff who were not included in 2013 training.
 - to review McKeough training files (saved on disc) and check to ensure that training includes “read the manual”. Disc to be stored and information added into the Health & Safety Manual (*March 20, 2014 – item 3.1*)
- Action Item:**
- **Steve Clark** - in process.
 - to develop 2014 inspection schedule and forward to Heather to post on all Health & Safety Bulletin Boards (*March 20, 2014 – item 3.1*)

Discussion:

- Completed and posted

Kevan Baker

- to talk to Brian McDougall re: incorporating fire safety training annually, as part of SCRCA team building day (*March 20, 2014 – item 2.1*)

Discussion:

- JHSC does not feel fire safety training needs to be carried out with staff each year

Action Item:

- **Kevan** to talk to Brian to confirm what training he would like to incorporate into Team Building Day
- to provide basic Health and Safety training to all staff and supervisors on April 2, 2014 (*March 20, 2014 – item 4.5*) – **completed April 2, 2014 and with summer staff at their respective start-up training sessions**
- to discuss “Staff Entrance – All Visitors Please Use Front Door” signs with Brian (*March 20, 2014 – item 4.9*)

Discussion:

- accessibility renovations will address this as only the front door will be open for the public. Other exterior doors will be accessed by staff using swipe cards.
- to schedule annual WHMIS training for all staff (*March 20, 2014 – item 4.10*) - **completed April 2, 2014 and with summer staff at their start up training sessions**

Jeff Sharp:

- **Jeff** to review OPS Fleet Driver Manual and vehicle training section from Upper Thames C.A. and give proposed Driver Manual to Kevan to take to Supervisors (*March 20, 2014 – item 2.1*)

Action Item:

- **Kevan, Steve, Mark, Heather** to send suggested changes to Jeff Sharp by August 30th
- **Jeff** to update with suggestions
- **JHSC** to review at the September meeting

Heather Long

- to scan and save hard copies of the most recent training sign-in sheets (*March 20, 2014 – item 4.7*) - **completed for all training sheets received from staff/supervisors. Staff can now keep their individual copies in their own files.**
- to develop a new sign-in system for staff in Strathroy (*March 20, 2014 – item 4.8*)- **new white board at reception completed and in use**
- to update MSDS binder in Strathroy with department sections (*March 20, 2014 – item 4.8*) - **in process**
- to develop sign-in/sign-out form for visitors and forward to management (*March 20, 2014 – item 4.9*) - **Draft completed**

Discussion:

- **Steve C.** to review how other public agencies regarding their access procedures

Action Item:

- **Brian** to review
- **Steve C.** to communicate use of sign-in sheets by other CAs to Brian

3. Area Reports/Workplace Inspections

- 3.1. Watershed Services (Steve C.) – no report
- 3.2. Workplace Inspections (Steve C.)

Discussion:

- completed McKeough, LCH, WWK, Clark Wright, AWC, Strathroy Office
- supervisors have been made aware of issues that relate to their areas and have begun to correct issues that were identified as concerns

Action Item:

- **Steve C.** to schedule McLean inspection for the fall of 2014
- **Kevan** to check the number of fire extinguishers needed
- **Steve C.** to investigate the need for smoke detectors in public buildings (including

workshops)

3.3. General CAs (Kevan/Mark)

Discussion:

- concern that full names on name tags worn by staff may increase the risk of unsolicited contact
- 6 staff completed chainsaw certification – information has been added to training spreadsheet

Action Item:

- staff can request a name tag with their first name only or they can choose not to wear a name tag

3.4. Other Departments – no reports

4. New Business

4.1. Review of Incident/Injury Investigation Reports since our March 20, 2014 meeting (Steve)

Discussion:

- 1 report – no lost time – scanned and filed

4.2. Fire Equipment Inspection – Strathroy, Clark Wright, AWC, LCH, WWK

- completed May 2014
- staff to document fire extinguisher and emergency lights that are checked

Action Item:

- **Heather** to prepare documentation forms for parks, McKeough, McLean

4.3. Vehicle Inspection Sheets

- Being updated to include driving time log
- When printed these forms have 2 sides – the documentation side and the vehicle information side. A complete sheet must include both sides.
- When towing a trailer the inspector must include the trailer letter beside the vehicle number

Action Item:

- **Supervisors** to communicate this to their staff
- **Heather** to confirm with MTO contact and Brian, the need for completion of time log books for vehicles other than CVOR vehicles

