



Board of Directors

Notice of Meeting

December 8th - 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
5. Chair & Conservation Ontario Report
Verbal report from Conservation Ontario Council Meeting – December 5, 2016
6. Business Arising from Last Meeting
7. Conservation Area Reports
 - (i) Conservation Lands Update
 - (ii) Maintenance Agreements for Evoy Woodlot and Bannerstone Conservation Lands
8. Water Resources Reports
 - (i) Current Watershed Conditions
 - (ii) WECI
9. Biology Reports
 - (i) Grants Implemented and Grants Applications by Biology Department
 - (ii) Environmental Commission of Ontario Soil Health Report
10. Planning
 - (i) Request to Update 1992 Shoreline Protection Structures Landowner Resource Manual
 - (ii) Shoreline Information Night held for Reach 5 Murphy Road Beach Regulations Activity Summary Report
11. Finance Reports
 - (i) Revenue & Expenditure Report
 - (ii) November Disbursements
 - (iii) 2016 General Levy Update
 - (iv) Changes to Administration Manual
 - (v) 2017 Proposed Budget – non matching general levy
 - (vi) 2017 Proposed Budget – matching general levy
 - (vii) Disposal of Non-functional, Non-essential and Surplus Equipment
 - (viii) Investment Report
12. In Camera
13. New Business
14. Adjournment

Please contact Marlene (call 519-245-3710, 1-866-505-3710 or e-mail mdorrestyn@scrca.on.ca) at the Administration Office by December 6th, if you are unable to attend.

Christmas Lunch to follow with Foundation Board of Directors and Staff

December 8, 2016

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 November 10, 2016, be approved as distributed.

- 4.(i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the General Manager's report, dated November 28, 2016.

- 5.(i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the verbal report from the Conservation Ontario Council meeting of December 5, 2016.

- 6.(i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the updates on business arising from the November 10, 2016 meeting.

- 7.(i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the Conservation Lands report, dated November 21, 2016 outlining the maintenance and development activities on Conservation Lands for 2016.

- 7.(ii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges and approves the execution of maintenance agreements with the St. Clair Region Conservation Foundation regarding recent Foundation property donations, Evoy Woodlot and Bannerstone Conservation Lands.

- 8.(i) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report dated November 25, 2016 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 November 24, 2016 on the ongoing Water and Erosion Control Infrastructure and shoreline projects across the watershed.

Weighted motion

- 11.(v) Moved by: _____ Seconded by: _____
That the Board of Directors approves the 2017 budget of \$5,139,640 with a non-matching general levy of \$468,855 with all member municipalities deemed as benefitting and further that the levy be apportioned using the Modified Current Value Assessment of each Municipality within the Authority's area of jurisdiction.
- 11.(vi) Moved by: _____ Seconded by: _____
That the Board of Directors approves the 2017 budget of \$5,139,640 with a municipal matching general levy of \$310,000 including finalized Modified Current Value Assessment values, updates to specific projects and municipal comments received to date.
- 11.(vii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the report dated November 24, 2016 regarding the disposal of nonessential and surplus equipment and approves the disposal method as outlined.
- 11.(vii) Moved by: _____ Seconded by: _____
That the Board of Directors acknowledges the Investment Report, for the period ending October 31, 2016.
- 12.(i) Moved by: _____ Seconded by: _____
That the Board of Directors go in camera at _____ a.m. to discuss Conservation Awards and human resources issues the General Manager, Director of Finance and Director of Communications remaining.
- 12.(ii) Moved by: _____ Seconded by: _____
That the Board of Directors rise and report at _____ a.m.
14. 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 in Strathroy at the hour of 10:00 a.m..

Present: Steve Arnold, Chair; Andy Bruziewicz, Vice Chair; Alan Broad, Tony Bruinink, Todd Case, Joe Faas, Norm Giffen, Larry Gordon, Mike Kelch, Betty Ann MacKinnon, Kevin Marriott, John McCharles, Don McCallum, Steve Miller, Frank Nemcek, Cindy Scholten, Jeff Wesley

Absent: Dan McMillan, Gerry Rupke, Muriel Wright

Staff Present: Brian McDougall, General Manager; Kevan Baker, Director of Lands; Girish Sankar, Manager of Water Resources; Erin Carroll, Manager of Biology; Dallas Cundick, Environmental Planner/Regulations Officer; Tracy Prince, Director of Finance; Rick Battson, Director of Communications; Marlene Dorrestyn, Administrative Assistant

The Chair welcomed everyone to the meeting. He requested everyone remember, respect and appreciate those who fought for us and those who are currently with the armed forces. He recognized staff for the TD Environmental Awareness Award which he accepted on behalf of the Authority at the Chamber of Commerce Gala Awards. The chair then 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-16-131

Scholten - Bruinink

“That the minutes of the Board of Directors meeting, held September 15, 2016, be approved as distributed.”

CARRIED

The General Manager's Report was presented:

- Environmental Awareness Award
 - on October 20th, Strathroy & District Chamber of Commerce hosted its annual Gala Awards Celebration
 - in 2012, the Authority was awarded the Community Involvement Award
 - this year, the Authority was nominated for the TD Environmental Awareness Award
 - Chair Arnold proudly accepted the Award for the Authority
- Agriculture Sector Working Group
 - a large group of representatives from agriculture and adjacent agriculture organizations formed by Ontario Ministry of Agriculture, Food and Rural Affairs to provide input to OMAFRA regarding proposed agricultural components of the Domestic Action Plan to reduce phosphorous levels in Lake Erie
 - 5 Conservation Authorities have been active participants with the Group
 - OMAFRA has requested a meeting with Conservation Authorities to discuss what CAs do now regarding efforts to reduce phosphorous run-off and what CAs could do if more resources were available and to review some ideas about what OMAFRA would like to see CAs do
 - the meeting is scheduled for November 14th at the Upper Thames Watershed Conservation Centre

- Upcoming Events
 - Shoreline Information Night
 - for Reach 5 (Haight Road East to Hillcrest Nisbet Drive - Sarnia)
 - Dynamic Beach Assessment
 - Monday November 14, 2016 4:00 pm – 8:00 pm
 - Real Canadian Superstore, Upper Meeting Room
 - 600 Murphy Road, Sarnia
 - 2017 Annual General Meeting
 - February 16, 2017 – 10:00 am
 - Brooke–Alvinston – Inwood Community Centre Auditorium
 - 3210 Walnut Street, Alvinston
 - meeting to be followed with Lunch

Directors' Comments:

- requests page numbers for whole package.
- requests report on air quality at Sarnia Airport
- why recommending Education Review for EBR

BD-16-132

Scholten - Kelch

“That the Board of Directors acknowledges the General Manager’s report, dated November 1, 2016.”

CARRIED

Conservation Ontario minutes of the September 15, 2016 meeting were reviewed .

BD-16-133

Bruzewicz - Nemcek

“That the Board of Directors acknowledges the September 26, 2016 meeting minutes of Conservation Ontario.”

CARRIED

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

- Boat ramp at Highland Glen
 - determine fees and viability of a Trillium application
 - report at upcoming meeting – *report later in meeting*
- McKeough dam and upstream lands
 - requested a report regarding actions to gain control of the Phragmites – what works best – *report to be provided at the December meeting – which will include substance of Lambton County organized round table meeting regarding phragmites.*

BD-16-134

Marriott – MacKinnon

“That the Board of Directors acknowledges the updates on business arising from the September 15, 2016 Board of Directors meeting.”

CARRIED

A Conservation Lands Update was reviewed:

- Conservation Areas:
 - the Conservation Authority owns 15 conservation areas in the watershed
 - of those 15 conservation areas, 6 are managed by the local municipality and 9 are operated by the Conservation Authority
 - of these 9, 3 conservation areas are regional campgrounds which attract campers primarily from southwestern Ontario
 - our three regional campgrounds have over 500 campsites and 421 seasonal campers
 - the three campgrounds are self-sufficient receiving no tax dollars towards the maintenance and operation; profits obtained from our campgrounds are used to offset capital improvements
- Warwick Conservation Area (Warwick Township)
 - the pool has been renovated with new 2 x 2 porcelain tile and colored quartz surfacing
 - WIFI system has been upgraded with additional transmission units which has enhance reception and coverage
 - a new laundry shed to be constructed in the woodlot campground
 - the main campground washroom roof will be replaced with steel
 - 25 wildlife shrubs have been planted (Bingo)
- L.C. Henderson Conservation Area (Enniskillen Township)
 - the campground pool fence has been replaced with new chain link fence
 - 2 shower areas have been renovated with new shower surrounds and ceramic tile installed on the floors and walls
 - subsurface drainage has been installed in the Towerview campground and on one of the seasonal campsites
 - a new door has been installed to the outdoor education center office
 - 30 wildlife shrubs have been planted (Bingo)
- A.W. Campbell Conservation Area (Municipality of Brooke Alvinston)
 - a 12 x 34 ft addition was constructed to existing workshop; the addition facilitates a superintendent's office, staff lunch room and storage.
 - pool washrooms have been upgraded with new lighting, washroom fixtures and an accessible shower area
 - bike cross trail has been upgraded with new gravel surfacing
 - 30 wildlife shrubs have been planted
- Other Lands Activities:
 - safety railing and stairs have been installed along the trail system in the Strathroy Conservation Area (funded by Bonduelle)
 - a number of cedar post supports and board walk decking has been upgraded at the Coldstream Conservation Area (Middlesex Centre)
 - a new deck and accessible ramp has been constructed at the Peers Wetland CA (Sydenham Field Naturalists and Union Gas)
 - 52 trees to be planted in our conservation areas (Foundation)
 - many of our trails on all our properties have been widened and trimmed back to permit better access for trail users
 - property boundary and no hunting signs have been posted on Foundation and managed forest properties.

- Camping Statistics:
 - 421 seasonal campers have registered in our 3 campgrounds, down from 422 in 2015. 190 seasonal campers are registered at Warwick (191 in 2015), 123 at LC Henderson (123 in 2015) and 108 at A.W. Campbell (108 in 2015).
 - our 3 regional campgrounds have been busy this year, gross revenues to the end of September are \$ 1,128,000 (up 3 %), and net revenues remained even (seasonal camping up 2 % to \$792,000; overnight camping up 6% to \$213,000; and pump-out up 10% to \$37,000.00)
- Foundation Lands:
 - the St. Clair Region Conservation Foundation owns 16 land holdings and 456 hectares of land; these lands are maintained and operated by the Conservation Authority
 - new property identification signs have been installed at the Gawne Habitat Management Area (Dawn-Euphemia) and Evoy Woods (Enniskillen)
 - a number of dead ash trees to be removed from around the perimeter of the property at the Maples Woodlot (Plympton-Wyoming)
 - at the Evoy property; a new property identification sign has been installed and forestry staff are preparing a forest management plan which will enable the property to be eligible for the Managed Forest Tax Incentive Plan (MFTIP) (waiting for MPAC to provide a roll number)
 - at the Keith McLean Conservation Lands; extensive tree trimming has taken place along the access laneway off Rose Beach Line and around one of the agricultural fields
 - the Foundation has provided financial assistance to the Conservation Authority to support the development and maintenance of trails on our properties
- County of Lambton Lands:
 - fencing has been upgraded on the sand hill in Port Franks; the fence restricts access and allows for dune grasses to become established (Lambton County Heritage Forest)
 - trail head signage has been installed at the Lambton County Heritage Forest
 - a new property identification sign has been installed at the Bowens Creek Management Area
 - forestry staff continue to manage the over 40,000 trees at the Bowens Creek Management Area
- McKeough Upstream Lands:
 - wetlands on properties 38 and 79 have been upgraded to improve water retention and reduce soil erosion
 - a climate change tree growth plot has been planted at property 105; this plot consists of 600 red and swamp white oak seedlings and the study will compare the growth and survival rates of locally supplied and southern U.S. trees (Forestry Department)
 - approximately 8000 ft of 4 inch and 1600 ft of 6-inch tile drainage has been installed at Property 82

BD-16-135**Miller - Wesley**

“That the Board of Directors acknowledges the Conservation Lands Update, dated October 24, 2016 on Conservation Area maintenance and development, McKeough Upstream Lands and management activities on Lambton County Lands.”

CARRIED

A staff report regarding the Highland Glen boat ramp and seawall project was presented.

- Highland Glen Conservation Area:
 - General Information:
 - the Highland Glen Conservation Area is located on Lakeshore Road in the Town of Plympton-Wyoming
 - it has an access roadway, two parking lots, pavilion, beach access, picnic tables, and a boat ramp onto Lake Huron
 - during the spring fishing season and on nice days in the summer the area is extremely busy with boat and vehicle traffic
 - the access to the conservation area and boat ramp have been free and the operation and maintenance costs are covered by general levy.
 - proposed fees for 2017 will assist with maintenance and upkeep costs.
 - to our knowledge the Highland Glen boat ramp is the only ramp accessing Lake Huron between Sarnia and Port Franks
 - Boat Ramp and Seawall protection:
 - the boat ramp and seawall were constructed in 2 phases; the access roadway and ramp constructed in 1986 and the seawall protection in 1990
 - total cost for the entire project was approximately \$ 200,000.00 with funds coming from all levels of government
 - other than a few repairs over the last 25 to 30 years the facility has held up well to weather, time and public use
 - however, there are maintenance and upgrades required to meet public needs and ensure the facility is safe and usable long term
 - Proposed Upgrades:
 - replace and install approximately 60 ft of new docking walkways along both sides of the boat ramp, this will allow for more than one boat to be docked at a time
 - repair existing seawall by excavation and installing new tie back supports
 - remove existing non-operational dock supports from within the harbor area
 - reposition existing armor stone to provide the necessary support for the steel seawall
- Estimated Cost \$40,000.00

BD-16-136**Scholten - Gordon**

“That the Board of Directors acknowledges the report dated October 25, 2016 on the Highland Glen boat ramp and seawall project.”

CARRIED

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

- Watershed Precipitation and Streamflow Conditions
 - Highlights:
 - lower precipitation and levels into fall
 - average watershed flow conditions
 - precipitation and flow conditions continued to be lower than normal in September with most of the regional stations reporting only 60%-70% of the expected rain. The major exception was the Windsor region which experienced a significant rainfall over a period of several days resulting in significant local flood conditions. This localized storm did not however affect our region directly and the final three-month precipitation was recorded at below the average at 94% of normal.
 - several storm events into October improved precipitation conditions slightly into October with several periods of continuous precipitation associated mostly with frontal weather systems which are more common in the fall period. This maintained watershed flows close to average with levels being a little above average at some stations.
 - flows recorded at key stations in the watershed identify the sudden response to rain events which returned to normal quickly. Additionally, flows at Wallaceburg, while not as quick to respond, have continued however to gradually decline over the last two months by approximately 30cm. As we move into the winter flows will likely continue to be at or slightly below average as the amount of runoff is reduced with the colder conditions and greater storage in the form of snowfall.
 - as noted, precipitation remained lower in September and higher in the upper areas of the watershed. Central areas continued the trend of 40% less than average precipitation.
 - regionally the three and six month trend continues to be below average by 6% and 13% respectively which in turn has now begun to be impacted on the past 12 month numbers. While these numbers indicate a reduced amount of precipitation, this trend has not been as significant as other areas of the province to the east where Level II and in some cases level III conditions have been persistent over the course of the summer and into the fall.
 - MNR data is compared with the last significant drought period in 2012 and although it has been a somewhat dry summer for our watershed this year, the MNR standard for drought conditions was not met as it was for our watershed in 2012. Watersheds throughout the province continue to experience low flow conditions as compared to the precipitation and flow conditions thresholds for August
 - flood threat - based on current conditions there is no concern for any flood conditions as the watershed is able to handle most storm events. While seasonal flows remain in the average range, we continue to monitor changes in watershed conditions as they occur. As always we will continue to monitor flows and any significant storm events. Advisories will be provided as conditions dictate.
 - weather forecast (Data: Weather Network, Environment Canada, OFA)
 - long term outlook - Environment Canada Winter will be warmer than normal in the remainder of 2016, with above-normal precipitation and snowfall. Temperatures will be colder with higher precipitation into 2017 with the potential for significant lake-effect snow conditions. The coldest periods will be in early to mid-January, late January, and late February, with the

snowiest periods in mid and late December, early January, and mid-February.

- Great Lakes Levels (Canadian Hydrometric, NOAA data – September)
 - the monthly comparison for September 2016 (current available data) indicate that Lake Huron levels have increased only slightly by 8 cm over September 2015 and continue to remain above the 10 year average for Lake Huron at 59 cm. Lake St. Clair levels are almost identical to last year and 38 cm above the 10 year average. Both lakes also remain above the average for the entire period of record by approximately 30 cm.

BD-16-137

Bruinink - Nemcek

“That the Board of Directors acknowledges the report dated October 27, 2016 on the current watershed conditions and Great Lakes water levels.”

CARRIED

A staff report on Water and Erosion Control Infrastructure Projects submitted for funding in 2016-2017.

- we continue to wrap up projects on a monthly basis. Status of 2016 WECI/Shoreline projects is outlined below:

Structure	Project Name	Status
McKeough Dam	Dam Safety Review	Golder Associates have been retained to complete the DSR
McKeough Dam	McKeough Dam Drop structure repair	Completed by Brosco Concrete restoration as of September 2016
Petrolia Dam	Stop log replacement	Completed as of July 2016
Courtright Park	Courtright shoreline revitalization	Design work ongoing
Aamjiwnaang Shoreline	Aamjiwnaang shoreline naturalization	Design work ongoing, Construction work expected to start early 2017

- McKeough Dam drainage improvement works
 - previous inspections of the Floodway channel sideslope showed indications of slope failure
 - in some cases, sideslopes had slid down the slope opening up crevices along the top of the side slope parallel to the channel
 - this was attributed to the concentration of surface runoff at a few low areas on the top of the berms
 - McKeough staff have installed a tile along the top berm to drain water effectively to minimize the low spots.
 - 2 sections of approximately 900 foot of 4-inch tiling was completed, these tiles outlet to the bottom of the channel

BD-16-138**Marriott - Case**

“That the Board of Directors acknowledges the report dated October 27, 2016 on the ongoing Water and Erosion Control Infrastructure projects across the watershed.”

CARRIED

A staff report regarding the Healthy Watershed Program Outreach events was explained.

- Recent Event Highlights
 - Ipperwash Beach Great Canadian Shoreline Cleanup September 10 - more than 10 community volunteers met at the Centre Ipperwash Boat Launch and spread out from there to clean the beach. We even had visitors from Michigan volunteer! Over 50 pounds of garbage were collected.
 - Ag in the Classroom September 16 - as part of our growing relationship with the agriculture community in Lambton Shores, staff was asked to provide a soil health and water quality demonstration to 120 grades 3 & 4 students from Forest. Using chocolate sprinkles for livestock “poop” and food colouring for fertilizers and herbicides were quite a hit with the students!
 - Mount Brydges TD Tree Days September 17 - despite the rain, over 60 Scouts and volunteers came out to plant 150 native trees in 3 parks in Mount Brydges.
 - Forest Fall Fair September 23-25 - staff had a booth at the Forest Fall Fair and spoke with many individuals and families about what SCRCA does, including biological monitoring and agricultural and stewardship grants.
 - Sarnia TD Tree Days October 22 - we had close to 50 volunteers participate in this sunny but chilly Saturday morning tree planting event at Canatara Park in Sarnia. A large portion of the volunteers were international students from Lambton College. They had a great time; if it weren't for them, it would have taken a long time to plant all 300 trees. Some of Shell's Environment employees participated and are keen to partner with SCRCA to create a similar event!
 - 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, offer advice and project design and where applicable, support projects with grants. Call today for more information for stewardship projects.
- Upcoming Events:
 - Lambton Soil and Crop Improvement Association Winter meeting November 3 - staff will have a booth to talk with farmers about stewardship projects, soil health, and water quality (GLASI)

Directors' Comments:

- options for more shoreline cleanup

BD-16-139**Faas - Scholten**

“That the Board of Directors acknowledges the status report dated November 1, 2016, regarding Healthy Watersheds program, including the outreach and education events held throughout the watershed.”

CARRIED

A staff report regarding Fish Community Surveys conducted in 2016 was explained.

- Fish Community Surveys
 - with support from the Department of Fisheries and Oceans (DFO) and a three-year partnership with the Friends of the St. Clair River funded by the Ontario Trillium Foundation (OTF), the SCRCA biology staff have been able to complete fish community surveys throughout our watershed. Survey work for OTF focused on the St. Clair River Area of Concern (AOC) while DFO work took place throughout the St. Clair Region.
 - the purpose of fish community surveys is to gain important information on fish species distribution and watershed health. Additionally, the data will provide information for management recommendations.
 - the fish data collected will be compiled and shared with other entities including DFO, the Royal Ontario Museum, and the Flowing Waters Information System (FWIS), so that the information can be used to instruct policies and studies. Our data will contribute to important fish records that began in the early 1900s.
 - 8for the 2016 fish surveys:
 - 16 sites were sampled
 - thousands of fish were examined (identified, weighed, measured and recorded)
 - invasive species that threaten our native fish were found at multiple sites including carp, goldfish and goby
 - approximately 40 different fish species were identified in these locations combined; there are approximately 160 native freshwater fish species in Ontario with the Sydenham being home to at least 82 of these species

BD-16-140

Kelch - Bruziewicz

“That the Board of Directors acknowledges the status report dated October 25, 2016, regarding Fish Community Surveys conducted in 2016 through partnerships with Ontario Trillium Foundation via Friends of the St. Clair River and DFO.”

CARRIED

A staff report regarding Education Outreach Program was presented.

- the SCRCA biology department participated in several public outreach and educational events this year and, through these programs, were able to reach thousands of people spanning various demographics.
- Turtle Watch/Adopt-a-Pond - the SCRCA, in conjunction with Middlesex Public Library, held a community information event called Turtle Watch. The information presented was created by the Toronto Zoo’s Adopt-a-Pond program with a focus on locally significant turtles as well as other local reptiles and amphibians. Topics covered by the presentation included the identification of all turtle species native to Ontario, how to help turtles safely cross roadways, and citizen science programs that families can participate in. The audience of the presentation was mainly local families with young children. Following the presentation, all those in attendance were invited to congregate at a nearby stream where a SCRCA staff member had collected and discussed interesting aquatic life and was available to answer specific questions on turtle habitat and life cycles.
- Strathroy District Collegiate Institute Earth Week Presentations - Strathroy District Collegiate Institute (SDCI) asked the SCRCA to give a presentation on Species at Risk and Invasive Species to all six of their grade 9 level Canadian Geography classes. The

presentations covered all species at risk located within the watershed with an emphasis on mussels and reptiles. Talking points included unique attributes of certain species as well as some of the factors that cause species to become at risk. Hands-on material was also brought in for the post-presentation question and answer session where a lot of interest was directed at species at risk reptiles, particularly turtles. Overall, around 200 students were reached during the two days over which the presentations were given.

- Aamjiwnaang First Nation Earth Day - at the request of the Aamjiwnaang First Nation the SCRCA attended their annual Earth Day celebrations. A biology staff member was on hand with information about species at risk in the region, including snakes and turtles. The theme for this year's celebration was turtles and, as such, many of the questions raised at the SCRCA booth revolved around local at risk turtles.
- Kettle and Stony Point First Nation School Education Program - over two days in October, grade 3-5 students from the Hillside School at Kettle and Stony Point First Nation were educated on aquatic insects, fish, reptiles, species at risk, and their environmental significance. On the first day, the classes spent time with our biologists in Shashawandah Creek where they were able to capture aquatic insects and check minnow traps. The second visit consisted of an in-class portion where SCRCA staff presented material on habitat loss, reptilian species at risk, and played an educational game outside with the children that reinforced the concepts learned earlier in the day. The students were then read a story book on the locally endangered Five-lined Skink and took part in a craft where they used clay to make a skink of their own.
- Chatham-Kent & Lambton Children's Water Festival - the 8th Annual Chatham-Kent & Lambton Children's Water Festival was coordinated by the Lower Thames Valley Conservation Authority and was held at the CM Wilson Conservation Area. This three day festival took place from October 4-6 and had a record attendance of nearly 2,000 students. The students were able to visit more than 40 educational and interactive stations to learn about various topics relating to water. On the first day, the biology staff member in attendance delivered a program on the importance of groundwater protection and for the remaining two days ran a station that addressed the importance of the native flora and fauna, with a focus on the aquatic insects, that live in our watercourses. The kids had a chance to use nets to catch and study the insects, tadpoles and fish living in the nearby pond. By working with the LTVCA, we were able to engage children in the community, foster respect for our water resources, and encourage environmental stewardship and sustainability.

BD-16-141

Miller - Gordon

“That the Board of Directors acknowledges the report dated October 25, 2016 on the recent outreach activities for the Education Outreach Program in the St. Clair Region.”

CARRIED

A staff report regarding watershed report cards was presented.

- Background
 - all Conservation Authorities agreed to produce Watershed Report Cards on a regular basis to:
 - respond to public demand for easily understood environmental information
 - allow Conservation Authorities to demonstrate accountability
 - allow comparison of environmental parameters between abutting watersheds

- SCRCA Report Card includes a Summary Report on Forest Conditions and Surface Water Quality
- in addition, the St. Clair region was divided into 14 subwatersheds, and 14 individual Report Cards written
- forest conditions are graded on the amount of Forest Cover and Forest Interior
- surface water quality grades are based on Total Phosphorus, E. coli and Benthic invertebrate values where this information is available
- cards include assessments and grades for Forest Conditions and Surface Water Quality and analysis or written descriptions of: land use; geology; soils; streamside cover; wetlands; groundwater; natural areas; fishes; species at risk; area; municipalities; First Nations; watercourses and waste water treatment plants
- Current Status
 - the planned release of the next round of watershed report cards is 2018.
 - the St. Clair Region Conservation Foundation donated \$10,000 in 2017 towards to production of the next round.
 - it is anticipated that a contract position under the Job Creation Program will be hired in December with the contract extending until the end of March. This person will work on delineating the woodland boundaries, using updated aerial photography.

BD-16-142

Scholten - Nemcek

“That the Board of Directors acknowledges the report dated October 26, 2016 on watershed report cards.”

CARRIED

A staff report regarding the Conservation Services programs was reviewed.

- Tree Planting Program
 - staff are busy preparing for the 2017 spring tree planting program
 - interested landowners are being called and site visit appointments are well underway
 - all projects that meet the program criteria are planned for project review on November 22nd for funding approval under one or more of the grant programs that SCRCA has available for financial incentive.
 - 2017 tree allocations and prices from the supplying nurseries are expected to be finalized before the end of the month.
 - more than \$120,000 in grants have been secured through several individual tree planting and habitat improvement programs and will be used to offset landowner project expenses.
 - approximately 40,000 trees are expected to be subsidized through the SCRCA in 2017.
 - Forests Ontario provided SCRCA approximately \$70,000 in grant this year which was used to offset some of the costs of tree planting expenses on private lands and some of the costs associated with the Assisted Migration Tree plot at Warwick CA.
- Seed Collection Program
 - this year’s tree seed collection was very successful with approximately 600 litres of oak and hickory seed collected and another 2500 litres of walnut seed

- collected and shipped to our supplying tree nursery.
 - deciduous trees are a major component of the SCRCA planting program and future seedling stock from the tree nursery is directly related to the tree seed collected and shipped annually.
 - all tree seed collected by SCRCA staff is local seed. Since demand for deciduous trees is higher than what is available from tree nurseries, first choice for next year's deciduous trees is normally 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
 - approximately 200,000 trees require follow up with herbicide this fall
 - fall herbicide application for vegetation control on 2013 to 2016 tree planting sites started in late October and will end after the first killing frost.
 - warmer fall weather over the past several years has delayed the program due to deciduous trees holding on to their leaves longer than normal
 - approximately 8 km of municipal brush control was completed this summer 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.
- Stewardship funding
 - we were awarded a one year grant under the Ministry of Natural Resources and Forestry's Species at Risk Stewardship program for 2016-2017
 - a new stewardship application was required for 2017-2018, so we decided to combine this year's application with the Reptiles SAR application which was also due this year. The biology department worked on the application process and combined both SAR projects into one very big application. It was recently submitted for review
 - another year of funding from Great Lakes Guardian Community Fund resulted in many hours of laborious work in Lambton Shores this year. A final report will be submitted to OMAFRA in the new year.
 - the Lambton Shores Phragmites Community Group has secured 3 years of funding under other programs. SCRCA will continue to work with them and support their efforts.

BD-16-143

Scholten - Bruinink

“That the Board of Directors acknowledges the report dated November 1, 2016 on the Conservation Services programs and projects across the watershed.”

CARRIED

Regulations Summary Reports for September and October, were reviewed.