4.4. New proposed JHSC Certification Training Standard is coming in 2015

4.5. JoeGlo MSDS for coffee pot cleaning

- returned to Shamrock who will clean coffee pots when coffee is delivered

4.6. AED possibility update

- possibility of one for LCH from Lambton Big Bike Ride \$ raised

4.7. McLean Property – Health & Safety Equipment needs

- Now have a phone (land line) which has been added to Emergency Numbers

Action Item

- **Kevan** to assess need for fire extinguisher(s)

4.8. Lifting Policy/Training

- have a video which has been/can be used for training
- staff need to be made aware of equipment we have to assist with heavy lifts

Action Item:

- **Steve C.** to review the need for lifting policy / lifting training
- **Kevan** to remind supervisors of the need to train staff on proper lifting procedures, lifting equipment available and make video available to them

4.9. MTO Presentation – June 18th at full staff meeting

- Jeff Wootton provided information to all staff on CVOR, towing, daily vehicle inspections

4.10. Sharps Containers

Action Item:

- **Kevan** to purchase one per park truck for sharp objects found when collecting garbage

4.11. Response to Summer Job Service Questions

- Gatehouse safety instruction sheet is used to train staff
- Cash is stored in a safe, remote location
- Gatehouse staff have all superintendent & assistant sup's contact phone numbers

5. Goals and Objectives in 2014

- 5.1. To regularly review MOL website to educate ourselves and learn from documented investigations and fines (ongoing)
- 5.2. To review safety manual and make changes as necessary (ongoing)
- 5.3. To appoint a worker rep. for a 3 year term (schedule for October 2014)
- 5.4. Conduct workplace inspections as required (at least one location each month)
- 5.5. To encourage supervisors to complete safety reviews and 5 point check lists on a more frequent basis (ongoing) – **Kevan** to take to next meeting
- 5.6. To organize the JHSC files on the O drive (ongoing)
- 5.7. To recommend that Supervisors schedule retraining refreshers with their staff, once a month (ongoing)
- 5.8. To develop and incorporate a drivers safety training program into our orientation of all staff (in process)
- 5.9. To send occasional Health & Safety Bulletins to all staff (ticks, heat alerts)

6. Next meeting date: Sept, 16, 2014 – Kevan Baker to chair.
Future 2014 meeting dates – Nov 26th (Steve to chair)

7. Adjournment – 11:00 am

Misc. Information

Observers:

Contacts:

Worker Co-chair/Inspector:	Steve Clark	sclark@scrca.on.ca
Management Co-chair:	Kevan Baker	kbaker@scrca.on.ca
Worker Reps.:	Mark Bakelaar	mbakelaar@scrca.on.ca
	Steve Clark	sclark@scrca.on.ca
	Jeff Sharp	jsharp@scrca.on.ca
Committee Secretary:	Heather Long	hlong@scrca.on.ca

Signature of Co-chair

Date

Signature of Co-chair

Date

3.5.6 Responsibilities of the JHSC Members (OHS 3.5.6)

All members have a role in making sure that the JHSC meets its goals. Active participation is essential for successful committee function including the following:

- Attendance at meetings.
- Contributing ideas to discussions.
- Co-ordinate activities with Joint Health & Safety Committee
- Obtaining information and following up on accepted assignments.
- Listening to concerns or suggestions made by employees outside the JHSC.
- Identify workplace hazards.
- Make recommendations to the Employer.
- Undertaking special tasks for the JHSC.
- Represent the Conservation Authority when meeting with the Ministry of Labour
- Assist in conducting inspections or investigations during work refusals, accident investigations or Ministry inspections.
- Participate in workplace inspections as assigned by JHSC.
- Ensure that information about the activities of the Health and Safety Program is communicated clearly throughout the organization.
- Promote the goals and objectives of the JHSC within SCRCA.
- Select an alternate if unable to attend meetings or fulfill duties.
- Worker members participate in the selection of a worker co-chair.
- Ensure all members of management have a working knowledge of the Act and that they have a current copy of the Act and applicable Regulations.
- Conduct periodic audits and inspections of all locations to make sure they are in full compliance with the Act and its Regulations at least once each month.
- Assist members of management and employees with any questions they may have about the Act and its Regulations.
- Inspect Health and Safety Bulletin Boards for information legislatively required under the Act.
- Formulate and implement the Conservation Authority health and safety programs
- Identify workplace hazards and make recommendations to the Employer.
- Establish and implement policies and procedures to ensure compliance with Provincial legislation.
- Co-ordinate and deliver safety training and education for workers.
- Members have training in safety legislation, incident investigation, hazard assessment and identification, workplace inspections, and Part 2 Sector Specific WSIB Certification.
- Report directly to a top management official.