BD-16-144

Scholten - Marriott

“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), for September and October, 2016 and further acknowledges the shoreline “in water and nearshore works” currently being investigated.”

CARRIED

A staff report regarding high lake levels and erosion was presented.

- Lake Huron is experiencing high lake levels and erosion of the shoreline whereas in the last twenty years minimal erosion has occurred due to low lake levels. There are numerous Regulation violations as a result of “knee jerk” installations of (non engineered) sheet steel walls and groynes which can have a significant impact updrift and downdrift of the structure. The St. Clair Region Conservation Authority shoreline is heavily protected with structures that are aging and failing to various degrees.
- We are aware of one lawsuit involving shoreline protection structures on Lake Huron between landowners immediately south of Bayfield in the ABCA watershed. The ABCA has been named in the suit as well as the municipality. The claim is over a groyne that required significant repair. ABCA’s insurance company is involved. Following discussions with ABCA senior staff, several Conservation Authority Best Management Regulations application/violation practices were reiterated as important and need to be included in policy:
 - need to obtain downdrift and updrift adjacent neighbour written approval
 - Conservation Authority site specific peer review by a P. Eng. with expertise in coastal engineering.
- Proposed Revised SCRCA shoreline policy:
 - *the SCRCA reserves the right to request additional technical studies or additional information. SCRCA will generally require shoreline development be reviewed by the CA retained coastal engineer. Costs are to be borne by the proponent. Information and the qualified engineering coastal review is necessary in order for staff to make informed recommendations on applications which are subject to appeal to both the Board of Directors and Mining and Lands Commissioner.*
- it is important to note that applicants have the right to appeal a Conservation Authority’s staff recommendation/decision on proposed development in a shoreline regulated area to the Authority Board of Directors via a hearing process.
- Other Conservation Authorities have been contacted for information regarding their costs. Qualified Coastal engineering review costs range from \$1500 – 3000.00.
- A 100 foot wide fully serviced waterfront property is valued at 1.5 million in Sarnia. A 100 foot wide waterfront property in Ipperwash (Centre) is 1.0 million. These are vacant lot values.
- the cost is only 0.3% of the land value; not taking into account dwellings, which are increasing three fold in size and value from original.

BD-16-145

Kelch - Scholten

“That the Board of Directors acknowledges the report dated October 31, 2016 on high lake levels and erosion, ongoing litigation and SCRCA’s Coastal review of Development applications, and further approves the minor revisions to current SCRCA staff review policy and that staff be directed to make the revisions.”

CARRIED

A staff report regarding a request to update the 1992 Shoreline Protection Structures landowner resource manual was considered.

- Lake Huron is experiencing high lake levels and erosion of the shoreline whereas in the last twenty years minimal erosion has occurred due to low lake levels. There are numerous Regulation violations as a result of “knee jerk” installations of (non engineered) sheet steel walls and groynes which can have a significant impact updrift and downdrift of the structure. The St. Clair Region Conservation Authority shoreline is heavily protected with structures that are aging and failing to various degrees.
- General recommendations for appropriate shoreline structures is needed for shoreline residents.
- SCRCA staff are recommending an update to the January 1992 Design Considerations for Shore Protection Structures. The document is 25 years old. Several chapters need to be updated including: water levels, geotechnical considerations, inclusion of Lambton Shores and Sarnia and West Ipperwash dynamic beach information, shoreline protection design concepts and improvements to existing structures, permits and approvals, etc. It is proposed this document be specific to the reaches of SCRCA shoreline with cross sections extractable for residents and that the document and information be made user website friendly for resident use. For example, web site links to applicable structure cross sections and other applicable information for each area.

Cost:

Total	50,000.00	based on verbal estimate
Grant	25,000.00	from External grants (infrastructure technology transfer)
		Surplus adjustments, reserves
Pt. Edward	2,500.00)	
Sarnia	7,500.00)	apportionment based on length of
Plympton Wyoming	7,500.00)	shoreline
Lambton Shores	7,500.00)	

- unanimous municipal support will be required to proceed if a joint project with neighbouring lakeshore C.A.’s can be arranged total costs could be reduced by 20%

Directors’ Comments:

- additional information needed to be clarified, where is boundary. Subsequent updates to budget. Please send out in next couple of weeks.
- what did the original report say?
- include comparison of 1992 versus 2016.
- was the prediction correct? Close?

BD-16-146

Scholten - Giffen

“That the Board of Directors acknowledges the report dated October 26, 2016 on the request to update the 1992 Shoreline Protection Structures landowner resource manual and approves this as a 2017 SCRCA project with provincial grants allocated and further

that the remaining funds are to be allocated to the Lake Huron shoreline municipalities as outlined, subject to funding approval from Lake Huron Shoreline municipalities and further directs staff to add this project to the Authority budget for 2017.”

CARRIED

A staff report on DART was presented.

- Municipal drain August – October 2016 activity report associated with the provincially approved guidance “*Drainage Act and Conservation Authorities Act Protocol (DART)*” approved by the Board April 18, 2013.*

SCRCA DART FILES

2016 AUGUST

<i>FHR #</i>	<i>Municipality</i>	<i>Geographic Township</i>	<i>Drain Name</i>	<i>Project Description</i>	<i>SCRs Issued</i>
2706	Chatham-Kent	Dover	Kime Pumpworks	Bottom only cleanout	1

SCRCA DART FILES

2016 SEPTEMBER

<i>FHR #</i>	<i>Municipality</i>	<i>Geographic Township</i>	<i>Drain name</i>	<i>Project Description</i>	<i>SCRs Issued</i>
2712	Southwest Middlesex	Mosa	King Drain & Armstrong Drain	Brush top of bank, brush bank slope, bottom only cleanout	3
2713	Southwest Middlesex	Mosa	McVicar Drain	Brush top of bank, brush bank slope, bottom only cleanout	3
2715	Warwick	Warwick	Auld-Redmond Drain	Brush top of bank, brush bank slope, bottom and 1 slope cleanout	3
2717	St. Clair	Moore	Phillips Drain	Brush bank slope, bottom only cleanout	2
2718	St. Clair	Moore	Wheeler Drain	Brush bank slope, bottom only cleanout	2

BD-16-147

Miller - Kelch

“That the Board of Directors acknowledges and concurs with the August to October 2016 municipal drain activity report associated with the Drainage Act and Conservation Authorities Act Protocol (DART).”

CARRIED

Planning Activity Summary Report for August and September 2016 was reviewed.

BD-16-148

Marriott - MacKinnon

“That the Board of Directors acknowledges the St. Clair Region Conservation Authority’s monthly Planning Activity Summary Reports for August and September, 2016.”

CARRIED

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

- Beneficial Use Impairment (BUI) Update:
 - Restrictions on Dredging Activities BUI: The “Restrictions on Dredging Activities” BUI status assessment that recommends re-designation from “Impaired” to “Not Impaired” was presented to the Binational Public Advisory Council (BPAC) on March 30, 2016. Council members reviewed the report and provided questions and recommended revisions.
 - On September 14, 2016, BPAC voted in favour of approving the re-designation recommendation. There was one opposing vote. Next steps will include review by the Four Agency Managers Work Group consisting of representatives from Environment and Climate Change Canada (ECCC), the Ontario Ministry of the Environment and Climate Change (OMOECC), United States Environmental Protection Agency (USEPA) and the Michigan Department of Environmental Quality (MDEQ).
 - Beach Closings BUI and Bird or Animal Deformities or Reproductive Problems BUI: both the “Beach Closings” and “Bird or Animal Deformities or Reproductive Problems” BUIs received approval by the Canadian Remedial Action Plan (RAP) Implementation Committee (CRIC) for re-designation to “Not Impaired”. Consultation with Walpole Island and Aamijwnaang First Nations is on-going.
 - Restrictions on Drinking Water Consumption or Taste and Odour Problems BUI: Four open houses were held to solicit feedback on the draft “Restrictions on Drinking Water Consumption or Taste and Odour Problems” BUI discussion paper. The purpose of the paper was to initiate a discussion on the status of this BUI as it is anticipated that its re-designation may not be received positively by the local community. The comments and feedback received will be summarized and presented to the CRIC who will determine what steps are required to move forward with the re-designation.
 - Early comments received by the Wallaceburg Advisory Council for a Cleaner Habitat (WATCH) on a draft of the “Restrictions on Drinking Water or Taste and Odour Problems” discussion paper prompted CRIC to circulate a voluntary survey to local industries. The survey asks for information regarding spill prevention initiatives implemented by local industries that go above and beyond their regulatory requirements. Distribution of the survey was facilitated through the Sarnia Lambton Environmental Association (SLEA).
- Recent and Future Meetings:
 - Canadian Remedial Action Plan Implementation Committee (CRIC):
 - September 20, 2016 - Walpole Island First Nation
 - December 1, 2016 - Sarnia, Ontario
 - Binational Public Advisory Council (BPAC):
 - September 14 - Port Huron, Michigan
 - November 16, 2016 - Sarnia, Ontario
 - Fish and Wildlife Habitat and Population Subcommittee
 - September 21, 2016 - Strathroy, Ontario
- Presentations and Events:
 - Presentations were delivered and/or St. Clair River AOC information was displayed at recent meetings and events including:
 - St. Clair Region Conservation Authority Bus Tour – September 23, 2016
 - American BUI Removal Celebration Event, Marysville, Michigan –

- September 7, 2016
- Michigan State University Environmental Journalism Class Presentation at Guthrie Park – September 19, 2016

BD-16-149

Case - Scholten

“That the Board of Directors acknowledges the update dated October 26, 2016 on the St. Clair River Area of Concern.”

CARRIED

Authority revenue and expenditures to September 30, 2016, were reviewed.

BD-16-150

Bruziewicz - Scholten

“That the Board of Directors acknowledges the revenue and expenditure report to September 30, 2016, as it relates to the budget.”

CARRIED

September and October 2016 disbursements totaling \$782,265.65 were considered.

BD-16-151

Miller - Marriott

“That the Board of Directors approves the September and October 2016 disbursements as presented in the amount of \$782,265.65.”

CARRIED

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

BD-16-152

Scholten - Gordon

“That the Board of Directors acknowledges the status report on the 2016 general levy receipts to October 31, 2016.”

CARRIED

A staff report regarding investments was reviewed.

BD-16-153

Bruinink - Faas

“That the Board of Directors acknowledges the Investment Report, for the period ending September 30, 2016.”

CARRIED

A staff report regarding 2017 fees was explained.

BD-16-154

Bruziewicz - Marriott

“That the Board of Directors acknowledges the report on Conservation Area fees and approves the Schedule of Fees dated October 2016, for all programs and services for the year 2017 fees and further directors staff to circulate the approved fee schedule to all member municipalities.”

CARRIED

BD-16-155

Kelch - Bruziewicz

“That the Board of Directors directs staff to provide a report regarding potential increases in fees to balance increase cost to all stakeholders prior to the 2018 budget deliberations.”

CARRIED

The apportioning of matching and non-matching general levy to member municipalities for 2016 was considered.

BD-16-156

Case - Scholten

“That the Board of Directors approves the apportioning of matching and non-matching general levy to member municipalities for 2017 as per Schedule A, using the Modified Current Value Assessment, values provided by the Ministry of Natural Resources in October 2016.”

CARRIED

A verbal summary regarding the comments received to date on the 2017 draft budget was discussed.

Directors' Comments:

- concerns regarding year after year increases
- needs to connect better with municipalities
- what are we doing compared to other Conservation Authorities.

BD-16-157

Marriott - Kelch

“That the Board of Directors acknowledges the report dated November 1, 2016 and verbal summary of comments received to date on the 2017 Draft Budget.”

CARRIED

Minutes of the June 8, 2016 meeting of the Health and Safety Committee were reviewed.

BD-16-158

Miller - Kelch

“That the Board of Directors acknowledges the June 8, 2016 meeting minutes of Joint Health and Safety Committee.”

CARRIED

Appointments to the 2017 Nominating Committee were discussed.

BD-16-159

Kelch – Bruziewicz

“That the 2017 Nominating Committee consisting of the following four directors representing the four districts of the Authority being Sarnia, Lambton, Chatham-Kent, and Middlesex be: Norm Giffen, Jeff Wesley, Mike Kelch and Larry Gordon and further that the Nominating Committee’s recommendation for the 2017 membership be presented at the Annual General Meeting.”

CARRIED

The 2017 Tentative Schedule of Meetings was considered.

BD-16-160

Nemcek - Kelch

“That the Board of Directors approves the 2017 tentative schedule of meetings for the Board of Directors and Committees, dated October 18, 2016.”

CARRIED

A staff report regarding AODA IASR training was explained.

- all Board and Staff need to have the updated integrated Customer service and AODA training to remain compliant.
- training can be completed at home using the links provided in the Board Package or a time can be arranged to be completed at the office before November 18th.

BD-16-161

Bruziewicz - Bruinink

“That the Board of Directors acknowledges the report dated October 31, 2016, on AODA IASR Training and further that any director who has not completed this training, do so by November 18, 2016 and provide a copy of the completed testing to the Authority for required record keeping.”

CARRIED

A staff report regarding communications was presented.

- Memorial Forest Dedications
 - from September 2015 – August 2016, 538 trees were dedicated. 487 of these trees were through funeral home partnerships and 51 were through individual donations to the program.
 - two dedications were held in the month of September. The last dedication for the McKenzie and Blundy memorial forest program was held on September 18 at the Wawanosh Wetlands Conservation Area. Steve Arnold brought greetings from the Foundation and Authority. Approximately 800 people attended. In her remarks, Katherine Scimmi, Owner and President of the Funeral Home indicated that they may be interested in continuing with support for the Foundation through a continuation with a tree planting program. It was suggested to her afterward that she should contact us when they are ready to discuss a renewed program.
 - the Foundation’s dedication was held on September 25 at the Lorne C. Henderson Conservation Area. Duncan Skinner and Steve Arnold provided the remarks. Approximately 70 people attended.
 - to date, 14,504 trees have been dedicated at 45 sites throughout our region.

McKenzie and Blundy Funeral Home – 7,193 trees dedicated (218 in 2016)
Denning Brothers Funeral Home – 2,838 trees dedicated (181 in 2016)
Nicholls Funeral Home – 2,035 trees dedicated (88 in 2016)
Dodge/Denning Funeral Home, Forest – 531 trees dedicated
Individual Donations – 1,907 trees dedicated (51 in 2016)

- 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.
- 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 and programs:
 - \$3,000 to support Conservation Scholarships
 - \$5,000 to support a 3D mapping project
 - \$6,000 land management staff costs for Foundation owned lands
 - \$7,000 for trails at Conservation Areas
 - \$7,000 to support memorial tree planting
 - \$8,000 to finance a summer Conservation Intern position
 - \$10,000 to support the Watershed Report Cards
 - \$50,000 to support Conservation Education
- 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 for 2016 included:
 - Sarnia-Lambton Environmental Association: SLEA will continue its funding of the *River Bottom Critter* and the *Go With The Flow Groundwater* programs in the amount of \$30,000. The *River Bottom Critter* program is targeted at grades K – 10 and the *Go With The Flow Groundwater* program at grades 4 – 8.
 - Union Gas: Union Gas continued its support the *Spring Water Awareness* Program in 2015 in the amount of \$5,000. Union gas has supported this program for 5 years. This program targeted at grades K – 6.
 - Friends of the St. Clair River: The FOSCR is providing \$2,000 to support an in-class program called the *River RAP*. This program is introduced using the RAP video supported by the Foundation in previous years. This program is targeted at grades 8 – 10. We have requested for an additional \$2,000 to help with the shortfall in fees caused by the elementary teachers work action.
 - for 2017, funding from the Healthy Kids Community Challenge Lambton has been secured. This project is led by Nicole Boyer, Project Coordinator for Healthy Kids Community Challenge Lambton. A number of municipalities and health units are involved along with the St. Clair Region and others. We were successful in receiving approval for \$118,000 for a number of initiatives. Of interest to the Authority/Foundation is the approval of \$8,500 for Conservation Education Programs for the SCRCA.

BD-16-162

Kelch - McCallum

“That the Board of Directors acknowledges the Communications Report dated October 26, 2016 including memorial forests, conservation awards, Conservation Foundation update and conservation education fundraising.”

CARRIED

A staff report regarding Conservation Education was presented.

- Fall Education Programs
 - education staff have been enjoying the good weather during a very busy fall. Programming is booked up through to December with many programs booked into the New Year and beyond.
 - preparation and presentation of Specialist High Skills Major programming has been a major focus. The following SHSM programs have been developed and offered to the Lambton Kent District School Board: Tree Planting, GPS/GIS, Nutrient Management, and Principles of Drainage. Watershed Management will be presented November 1st.
 - Properties of Drainage & Nutrient Management Certification Program:
 - the Biology Department assisted in delivery of the program to 30 area Grade 11 and 12 Specialist High Skills Major Agricultural students. Topics discussed included history of drainage in our watershed, The Drainage Act, benefits and challenges of drainage, nutrient impacts, watershed management & water quality concerns.
 - we recently learned about Experiential funding that should be available from the Province to schools in the fall of 2017. Funding will help to offset the cost of Conservation Field Trips for local schools. Outdoor Education funding from the Province has been on going for 4 years.
- Events
 - Henderson Geocaching Event, September 18 - a beautiful day was forecast for the 8th annual event which attracted over 45 enthusiastic geocachers. Many participants were impressed by the trails and campground facilities. Participants came from as far away as the United Kingdom, Windsor, London and Michigan.
 - Children’s Water Festival - there was record attendance of more than 600 elementary students each day over the 3-day festival. Daily attendance on site was in excess of 900 people which included high school students, volunteers, teachers, educational assistants and parent helpers. There was high media interest in show casing over 40 hands on water conservation activities geared for students in grades 3 to 5. More than 12,000 elementary students have now attended this festival over the past 8 years.
 - Mini Rekindle the Spark Workshop - SCRCA staff shared our success with Specialists High Skills Major programs offered to local school boards at Wildwood C.A. on September 9. The workshop is always an excellent opportunity to share ideas with other outdoor educators.
 - Lambton Upland Game Bird Youth Day - on August 27th, staff participated in the annual Youth Day hosted by the Lambton Upland Game Bird Chapter. SCRCA provided children with a nature-based conservation activity; hunting for insects with sweep nets! Connections were made between the insects and the ecology of farming, fishing and general ecosystem support. We also found a snake in our hunt, so the important roles of reptiles in our watershed were discussed.

- Wyoming Fair Agriculture in the Classroom
 - staff provided information and a hands-on learning game for approximately 300 students in grades 3-6. SCRCA Staff discussed the important role farms play to help maintain healthy wetlands, forests and overall watershed health.
- Species at Risk Program, Kettle & Stony Point First Nation
 - September 28th and Oct 12th: As part of the annual education days at Kettle Stoney Point First Nations School, students in Grade 3 and 4 participated in both outdoor and indoor educational activities with 3 SCRCA staff. During our ‘outdoor visit’ students visited Shashawanda Creek to investigate the life supported there. The indoor day focused on Species At Risk, specific to Kettle/Stoney Point, encouraging the kids to share their own experiences and learn new ideas through games, crafts and stories.
- River Day at Riverview School
 - October 18th, 2016: Working with the Biology Department to fulfill Trillium Grant deliverables, we engaged the entire school of 160 students in a River Day Celebration at Marshy Creek Park along the St. Clair River. Students participated in Fish survey demonstrations and grade appropriate curriculum connected games and activities.

BD-16-163

Kelch - Scholten

“That the Board of Directors acknowledges the Conservation Education Report, dated October 28, 2016 including fall education programs and events.”

CARRIED

A staff report regarding the 5-year Strategic Plan was considered.

- at the September meeting, a strategic plan was distributed along with a questionnaire and a recommendation to seek input from our stakeholders. The Strategy was distributed to board members, Foundation board members, municipalities and several other stakeholders. It was posted on the website and was promoted through Facebook.
- we received two completed questionnaires. Both were supportive and offered comments of support and comments that provided suggestions as to ways to succeed with our strategic actions. A number of comments focused on controlling costs of implementing the strategy. There were no comments that would necessitate changes in the Strategy, rather they could be incorporated in yearly work plans.
- examples of the comments:
 - “Look at what other CAs and farm organizations are doing in order to improve our current actions”
 - “Be on the lookout for forthcoming grants at all times”
 - “The four goals address our current needs at this time, but will need to be reviewed on a regular basis”
 - “The impacts of climate change must be addressed in a proactive manner which limits loss of property and our natural resources”
 - Re: focus on phosphorous – “need to work at the international level to achieve success
 - Re: improve regulation mapping – “Yes this would be helpful in explaining decisions relative to floodplain delineation”

BD-16-164
Scholten - Giffen

“That the Board of Directors acknowledges the report dated October 28, 2016 and further approves the 5-year Strategic Plan entitled Our Future to Shape – A Way Forward.”

CARRIED

A staff report regarding an update on the Drinking Water Source Protection Report was reviewed.

- Staffing
 - last month, Michelle Fletcher Source Water Protection Project Coordinator for Thames-Sydenham & Region Source Protection Region confirmed that she would be assuming the position of Aquatic Biologist at the Upper Thames River Conservation Authority at the end of December
 - today it was announced that Jenna Allain will be taking over the Project Coordinator position at the beginning of January - Jenna has been with the Ausable Bayfield Maitland Valley Source Protection Region program for 8 years and has been coordinating their program for the last 4 years
- Risk Management Services
 - in September and October, the Project Coordinator met with all municipalities requiring risk management services – both those contracting the Source Protection Region for risk management services and those who are undertaking services or contracting services from other sources
 - reporting requirements and status updates were shared
 - some municipal staff indicated that they may be looking to the Source Protection Region for risk management services in the future
 - current risk management services contracts end in August 2017 and include a clause for renewal 6 months in advance of the contracts end date – as a result Source Protection Region staff will be engaging the municipalities in renewal discussion in the near future with the intention of having approvals in place by March 2017
- Provincial “Status” of Source Water Protection
 - the Ministry of Environment and Climate Change (MOECC) has been meeting with Source Protection Regions to solicit comments on the future of source protection
 - most of the interest is based around funding of the Region’s roles moving forward
 - MOECC is seeking an understanding of the costs of the ‘mature’ state of the program – envisioned for 2019 and beyond – viewing the next 2 years as transition to that mature state
 - MOECC staff have indicated that they expect only minor reductions to funding for Source Program Regions as we move through this transition

BD-16-165
Marriott - Kelch

“That the Board of Directors acknowledges the report, dated November 1, 2016, on Drinking Water Source Protection.”

CARRIED

The meeting went “In Camera” to discuss personnel issues.

BD-16-166

Scholten - Kelch

“That the Board of Directors go in camera at 11:26 a.m. to discuss personnel issues with the General Manager and Director of Finance remaining.”

CARRIED

BD-16-167

Kelch - Marriott

“That the Board of Directors rise and report at 12:00 noon.”

CARRIED

BD-16-168

Kelch - Bruziewicz

“That the Board of Directors approves the member’s meeting per diem remains unchanged for 2017.”

CARRIED

BD-16-169

Kelch - Gordon

“That the Board of Directors approves the Chair’s honorarium and the Vice Chair’s honorarium remain unchanged for 2017.

CARRIED

BD-16-170

Kelch - Marriott

“That the Board of Directors mileage rate be .54 per km and future rates be tied to the Province of Ontario mileage rates.”

CARRIED

Directors’ Comments:

- more information is required for the December meeting.

BD-16-171

Kelch - Marriott

“That the meeting be adjourned.”



Steve Arnold
Chair

Brian McDougall
General Manager

Staff Report

4. (i)



To: Board of Directors
Date: November 28, 2016
From: Brian McDougall, General Manager
Subject: General Manager's Report

Lake Erie Domestic Action Plan

- Conservation Authorities in the Lake Erie basin met with representatives of the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA), Ontario Ministry of Environment and Climate Change (MOE), Ontario Ministry of Natural Resources and Forestry (MNR), Agriculture Canada, Environment and Climate Change Canada on November 14th to provide input regarding anticipated components of the Domestic Action Plan, to reduce phosphorous levels in Lake Erie
- Conservation Authorities outlined the current programs being undertaken in stewardship, environmental monitoring and habitat protection
- OMAFRA reviewed some of the potential agricultural components of the anticipated Domestic Action Plan for Lake Erie
- all departments and ministries discussed other components of the anticipated action plan that could involve Conservation Authority participation
- OMAFRA brought forward several points of discussion and solicited Conservation Authority comments
- a draft Domestic Action Plan for Lake Erie is expected to be posted for public comment as early as next month

Staff Report

6. (i)



To: Board of Directors
Date: August 24, 2016
From: Marlene Dorrestyn
Subject: Business Arising from November 10, 2016 meeting

- General Manager's report:
 - requests page numbers for whole package – *package numbered*
 - requests report on air quality at Sarnia Airport – *request made for information*
 - why recommending Education Review for EBR – *draft correspondence for Chair's signature*
- Healthy Watersheds program - options for more shoreline cleanup – *investigating options for more dates*
- 1992 Shoreline Protection Structures landowner resource manual
 - additional information needed to be clarified, where is boundary. Subsequent updates to budget. Please send out in next couple of weeks.
 - what did the original report say?
 - include comparison of 1992 versus 2016.
 - was the prediction correct? Close? – *report in package*
- 2017 draft budget
 - concerns regarding year after year increases
 - needs to connect better with municipalities
 - what are we doing compared to other Conservation Authorities.
- Information regarding Cost of Living
 - more information is required for the December meeting - *attached*

Staff Report

7 (i)



To: Board of Directors
Date: November 21, 2016
From: Kevan Baker, Director of Lands
Subject: Conservation Lands Report

Warwick Conservation Area (Warwick Township)

- the pool has been renovated with new 2 x 2 porcelain tile and colored quartz surfacing
- a new laundry shed has been constructed in the woodlot campground
- the main campground washroom roof has been replaced with steel
- approximately 80 stumps have been ground off and the areas leveled with top soil



L.C. Henderson Conservation Area (Enniskillen Township)

- 2 shower areas have been renovated with new shower surrounds and ceramic tile installed on the floors and walls
- subsurface drainage has been installed in the Towerview campground and on one of the seasonal campsites
- a number of dead poplar trees have been removed along the main access roadway

A.W. Campbell Conservation Area (Municipality of Brooke Alvinston)

- a 12 x 34 ft addition was constructed to existing workshop; the addition facilitates a superintendent's office, staff lunch room and storage.
- a new trail loop has been developed through the



maple syrup bush; this trail will be used as an added attraction at the 2017 Maple Syrup Festival

- new directional signage has been installed at the corner of Conservation Line and Calvert Road

Other Lands Activities:

- safety railing and stairs have been installed along the trail system in the Strathroy Conservation Area (funded by Bonduelle)
- a number of cedar post supports and board walk decking have been upgraded at the Coldstream Conservation Area (Middlesex Centre)
- a new deck and accessible ramp have been constructed at the Peers Wetland CA (Sydenham Field Naturalists and Union Gas)
- a new 5-year tower lease is being negotiated with Cogeco Connexion Inc. for the existing tower & building
- one of the steel walkways on the boat ramp has been repaired and reinstalled at Highland Glen CA
- 52 memorial trees have been planted in our conservation lands (Foundation)



Foundation Lands:

- the St. Clair Region Conservation Foundation owns 16 land holdings and 456 hectares of land; these lands are maintained and operated by the Conservation Authority
- a number of dead ash trees have been removed from around the perimeter of the property at Maples Woodlot (Plympton-Wyoming)
- the Harrison, Gawne, Evoy and Sinclair properties have been inspected and new no hunting signs have been installed where required
- the Foundation has provided financial assistance to the Conservation Authority to support the development and maintenance of trails

County of Lambton Lands:

- fencing has been upgraded on the sand hill in Port Franks; the fence restricts access and allows for dune grasses to become established (Lambton County Heritage Forest)
- a new property identification sign has been installed at the Bowens Creek Management Area
- forestry staff continue to manage the over 40,000 trees at the Bowens Creek Management Area

McKeough Upstream Lands:

- approximately 8,000 ft of 4 inch and 1,600 ft of 6-inch tile drainage has been installed at Property 82
- soil sample information has been collected and analysed on 4 upstream rental parcels; this information has been forwarded to the agricultural tenant to assist in future soil management needs.

Management Agreement for the Evoy Woods

THIS AGREEMENT made this 8th day of December, 2016.