Staff Report

12.(vii)



To: Board of Directors
Date: November 4, 2014
From: Marlene Dorrestyn, Administrative Executive Assistant
Subject: Nominating Committee

The Nominating Committee meets the end of January/early February (tentatively February 5, 2015) and recommends directors to serve on various Committees.

Executive Committee

- ☞ seven members to be recommended to the Annual General Meeting
- ☞ consideration should be given to representation from each of the 4 districts
- ☞ meets once annually on average in January or early February

Flood Action Committee

- ☞ Conservation Authority Chair, Vice Chair, Authority members from St. Clair Township and Chatham-Kent
- ☞ meets once annually on average in January

Low Water Response Committee

- ☞ Conservation Authority Chair, Vice Chair and 3 or 4 other members (one each of Middlesex, Sarnia/Lambton and Chatham-Kent)
- ☞ meets once annually on average in spring

Middlesex Stewardship Council

- ☞ two members (representatives prioritized from Middlesex or those with rural background)
- ☞ meeting every other month

2014 Nominating Committee consisted of:

Sarnia – Anne Marie Gillis

Lambton - Bill Bilton

Chatham-Kent – Joe Faas

Middlesex – Norm Giffen

Authority Chair, ex officio

Authority Vice Chair, ex officio

Staff Report

12.(viii)



To: Board of Directors
Date: October 9, 2014
From: Marlene Dorrestyn, Administrative Executive Assistant
Subject: 2015 Tentative Schedule of Meetings

Board of Directors: February 19 (3rd Thursday) - Annual General Meeting (Mooretown)
April 16 (3rd Thursday)
June 25 (4th Thursday)
September 17 (3rd Thursday)
November 12 (2nd Thursday)
December 10 (2nd Thursday)

Executive Committee: at the call of the chair.

All Board of Director and Executive Committee meetings are held at the Administration Office at 10:00 a.m., with the exception of the June meeting which follows the Project Tour.

Flood Action Committee: January 8 (2nd Thursday) and at the call of the Chair

Low Water Response: May 21 (3rd Thursday) and at the call of the Chair

Nominating Committee: At the call of the chair.

Please Note: This is a tentative schedule and circumstances may necessitate changes. Accordingly, these dates should be confirmed with the Administration Office prior to the meeting date.

Staff Report

13. (i)



To: Board of Directors
Date: October 24, 2014
From: Rick Battson
Subject: Communications Progress Report

Conservation Awards

A list of possible conservation award recipients will be brought forward at our board meeting in December. Board members wishing to nominate any individual or organization, should contact Rick Battson at the office.

Memorial Forest Dedications

From September 2013 – August 2014, 521 trees were dedicated. 437 of these trees were through funeral home partnerships and 84 were through individual donations to the program.

Two dedications were held in the month of September. The McKenzie and Blundy dedication was held on September 21 at the Wawanosh Wetlands Conservation Area. Steve Arnold brought greetings from the Foundation and Authority. Approximately 650 people attended. The Foundation's dedication was held on September 28 at the Lorne C. Henderson Conservation Area. Duncan Skinner (president of the Foundation and Terry Burrell provided the remarks. Approximately 75 people attended.

Conservation Foundation

The St. Clair Region Conservation Foundation raises funds to support the work of the Conservation Authority. At a recent meeting, the Foundation approved support for a number of projects.

- \$10,000 for accessible picnic tables
- \$8,000 for support for land management staff
- \$7,500 to finance an intern position
- \$5,000 for trails at Conservation Areas
- \$5,000 to support the 3D mapping project
- \$5,000 to support water quality monitoring

The Foundation also approved awarding the President's Award to Mr. Nick Prigioniero for his donation of 2.7 hectares of wetland abutting the Strathroy Conservation Area. The award will be presented during lunch between the Authority and Foundation Board Meetings on December 11. The President's Award recognizes outstanding individuals and organizations that support the work of the Conservation Authority through donations.

Conservation Education Fundraising

One of the main Authority programs supported by the Foundation is Conservation Education. This support includes efforts to secure funds from corporate donors, special events and from support through the bingo program. In addition, the Conservation Authority applies for government grants to support the education program. Support in 2014 included:

Sarnia Lambton Environmental Association - \$30,000

Enbridge - \$10,000

Friends of the St. Clair River - \$2,000

TD Friends of the Environment Foundation - \$2,000

Sydenham River Canoe Race - \$2,000

Habitat Stewardship Program for Species at Risk (Environment Canada) - \$14,000

Bingo Purchases (St. Clair Region Conservation Foundation) - \$2,000

Total - \$62,000

Staff Report

13. (ii)



To: Board of Directors
Date: October 29, 2014
From: Sharon Nethercott, Melissa Gill
Subject: Conservation Education Progress Report

Fall Education Programs

We have been overwhelmed with class bookings again this fall. Programs are fully booked until Christmas. The Ministry of Education provided \$20 million for Outdoor Education across the Province. Classroom teachers must apply for money to access the funding. Several teachers have already elected to book for the spring now.