BETWEEN:

St. Clair Region Conservation Authority
Hereinafter referred to as the "Authority"
OF THE FIRST PART

-and-

St. Clair Region Conservation Foundation
Hereinafter referred to as the "Foundation"
OF THE SECOND PART

The Authority and the Foundation, upon transfer of the property ownership to the Foundation, agree to the following regarding the Evoy Woods (located at 2350 Black Ash Road, Municipality of Enniskillen) consisting of the access laneway, union gas line easement and woodlands:

1. The Authority shall manage the property as it deems appropriate for the conservation purposes and shall furnish such equipment, plant trees, erect and maintain fences, signs, manage the woodlots and such other management items that may, in its opinion be required in connection with the proper management of the property and the net cost thereof shall be borne by the Foundation.
2. All revenues from the property shall go to the St. Clair Region Conservation Foundation. The Foundation shall reimburse the Authority for costs under item 3 of this agreement.
3. The Authority shall present a budget and work plan to the Foundation annually for approval. Once approved, the Authority shall carry out operations and maintenance within the limits of the approved budget.
4. The Foundation's operation responsibilities include insuring the property, paying property taxes and applying for rebates.
5. This management agreement may be cancelled by either party upon 3 months written notice and all costs shall be adjusted as of the cancellation date. This management agreement may be altered upon written agreement by both parties.

IN WITNESS WHEREOF the parties hereto have set their hands and seals.

SIGNED, SEALED AND DELIVERED

St. Clair Region Conservation
Foundation

St. Clair Region Conservation
Authority

President

Chair

Executive Director

General Manager

Date

Date

Management Agreement for the Bannerstone

THIS AGREEMENT made this 8th day of December, 2016.

BETWEEN:

St. Clair Region Conservation Authority
Hereinafter referred to as the "Authority"
OF THE FIRST PART

-and-

St. Clair Region Conservation Foundation
Hereinafter referred to as the "Foundation"
OF THE SECOND PART

The Authority and the Foundation, upon transfer of the property ownership to the Foundation, agree to the following regarding the Bannerstone Property (located at 19183 Kent Bridge Road, Municipality of Chatham-Kent) consisting of the access laneway, drive shed, meadows and woodlands:

1. The Authority shall manage the property as it deems appropriate for the conservation purposes and shall furnish such equipment, plant trees, erect and maintain fences, signs, manage the woodlands and such other management items that may, in its opinion be required in connection with the proper management of the property and the net cost thereof shall be borne by the Foundation.
2. All revenues from the property shall go to the St. Clair Region Conservation Foundation. The Foundation shall reimburse the Authority for costs under item 3 of this agreement.
3. The Authority shall present a budget and work plan to the Foundation annually for approval. Once approved, the Authority shall carry out operations and maintenance within the limits of the approved budget.
4. The Foundation's operation responsibilities include insuring the property, paying property taxes and applying for rebates.
5. This management agreement may be cancelled by either party upon 3 months written notice and all costs shall be adjusted as of the cancellation date. This management agreement may be altered upon written agreement by both parties.

IN WITNESS WHEREOF the parties hereto have set their hands and seals.

SIGNED, SEALED AND DELIVERED

St. Clair Region Conservation
Foundation

St. Clair Region Conservation
Authority

President

Chair

Executive Director

General Manager

Date

Date

Staff Report

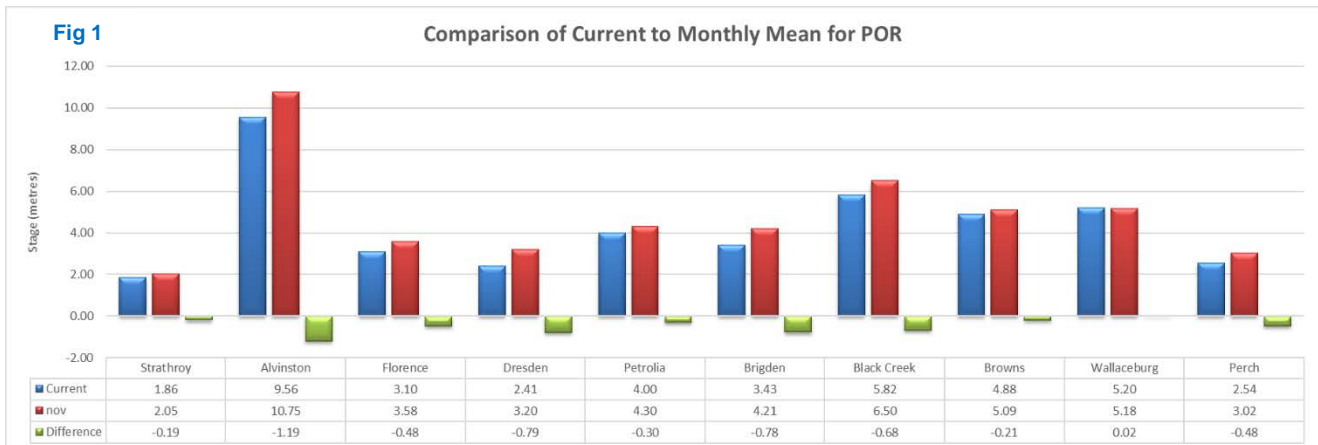
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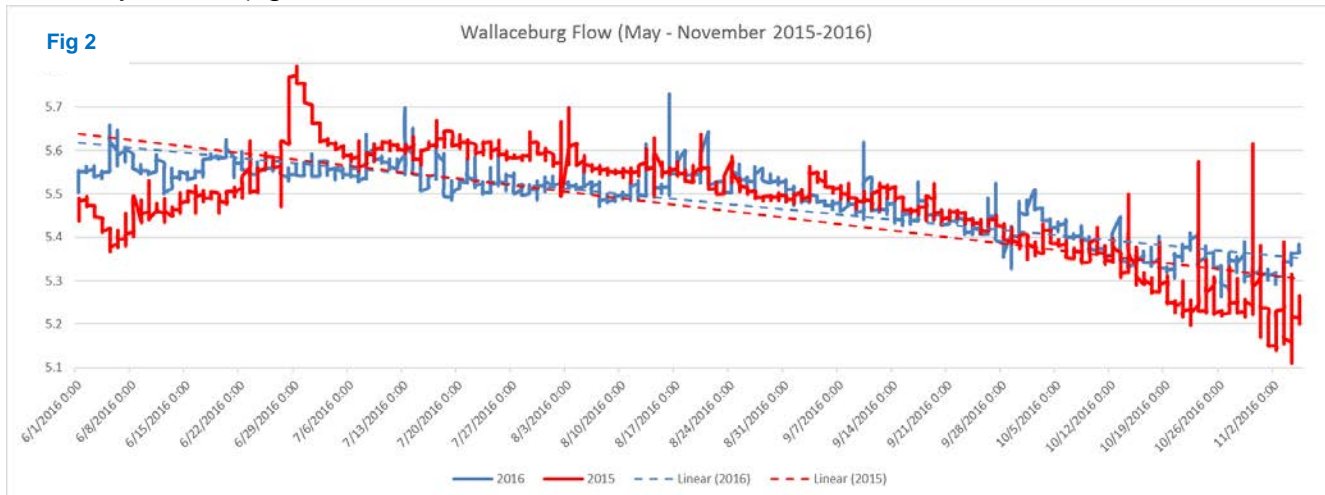
To: SCRCA Board of Directors
 Date: November 25, 2016
 From: Steve Clark, Water Resources Specialist
 Subject: Current Watershed and Lake Conditions

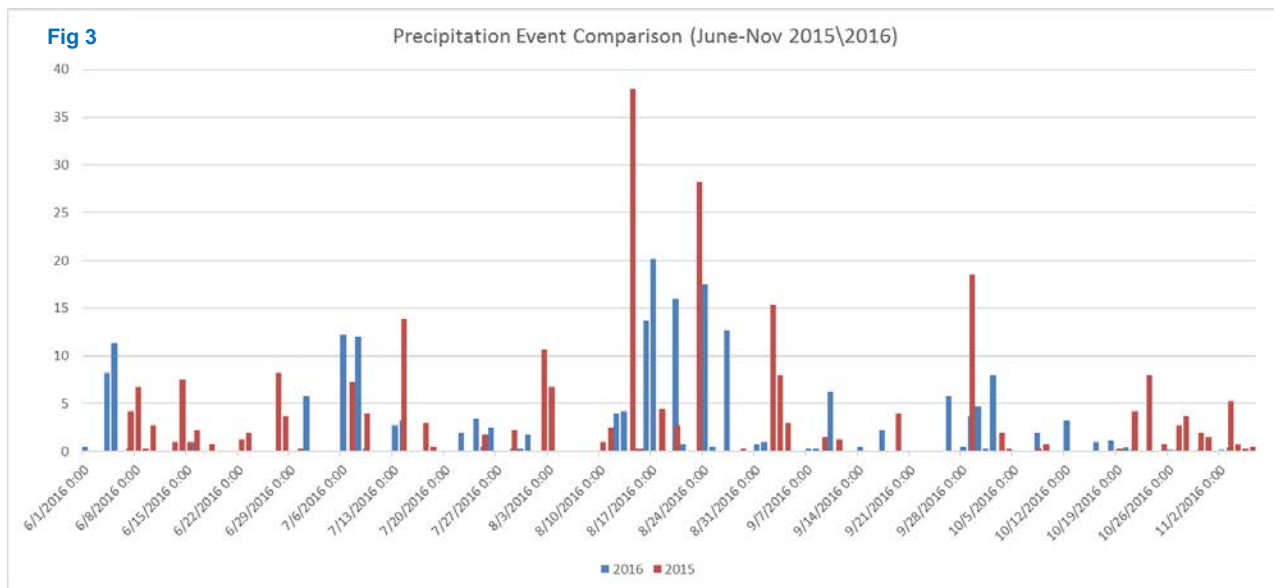
Watershed Streamflows

- Watershed flow conditions in most areas continue to remain between 10% and 15% lower than the average for the month of November to date (fig 1) notably due to the lack of consistent precipitation. Most runoff continues to be absorbed into the ground however this will change into December when the ground becomes frozen and accumulations will now be in the form of snow as opposed to running off into the adjacent watercourses.



- While flows at Wallaceburg are becoming reduced consistent with seasonal fluctuations, it can be noted that the overall impact on flows at the confluence, considering the lower than average conditions in the watershed, varies only slightly year over year by an average of only 10 cm (fig 2).





Precipitation

- While rainfall conditions improved into October following a dry September, November to date is considerably dry with less than 50% of the anticipated rain for the month across

Precipitation (mm)	Sarnia		Strathroy		London		Windsor	
Last Quarter	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
November *	34.8	76.4	41.5	94.5	28.1	91.1	36.1	75.5
October	68	66	47.2	70.8	45.5	77.6	67.4	64.9
September	58.1	94	57.8	89.8	70.3	97.7	166.6	96.2
Averages								
last 3 month totals	160.9	236.4	146.5	255.1	143.9	266.4	270.1	236.6
last 3 month % of normal	68.1%		57.4%		54.0%		114.2%	
regional average	73.4%							
last 6 month totals	382	473.1	384.9	483.4	405.1	520.7	475	487.9
last 6 month % of normal	80.7%		79.6%		77.8%		97.4%	
regional average	83.9%							
last 12 month totals	763.6	846.8	831.5	945.1	819.7	987	906.7	918.4
last 12 month % of normal	90.2%		88.0%		83.0%		98.7%	
regional average	90.0%							

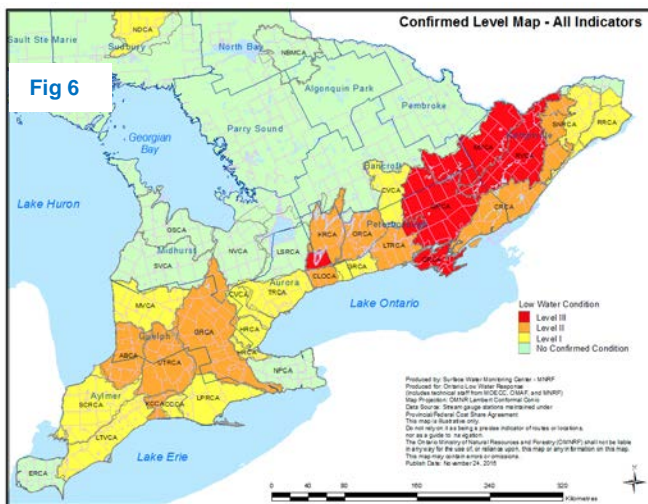
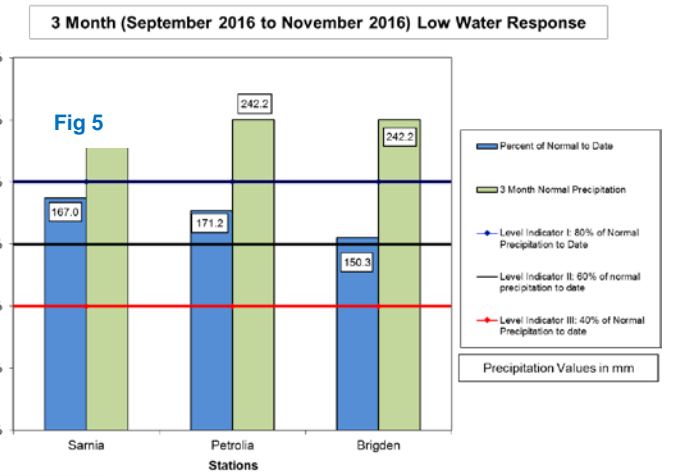
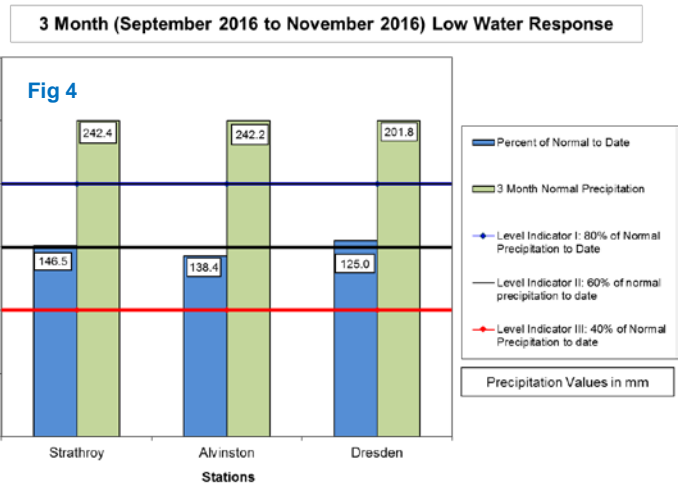
the region. This effectively brings the regional 3 month average to only **73%** of the average amount of rain. In turn this reduced the six month average to **84%** and further decreases the one year rolling average down to **90%**.

Monthly % Normal	Sarnia	Strathroy	London	Windsor
October 2016	103%	67%	59%	104%
November 2016	46%	44%	31%	48%

As noted in fig 3 when comparing number of events 2015 to 2016 there were 48 events in 2015 with many in excess off 15mm as compared to only 31 events in 2016 with many of those being mostly in the 5mm to 10mm range. This trend has resulted in **Low Water Conditions** in many parts of the province. Based on these results the SCRCAs has

declared a **Level I** drought condition based on the three-month data. Further, should final November numbers continue to be significantly low into the winter months, there is the possibility of this condition continuing into 2017.

- Local statistical precipitation analysis (Figs 4 and 5) for the three-month period indicate current **Level I** conditions. Since final numbers for November are not yet available we will continue to monitor the current trend and report conditions accordingly.
- Low Water Conditions have been officially reported to the MNR and are now posted (fig 6). These conditions are consistent with other CA's in the region and large eastern regions of the province continue to be under Level III conditions.



Quinte Region – Central Ontario Low Water Conditions



Flood Threat

Based on current conditions there is no concern for any flood conditions as the watershed is able to handle most storm events. With seasonal flows remaining slightly below the average range and future precipitation falling as snow, flood conditions are less likely to the end of 2016. We continue to monitor changes in watershed conditions as they occur. As always we will continue monitor flows and any significant storm events. Advisories will be provided as conditions dictate.

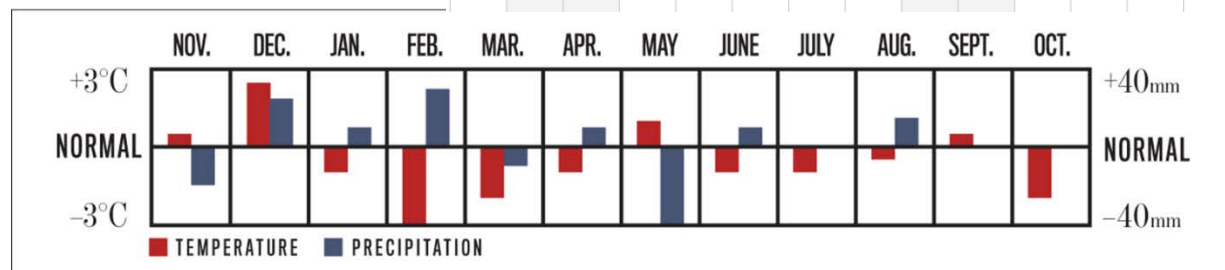
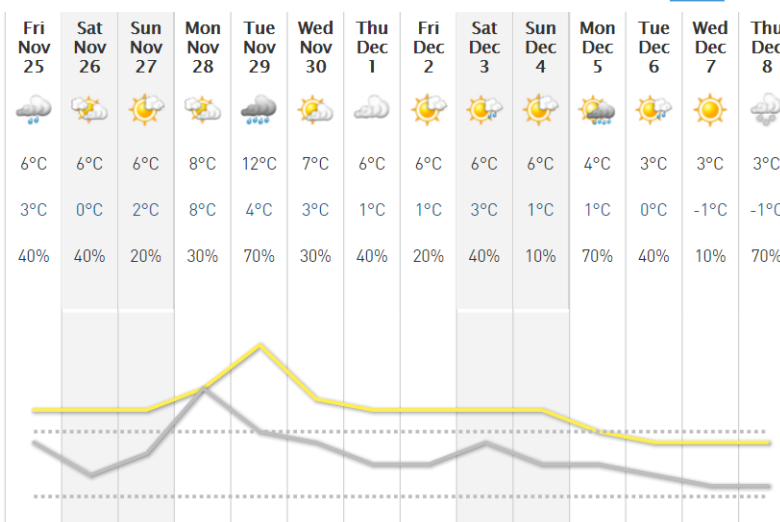
Weather Forecast (Data: Weather Network, Environment Canada, OFA)

Short Term Outlook

➤ Seasonal temperature and precipitation across the region over the next 14 days

Long Term Outlook

➤ Environment Canada winter outlook will be warmer than normal in the remainder of 2016, with above-normal precipitation and snowfall. Temperatures will be colder with higher precipitation into



2017 with the potential for significant lake-effect snow conditions. The coldest periods will be in early to mid-January, late January, and late February, with the snowiest periods in mid- and late December, early January, and mid-February.

Great Lakes Levels (Canadian Hydrometric, NOAA data – October)

Units	Current Monthly Level	Monthly Level Last Year	Change 2015/2016	Current Month Avg for Last 10 Years	Change Current compared to 10 year	Anticipated Next Month	Average for Month for Period of Record (96 years)
<u>Lake St. Clair</u>							
Metric (m)	175.32	175.26	0.06	174.92	0.40	175.19	174.99
Imperial (ft)	575.20	575.00	0.20	573.88	1.31	574.77	574.11
<u>Lake Huron</u>							
Metric (m)	176.69	176.58	0.11	176.13	0.56	176.62	176.43
Imperial (ft)	579.69	579.33	0.36	577.85	1.84	579.46	578.84

The monthly comparison for October 2016 (current available data) indicate that Lake Huron levels have increased only slightly by **11cm** over October 2015 and continue to remain above the 10 year average for Lake Huron at **56cm**. Lake St. Clair levels are almost identical (within **6cm**) to last year and **40cm** above the 10 year average. Lake St. Clair remains close to the average for the entire period of record while Lake Huron is now below the average for the period of record for October by **30cm**

Staff Report

8.(ii)



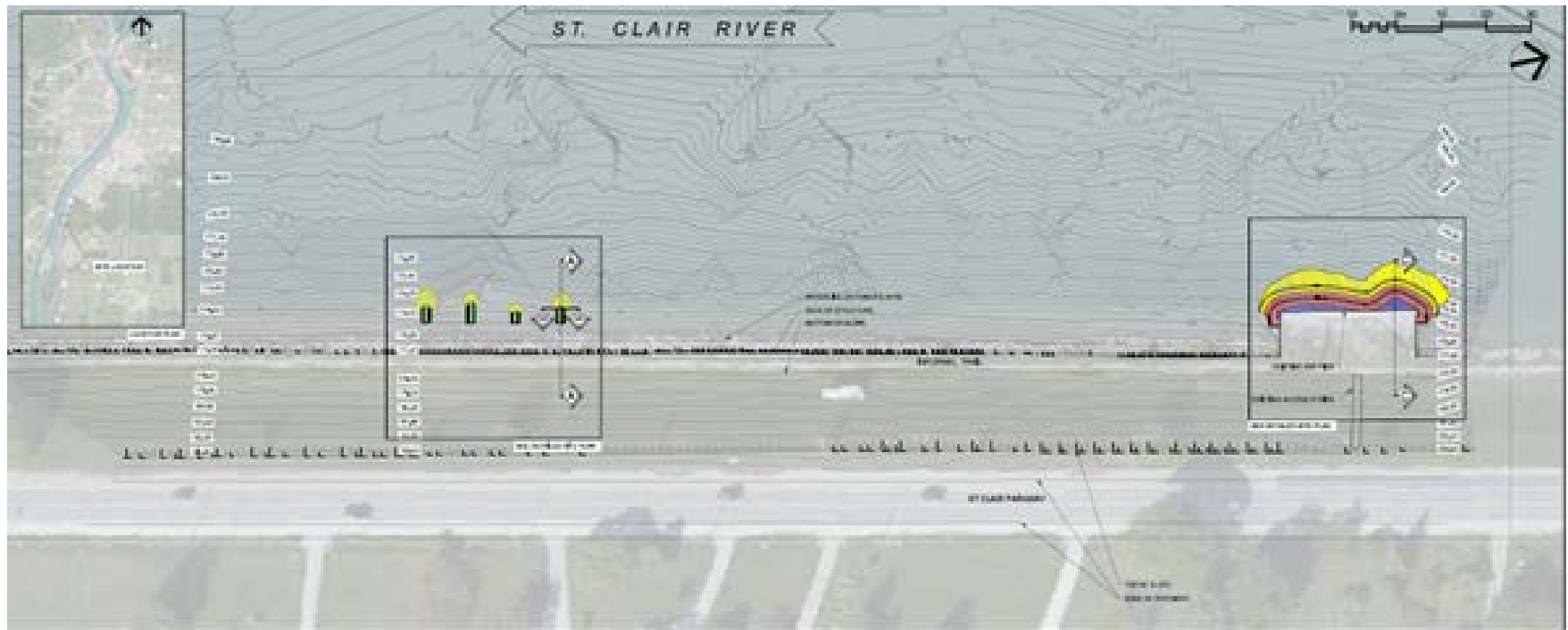
To: Board of Directors
Date: November 24, 2016
From: Girish Sankar, Director of Water Resources
Subject: Water & Erosion Control Infrastructure (WECI)
and Shoreline Projects

- We continue to wrap up projects on a monthly basis. Status of **2016 WECI/Shoreline** projects is outlined below:

Structure	Project Name	Status
McKeough Dam	Dam Safety Review	Golder Associates have been retained to complete the DSR
McKeough Dam	McKeough Dam Drop structure repair	Completed by Brosco Concrete restoration as of September 2016
Petrolia Dam	Stop log replacement	Completed as of July 2016
Courtright Park	Courtright shoreline revitalization	Design work ongoing
Aamjiwnaang Shoreline	Aamjiwnaang shoreline naturalization	Design work ongoing, Construction work expected to start early 2017

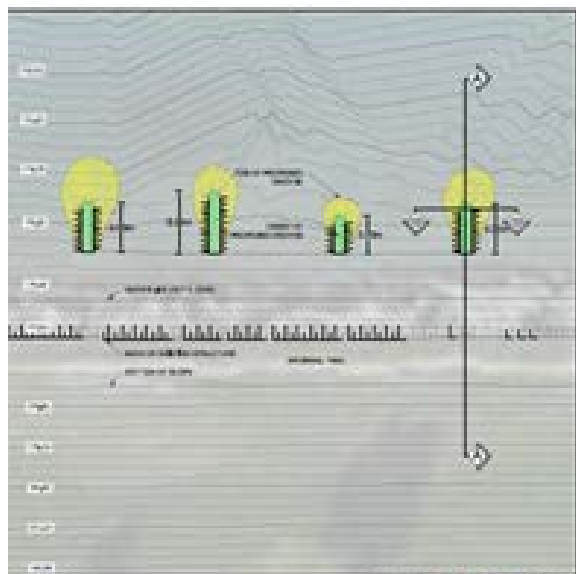
Aamjiwnaang FN Shoreline

- SCRCA coordinating Aamjiwnaang FN shoreline work
- design review work ongoing
- three main concepts will be implemented along the Aamjiwnaang FN shoreline
 - Finger groynes
 - Habitat pod
 - Fishing pier
- this work is geared to enhance habitat and to improve community connection with the St. Clair River
- SCRCA has contacted permitting agencies for approval
- Construction work expected start in March 2017
- SCRCA is offering technical support and assistance to Walpole FN on their Shoreline Management Plan



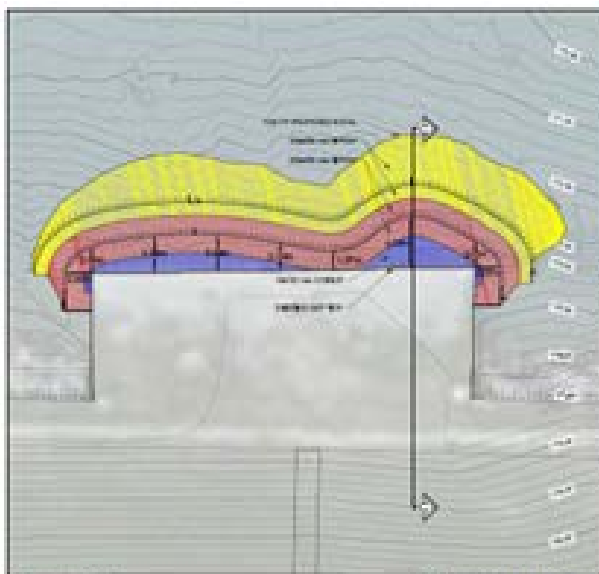
Scale 1:500

SITE PLAN



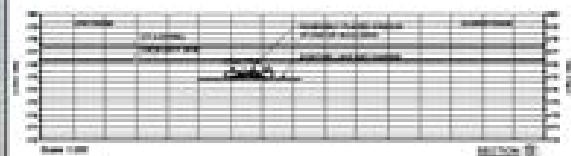
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DETAILED SITE PLAN
FINGER GROYNES



Scale 1:300

DETAILED SITE PLAN
HABITAT POD



Staff Report

9.(i)



To: Board of Directors
Date: November 24, 2016
From: Erin Carroll, Manager of Biology
Jessica Van Zwol, Healthy Watershed Specialist
Subject: Biology Department's Successful Grants

The Biology Department has had great success with grant proposals again this year, with active grants currently totaling around **\$1.5M** and a potential additional **\$450,000** in 2017/18.

Multi-year grants for 2016/17 include:

- a three year **\$157,000** grant from the Friends of the St. Clair River/Ontario Trillium Foundation to conduct aquatic inventories, restore aquatic habitat and for education and outreach.
- a three year, **\$75,900** grant from the Ministry of Natural Resources and Forestry (MNR) Species at Risk Stewardship Fund to continue to deliver Reptiles-at-Risk Program will help pay for snake and turtle monitoring, and related outreach and education activities.
- a three year **\$270,000** grant from Environment Canada and Climate Change for the "Sydenham River Healthy Watersheds Program – An Ecosystem Approach for Species at Risk."
- a three year **\$57,400** grant from Environment Canada and Climate Change for the "Healthy Watersheds Program – North Sydenham River Recovery."
- a two year **\$218,100** grant from Ontario Ministry of Agriculture, Food, and Rural Affairs to build Agronomic Capacity, implement demonstration projects, and provide outreach and education to improve soil health and water quality in the St. Clair Watershed.(2016-2018)
- a two year **\$40,000** grant from Ontario Ministry of Agriculture, Food, and Rural Affairs for outreach and education to improve soil health and water quality in the Lambton Shores Tributaries Priority Sub-watershed (2016-2018)



- a three year **\$56,500** grant from Ontario Soil and Crop Improvement Association *Great Lakes Agricultural Stewardship Initiative* for outreach and education regarding healthy soils, water quality, and pollinator habitat (2015-2017).