Events

Henderson Geocaching Event, September 21: despite the poor weather forecast, the 6th annual event attracted over 45 enthusiastic geocachers. Many participants were impressed by the trails and campground facilities.

Children's Water Festival- September 30-October 2: a record number of grade 4-6 students – 600 each day - were registered to attend. Unfortunately, 2 days were cancelled due to fog and related busing issues.

Mini Rekindle the Spark Workshop: staff visited Essex Region CA to learn about their education programs and to share ideas with staff from other Conservation Authorities in the south-west region.

Special Projects

Lambton Upland Game Bird Youth Day, September 6: Staff assisted the Lambton Upland Game Bird Chapter with their annual 'Kid's Day' at the Lambton Conservation Club by running a station for the day. Insects of Lambton County were discussed. The children (aged 4-14) were encouraged to sweep net for insects and investigate what they found. Approximately 50 children participated in the day!



SCRCA Education Staff at the Wyoming Fair

Fall Fairs: Wyoming Fair, September 11 and Brigden Fair, Oct 11: assisted with 'Agriculture in the Classroom' by running an education station. Wetlands were discussed; the importance of having wetlands in our rural areas, their roles as habitat and water purifiers. Children learned about snakes, turtles, frog songs and the many insects that create a wetland system. Over 500 students in grades 4-6 visited SCRCA's station over the two education days!

Species at Risk Program, Kettle and Stony Point First Nation, October 15 and 29: funding was obtained through AFSAR. Education staff worked in cooperation with SCRCA staff biologists. This year two outdoor and two indoor sessions were taught for Gr 3 and 4 students. The educational focus of the outdoor sessions emphasized the role of aquatic invertebrates as a food source and as indicators of water quality. The children visited Shashawanda Creek in their rubber boots having a chance to 'fish' for bugs in the stream! The indoor sessions will include a visit from 'Sciensational Ssnakes' as well as some hands on reptile activities from SCRCA staff.

Reptiles at Risk, Perch Creek Habitat Management Area, October 7: assisted SCRCA biologists with a program for Grade 12 students from St. Clair High School in Sarnia. The program, in its third year, is designed to be a hands-on long term project in which students will be assessing and improving reptile habitat. This year the students were involved in a stream assessment to determine the overall health of Perch Creek and better understand the presence or absence of reptiles on the property.

Community Partnerships

Lambton Wildlife Inc. - Young Naturalist and Junior Conservationists: SCRCA continues to sponsor this program and assist in running the two groups; Young Naturalists (age 7-11) & the Junior Conservationists (age 12+). Both groups meet once per month at local wild spaces to learn about conservation, habitats and species at risk in the watershed. Overall, approximately 35 youth and their families benefit from these monthly meetings.

Ontario Land Trust Alliance Annual Gathering: SCRCA education staff delivered a presentation about the LWI Young Naturalist group as part of a panel of speakers entitled 'Involving Youth in Conservation'. The conference included a discussion on the benefits of involving youth, steps to developing a youth program, necessary organizational support and sharing of successes and struggles of the LWI Young Naturalist program.

Return the Landscape: one staff person continues to sit on the Return the Landscape Committee. This Group aims to rescue native flora from development sites and replant them within native landscapes in Lambton County. A long term goal of the group is to ensure each school-yard in Lambton has its own native plant garden and to one day provide plant-focused educational opportunities to those schools.

Staff Report

14.(i)



To: Board of Directors
Date: November 3, 2014
From: Brian McDougall, General Manager
Subject: Source Water Protection

- ❖ The Source Protection Committee and staff are working toward completion of the revised Source Water Protection Plan later this month
- ❖ Formal public consultation is scheduled for December
- ❖ The current Committee members are committed through the end of the year
- ❖ An request to extend all members to the end of 2015 is moving forward
- ❖ However with the results of the recent municipal elections 2 vacancies are expected to be confirmed prior to the extension of the current members – Sheldon Parsons (municipal representative – Chatham-Kent) and Pat Sobeski (municipal representative – County of Oxford) may be reappointed or replaced
- ❖ Source Protection Committee Chair, Bob Bedggood and Chris Tasker, Project Manager will be attending the December meeting of the Board of Directors to address any questions as the Board will be asked to accept the Plan and forward it to the Minister of Environment & Climate Change