As well, there were a number of one year projects completed for 2016/17:

- **\$33,000** from Environment Canada and Climate Change for St. Clair River Area of Concern Fish and Wildlife Habitat Management Plant and Wetland Evaluations
- an ongoing small grant from the Aboriginal Fund for Species at Risk (AFSAR) that covers an education and outreach program delivered at Kettle and Stony Point First Nation.
- TD Friends of the Environment Foundation provided funding towards the ongoing maintenance and additional seeding of the pollinator garden at Warwick Conservation Area. They also provided about **\$8,600** towards Sarnia and Strathroy community tree planting through TD Tree Days.
- another (2nd year) **\$30,000** grant from the MNRF for the protection, evaluation and restoration of riparian wetlands.
- ongoing yearly **\$30,000** grant from the MNRF for Fish and Wildlife BUI priority actions for delisting; including the restoration of priority wetland sites.
- another (2nd year) **\$10,000** from Fisheries and Oceans Canada (DFO) for fish monitoring work
- **\$25,000** from Wildlife Habitat Canada for Sydenham River Habitat Creation & Enhancement Project
- **\$23,672** from Recreational Fisheries Conservation Partnership Program for Bear Creek Barrier Removal and Habitat Creation
- **\$17,300** from Ducks Unlimited Canada for wetland projects, including the construction of the Callahan Road wetland at the McKeough Dam
- Ministry of the Environment and Climate Change (MOECC) allocated **\$60,000** to support our stewardship and water quality monitoring program in Lambton Shores (2016/17).
- Climate Change and Environment Canada allocated **\$10,000** to support our water quality outreach program in Lambton Shores (2016/17).
- we also helped a landowner get **\$13,000** from SARFIP for erosion control

A number of projects were completed in the first part of 2016:

- Ontario Trillium Foundation (OTF) awarded **\$58,000** to conduct fish and mussel inventories in Lake Huron Tributaries over two years,
- 2015/16 was the final year of a three year **\$244,050** grant from Environment Canada to implement best management projects through the Sydenham River Habitat Stewardship Program.
- Ministry of the Environment and Climate Change (MOECC) allocated **\$50,000** to support our stewardship and water quality monitoring program in Lambton Shores (2015/16).
- a **\$104,000** grant from the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) for Healthy Lake Huron Outreach and Monitoring (2014-2016).
- a **\$5,000** grant from Friends of the St. Clair River for maintenance of the Bowen's Creek restoration project (wetlands and trees).
- a **\$3,000** grant from the J.P. Bickell Foundation for Wetland Evaluation Training.
- a **\$13,000** grant from the Great Lakes Sustainability Fund (GLSF) to write a St. Clair AOC Fish and Wildlife Habitat Management Plan.
- **\$10,000** from Fisheries and Oceans Canada (DFO) for fish monitoring work
- a **\$30,000** grant from the MNRF for the protection, evaluation and restoration of riparian wetlands.
- a **\$30,000** grant from the MNRF for Fish and Wildlife BUI priority actions for delisting; including the restoration of priority wetland sites.



Children crowd close to feel a snake skin.

Since April, we have submitted for the following additional grants:

- a request for **\$33,700** to Ontario Trillium Fund through the Bluewater Anglers for repair to boat launch, walkway, rock placement and seawall at Highland Glen Conservation Area.
- a request for **\$20,000** from the Land Stewardship and Habitat Restoration Program for phramites treatment at Wawanosh Wetland Conservation Area.
- a collaborative project with Lambton College requesting for **\$90,000** over three years for Monitoring and Validation of the Hydraulic Model to Assess Climate Change Scenarios.
- a request **\$295,800** for a three year combined Healthy Watersheds/Reptile at Risk program to MNRF.
- a request for **\$5,000** from TD FEF to complete Bioblitzs in 2017.
- expressions of interest to the National Wetland Conservation Fund and Habitat Stewardship Prevention – Species at Risk stream.
- we have also put together a quote to complete benthic macroinvertebrate analysis for CH2M to meet their Ministry of Environment and Climate Change requirements at Petrolia and Oil Spring wastewater treatment facilities.

Staff Report

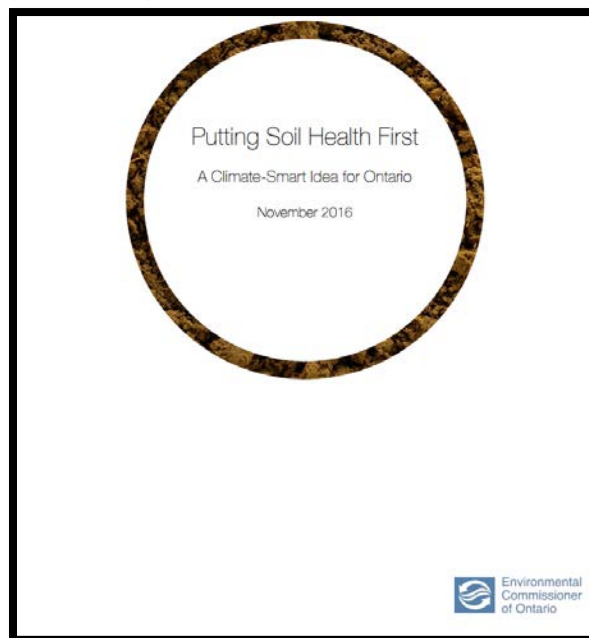
9.(ii)



To: Board of Directors
Date: November 30, 2016
From: Jessica Van Zwol, Healthy Watershed Specialist
Subject: Environmental Commissioner of Ontario Soil Health Report

This month, the Environmental Commissioner's Office of Ontario (ECO) produced *Putting Soil Health First – A Climate-Smart Idea for Ontario*. The report discusses that although modern agriculture has achieved much success in feeding the world, soil health has been compromised in the process. The report provides principles for a soil health approach that would not inhibit agriculture's success, but rather protect and enhance soil life.

The relevance of this report to SCRCA is that it highlights the farming practices of two Lambton County farmers, Mike Belan of Inwood and Doug Rogers of Lambton Shores. These farmers are just two of our soil health champion landowners. Glenn Munroe, Senior Policy Analyst for ECO joined our GLASI Soil Health Tour this summer to meet Mike Belan and while at the tour, Glenn met Doug. He was very impressed with their practices and made sure to profile and celebrate their efforts in this report. The report also mentions the water quality monitoring SCRCA staff are conducting with Doug Rogers to understand phosphorus movement in tile outlets. Very rewarding to have champion landowners gain recognition for their work!



<https://media.assets.eco.on.ca/web/2016/11/Putting-Soil-Health-First.pdf>

Staff Report

10.(i)



To: Board of Directors
Date: November 23, 2016
From: Patty Hayman, Director of Planning
Subject: 2017 Funding request – Update to 1992 Shoreline Protection Structures Landowner resource
Updated from November 10, 2016 Board meeting based on a review of Pt Edward apportionment

At the November 10, 2016 Board meeting, SCRCA staff were requested to review the applicability of Point Edward's contribution to the project update. As you can recall, this project is an update to the January 1992 Design Considerations for Shore Protection Structures. The document is 25 years old. The 1992 document was included in your November Board package.

It was also requested, that should the project be approved, the update include a comparison of the 1992 projected erosion rates versus actual measured erosion. This is noted and will be included.

A review of improved mapping indicates that Pt. Edward has such a small portion of Lake Huron shoreline and further since this shoreline is protected with engineered armourstone, it is recommended Pt. Edward's financial portion be removed. See attached map.

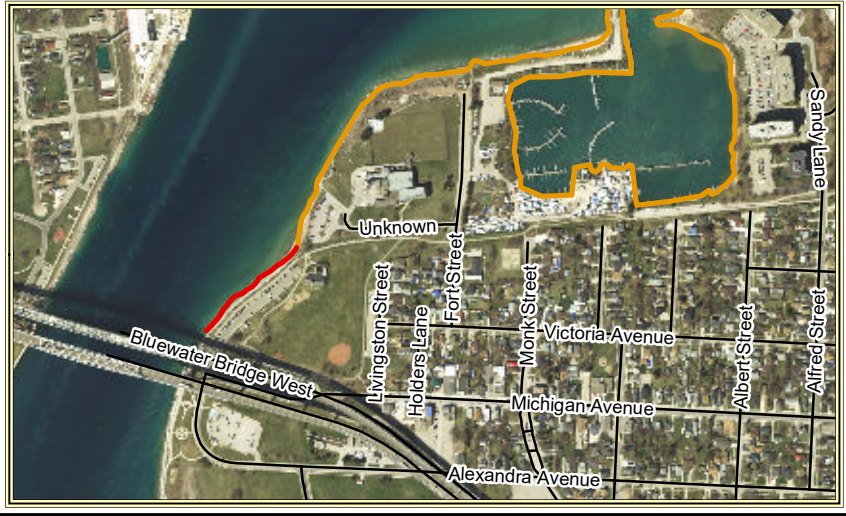
Therefore the revised cost apportionment is as follows:

Cost:

Total	\$	50,000.00	based on verbal estimate
Grant		20,000.00	from external grants (infrastructure technology transfer), surplus adjustments, reserves
Sarnia		10,000.00	apportionment based on length of
Plympton Wyoming		10,000.00	shoreline
Lambton Shores		10,000.00	

Unanimous municipal support will be required to proceed if a joint project with neighbouring lakeshore C.A.'s can be arranged total costs could be reduced by 20%

Point Edward Shoreline



10.(i)b

Lake Huron

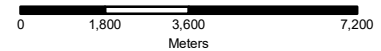
Hillsboro Beach

Blue Point



Lake Huron Shoreline including Point Edward

- Lambton Shores
- Kettle and Stoney Point
- Plympton
- Point Edward
- Sarnia



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 THIS IS NOT A PLAN OF SURVEY
 K:\Maps\Shoreline\Shore Protection Structure .mxd

See Point Edward Detail Map Above

PLYMPTON

BOSANQUET

SARNIA

Errol Village

Brights Grove

Cow Creek

Donnie Doon

402

Shaswandiuh Creek
 Rawlings Road
 Proof-Line
 Cedar Point-Line
 Townsend Line
 Hubbard-Line

Lakeshore Road
 Fuller Road
 Indian Lane
 Douglas-L
 Hillsboro Road
 Fish
 Blue-Heron Road

Blackwell Sideroad
 Telfer Road
 Jackson Road
 Waterworks Road
 Mandamin Road
 O'Brien Road
 Fleming Road
 Camlachie Road
 MacFarlane Road
 Olt Heritage Road

Michigan-Line

Staff Report

10.(ii)



To: Board of Directors
Date: November 24, 2016
From: Patty Hayman, Director of Planning
Subject: Update on Shoreline Information Night held November 14, 2016 in Sarnia For Reach 5 (Murphy Road beach – Haight Road East to Hillcrest Nisbet Drive)

Background

Reach 5, as identified in St. Clair Region Conservation Authority's (SCRCA) shoreline management plan, is a dynamic beach as defined by provincial guidelines. The provincial dynamic beach default limit extended beyond the existing building line. The SCRCA, in partnership with Sarnia, retained a coastal consultant to assess and potentially reduce the hazard limit.

Baird and Associates, an international coastal engineering firm, has carried out a dynamic beach assessment. The assessment refined and reduced the hazard in Reach 5.

The Information Night went well in terms of attendance and feedback. There are 47 households in the reach. 25 residents attended as well as city staff, builders and developers. Residents were very appreciative of the Conservation Authority's efforts to inform them on the science and recommendation. Excellent comments were received from residents and there was very good feedback regarding Best Management Practices on maintaining beach during higher lake levels.

Baird Coastal Engineer, Jennifer O'Grodnick, P. Eng. provided a presentation that was well received and is available on our website <https://www.scrca.on.ca/wp-content/uploads/2016/11/sarnia-dynamic-beach-presentation.pdf>

Next steps

The Conservation Authority and consultant will incorporate comments into the report and present to the Board of Directors in early 2017 for approval to incorporate into the Shoreline Management Plan.

Comments are to be received by December 2, 2016.



Prepared By: Tracy Prince
November 23, 2016

ST CLAIR REGION CONSERVATION AUTHORITY
Statement of Revenue and Expenditure
For the Ten Months Ended 31/10/2016

11.(i)

	Actual To Date			Annual Budget		Variance from Budget	
	Revenue	Expenditures	Surplus(Deficit)	Revenue	Expenditures	Revenue	Expenditures
Flood Control & Erosion Control	\$695,572	\$489,517	\$206,056	\$671,732	\$671,732	\$23,840	(\$182,215)
Capital Projects/WECI	\$192,632	\$23,879	\$168,753	\$171,100	\$171,100	\$21,532	(\$147,221)
Conservation Area's Capital Development	\$139,435	\$93,989	\$45,446	\$104,000	\$104,000	\$35,435	(\$10,011)
IT Capital	\$16,120	\$2,616	\$13,504	\$19,200	\$19,200	(\$3,080)	(\$16,584)
Equipment	\$70,900	\$26,390	\$44,510	\$72,000	\$72,000	(\$1,100)	(\$45,610)
Planning & Regulations	\$292,877	\$373,913	(\$81,037)	\$448,410	\$448,410	(\$155,533)	(\$74,497)
Technical Studies	\$380,363	\$171,620	\$208,743	\$262,623	\$262,623	\$117,740	(\$91,003)
Recreation	\$1,242,732	\$1,008,113	\$234,619	\$1,163,620	\$1,163,620	\$79,112	(\$155,507)
Property Management	\$233,345	\$199,391	\$33,955	\$285,500	\$285,500	(\$52,155)	(\$86,109)
Education and Communication	\$100,085	\$143,093	(\$43,008)	\$211,265	\$211,265	(\$111,180)	(\$68,172)
Source Water Protection	\$171,358	\$141,965	\$29,394	\$175,000	\$175,000	(\$3,642)	(\$33,035)
Conservation Services/Healthy Watersheds	\$824,824	\$644,548	\$180,277	\$583,650	\$583,650	\$241,174	\$60,898
Administration/AOC Management	\$677,614	\$694,492	(\$16,878)	\$1,173,063	\$1,173,063	(\$495,449)	(\$478,571)
	\$5,037,856	\$4,013,525	\$1,024,331	\$5,341,163	\$5,341,163	(\$303,307)	(\$1,327,638)

Notes:

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

ST. CLAIR REGION CONSERVATION AUTHORITY
Statement of Operations
AS AT October 31, 2016

	2016 Budget	2016	2015 Audit
Revenue			
Government Grants			
Section 39	310,000.00	310,003.00	310,003.00
Other	397,224.00	482,138.12	1,437,769.00
Municipal levies			
General	701,455.00	701,454.00	701,455.00
Other	329,020.00	195,130.00	572,090.00
Other Revenue			
Contributions	492,350.00	308,318.13	493,971.00
Miscellaneous	2,415,892.00	1,878,028.77	916,883.00
Interest	35,000.00	20,939.77	70,261.00
Conservation areas (Excluding Municipal Levy)	999,200.00	1,141,844.57	1,112,454.00
Transfers from reserves	-		0.00
Gain(loss) on disposal of assets			
General	-		
Unrealized gain (loss) on held-for-trading investments	-	-	8,215.00
Realized gain (loss) on held for trading investments		-	-
	<u>5,680,141.00</u>	<u>5,037,856.36</u>	<u>5,606,671.00</u>
 Expenditures			
Administration, Schedule 1	666,760.00	554,796.54	529,656.00
Capital development, Schedule 1	544,358.00	210,409.81	1,402,232.00
Operating, Schedule 2	2,439,244.00	2,040,814.99	2,371,917.00
Property management, Schedule 2	255,500.00	199,390.84	242,949.00
Conservation area maintenance, Schedule 3	1,134,320.00	1,008,112.89	1,113,076.00
	<u>5,040,182.00</u>	<u>4,013,525.07</u>	<u>5,659,830.00</u>
 Excess (deficiency) of revenues over expenditures before adjustments		1,024,331.29	- 53,159.00
 Adjustments for Tangible Capital Assets			
Acquisition of tangible capital assets		-	213,075.00
Amortization of tangible capital assets		-	554,161.00
Gain/(loss) on sale of tangible capital assets		-	22,922.00
Proceeds on sale of tangible capital assets		-	34,798.00
		<u>-</u>	<u>- 352,962.00</u>
 Excess (deficiency) of revenues over expenditures before adjustments		<u>-</u>	<u>1,024,331.29 - 406,121.00</u>

ST. CLAIR REGION CONSERVATION AUTHORITY
Statement of Financial Position
AS AT October 31, 2016

	GL 2016	Audit 2015
Financial Assets		
Cash and cash equivalents	3,356,595.10	3,601,489.00
Investments (note	2,083,118.71	1,957,456.00
Accounts receivable	137,973.97	344,944.00
Prepaid Expenses	20,872.61	10,019.00
Long-term investments	42,277.00	42,277.00
	<u>5,640,837.39</u>	<u>5,956,185.00</u>
Restricted Assets (Note)		
Restricted Shares	-	-
Forestry	11,742.19	11,742.00
RLSN	-	-
Kent	-	-
MSN	-	-
Rondeau	-	-
Downsizing	-	-
Cash and cash equivalents	11,742.19	11,742.00
Accounts receivable - Stewardship Programs	-	-
	<u>11,742.19</u>	<u>11,742.00</u>
Total Financial Assets	<u>5,652,579.58</u>	<u>5,967,927.00</u>
Financial Liabilities		
Accounts payable and accrued liabilities	132,909.27	162,575.00
Accounts payable and accrued liabilities - Stewardship Programs	-	0.00
Deferred revenue	1,099,679.31	1,385,411.00
Due to Stewardship Programs (Note & Statement)	-	-
Total Financial Liabilities	<u>1,232,588.58</u>	<u>1,547,986.00</u>
Net Financial Assets	<u>4,419,991.00</u>	<u>4,419,941.00</u>
Non-Financial Assets		
Tangible Capital Assets, net of accumulated amortization (Notes & Schedule)	64,963,899.35	19,212,695.00
Net Assets	<u>69,383,890.35</u>	<u>23,632,636.00</u>
Conservation Authority Position		
Reserves and reserve funds (Statement 2 & 3)	4,419,941.00	4,419,941.00
Net Tangible Capital Assets	64,963,899.35	19,212,695.00
Current Year Depreciation	-	-
Total Conservation Authority Position	<u>69,383,840.35</u>	<u>23,632,636.00</u>

**ST. CLAIR REGION CONSERVATION AUTHORITY
DISBURSEMENTS FROM Nov 1-22 2016**

**11.(ii)
Sarah Kellestine**

CHQ. #	DATE	VENDOR	DESCRIPTION	AMOUNT
18400	11/2/2016	Armtec Limited Partnership	Supplies	\$ 1,144.62
18401	11/2/2016	BATTLEFIELD EQUIPMENT RENTALS	Supplies	\$ 747.52
18402	11/2/2016	BF ENVIRONMENTAL CONSULTANTS	Black Creek Line - Drainage Work and Callahan Road Project	\$ 28,916.18
18403	11/2/2016	Bill Bouwma general Construction	Excavating	\$ 514.15
18405	11/2/2016	BUFFETT, TAYLOR & ASSOCIATES I	Group Benefits	\$ 11,900.70
18406	11/2/2016	Campbells Outdoor Power Equipm	Supplies	\$ 87.90
18407	11/2/2016	Canadian Linen & Uniform	Mats	\$ 40.44
18408	11/2/2016	CAPITAL COLOUR GRAPHICS INC.	Brochures	\$ 4,260.10
18409	11/2/2016	CENTRAL SANITATION	Portable toilets	\$ 406.80
18410	11/2/2016	Drumm, Nicole	Employee Expenses	\$ 118.09
18411	11/2/2016	ENVIRON INTERNATIONAL CORP.	Consulting Fees - St. Clair River	\$ 7,084.98
18412	11/2/2016	MELISSA GILL	Employee Expenses	\$ 576.92
18413	11/2/2016	The Independent	Subscription	\$ 50.00
18414	11/2/2016	J & S LAWN CARE	Lawn Maintenance	\$ 1,695.00
18415	11/2/2016	KEY CONTACT	Mailing	\$ 569.64
18416	11/2/2016	KLEEFMAN CLEANING SERVICES	Office Cleaning	\$ 440.70
18417	11/2/2016	LARRY MACDONALD CHEV OLDS	Vehicle Maintenance	\$ 118.54
18418	11/2/2016	Heather Long	Employee Expenses	\$ 166.67
18419	11/2/2016	Marshall's/Marbolt Tru Country and Garden	Supplies	\$ 94.86
18420	11/2/2016	McKenzie and Henderson Ltd	Gravel	\$ 992.05
18421	11/2/2016	SHARON NETHERCOTT	Employee Expenses	\$ 403.70
18422	11/2/2016	ONTARIO MINISTER OF FINANCE	Employer Health Tax	\$ 3,826.59
18423	11/2/2016	P J SEEDS	Modified Grass - MTO Project	\$ 141.25
18424	11/2/2016	PODOLINSKY FARM EQUIPMENT	Equipment Repair	\$ 460.22
18425	11/2/2016	PRAXAIR DISTRIBUTION, DIV OF P	Lease Renewal	\$ 286.91
18426	11/2/2016	PUROLATOR COURIER	Postage	\$ 58.57
18427	11/2/2016	Shannon Vending Limited	Meeting Supplies	\$ 109.90
18428	11/2/2016	SPEEDY GLASS (STRATHROY)	Vehicle Maintenance	\$ 523.19
18429	11/2/2016	ST. CLAIR REGION SOIL & CROP I	Advertising	\$ 100.00
18430	11/2/2016	STEELES AUTO WRECKERS	Lock Maintenance	\$ 50.00
18431	11/2/2016	STRATHROY WELDING AND REPAIRS	Handrail for trails	\$ 1,135.65
18432	11/2/2016	STRATHROY HOME HARDWARE BUILDI	Supplies	\$ 387.21

18433	11/2/2016 SUN MEDIA CORPORATION	Advertising	\$ 2,325.25
18434	11/2/2016 TOWNSHIP OF DAWN-EUPHEMIA	Utilities	\$ 142.50
18435	11/2/2016 WASTE MANAGEMENT OF CANADA COR	Garbage Collection	\$ 1,532.12
18436	11/2/2016 WATFORD HOME HARDWARE BUILDING	Supplies	\$ 271.61
18437	11/2/2016 WINKELMOLEN NURSERY LTD.	Trees	\$ 4,670.86
18438	11/2/2016 Wyoming Tree Service	Snow Removal	\$ 311.88
18439	11/2/2016 Brosco Concrete	McKeough Outlet crack repair	\$ 55,190.33
18440	11/4/2016 INS Software Canada Ltd	Contractor/Supplier Subscription	\$ 3,503.00
18441	11/16/2016 21 SHELL & VARIETY	Fuel	\$ 110.00
18442	11/16/2016 A. L. Lester Limited	Dust Control	\$ 2,486.00
18443	11/16/2016 BAIRD & ASSOCIATES	Consulting - Shoreline management plan	\$ 41,877.80
18444	11/16/2016 BRODIES LTD.LAWNCARE &PEST CTR	Pest Control	\$ 129.95
18445	11/16/2016 Brough, John	Septic System upgrade	\$ 4,000.00
18446	11/16/2016 Canadian Linen & Uniform	Mats	\$ 80.88
18447	11/16/2016 CENTRAL SANITATION	Portable toilets	\$ 565.00
18448	11/16/2016 STEPHEN CLARK	Employee Expenses	\$ 279.78
18449	11/16/2016 Delta Power Equipment Watford Division	Supplies	\$ 4.49
18450	11/16/2016 FOREST AGRI SERVICES LTD.	Pool Supplies	\$ 187.47
18451	11/16/2016 HAYTER-WALDEN PUBLICATIONS INC	Subscription	\$ 80.00
18452	11/16/2016 JOHNSTON BROS.(BOTHWELL) LTD.	Gravel	\$ 1,960.77
18453	11/16/2016 Kern Water	Ice - Camping	\$ 37.50
18454	11/16/2016 LAKESIDE GRAIN & FEED LTD.	Supplies	\$ 452.58
18455	11/16/2016 LANDSTRA CATERING	Meeting Expense	\$ 352.27
18456	11/16/2016 LOBLAW COMPANIES LIMITED	Meeting Expense	\$ 14.98
18457	11/16/2016 LOBLAW INC.	Gift Cards	\$ 2,375.00
18458	11/16/2016 MacKellar, David	Erosion Project	\$ 254.06
18459	11/16/2016 Jim Maw	Windbreak planting	\$ 750.00
18460	11/16/2016 NEOPOST CANADA LIMITED	Postage contract	\$ 620.87
18461	11/16/2016 Ogden, Erica	Uniform	\$ 71.19
18462	11/16/2016 PUROLATOR COURIER	Postage	\$ 58.98
18463	11/16/2016 GIRISH SANKAR	Employee Expenses	\$ 132.00
18464	11/16/2016 Sarnia RV Centre	Window repair	\$ 1,026.94
18465	11/16/2016 SOLINST CANADA LTD.	Levellogger Edge	\$ 794.07
18466	11/16/2016 SPEEDY GLASS (STRATHROY)	Vehicle Maintenance	\$ 84.75
18467	11/16/2016 STRATHROY WELDING AND REPAIRS	Cat Walk Repair	\$ 571.78
18468	11/16/2016 STRATHROY HOME HARDWARE BUILDI	Supplies	\$ 980.43
18469	11/16/2016 STRATHROY TIRE SALES & SERVICE	Winter Tire installation	\$ 565.00

18470	11/16/2016	SWISH MAINTENANCE LIMITED	Supplies	\$	260.53
18471	11/16/2016	VAN TUYL & FAIRBANK	Supplies	\$	18.51
18472	11/16/2016	WARWICK GAS & VARIETY	Fuel	\$	134.00
18473	11/16/2016	Ward, Ross J.	Phone Case	\$	35.00
18474	11/16/2016	MY BROADCASTING CORPORATION	Advertising	\$	224.87
18475	11/21/2016	BRIAN MCDOUGALL	Employee Expenses	\$	804.65

TOTAL CHEQUE DISBURSEMENTS - BANK #1 -

\$ 197,738.70

INTERNET BANKING Nov 1-22 2016

TRANS #	DATE	VENDOR	DESCRIPTION	AMOUNT
8540	11/22/2016	BELL CANADA	Telephone/Internet	\$ 16.55
8541	11/22/2016	BELL CANADA	Telephone/Internet	\$ 378.14
8542	11/22/2016	BELL MOBILITY CELLULAR	Telephone/Internet	\$ 67.80
8543	11/22/2016	BLUEWATER POWER	Utilities	\$ 141.36
8544	11/22/2016	Canadian Savings Bond	CSB Employee Contribution	\$ 200.00
8545	11/22/2016	ENTEGRUS SERVICES INC. (CHATHA	Utilities	\$ 1,070.37
8546	11/22/2016	Execulink Telecom	Telephone/Internet	\$ 861.41
8548	11/22/2016	HYDRO ONE Networks Inc.	Utilities	\$ 15,775.13
8549	11/22/2016	MASTERCARD	Employee Expenses	\$ 2,305.40
8550	11/22/2016	PETRO CANADA INC.	Fuel	\$ 2,993.22
8551	11/22/2016	RECEIVER GENERAL	Source Deductions	\$ 23,609.52
8552	11/22/2016	Rogers Cable Communications Inc	Telephone/Internet	\$ 194.30
8553	11/22/2016	ROGERS WIRELESS	Telephone/Internet	\$ 536.62
8554	11/22/2016	Sani - International Techonolgy Advisors Inc. - GIS Softwar	GIS Software	\$ 2,118.75
8555	11/22/2016	UNION GAS LIMITED	Utilities	\$ 40.02

TOTAL INTERNET DISBURSEMENTS - BANK NO. 1 -

\$ 50,308.59

PAYROLL RUNS

PAYROLL NO. 22	\$	63,600.89	
PAYROLL NO. 23	\$	63,155.91	
PAYROLL NO.			
PAYROLL NO.			
TOTAL PAYROLL RUNS -		<hr/>	\$ 126,756.80
TOTAL DISBURSEMENTS -			<u><u>\$ 374,804.09</u></u>

2016 GENERAL LEVY SUMMARY

GLYSUM2016
Sarah Kellestine
22-Nov-16

<u>MUNICIPALITY</u>	<u>GROSS LEVY</u>	<u>PAID TO DATE</u>	<u>OUTSTANDING</u>
Sarnia	\$ 277,949.00	\$ 277,949.00	\$ 0.00
Chatham-Kent	93,498.00	93,498.00	0.00
Brooke-Alvinston Twp.	11,145.00	11,145.00	0.00
Dawn Euphemia Twp.	17,020.00	12,765.00	4,255.00
Enniskillen Twp.	12,057.00	12,057.00	0.00
Lambton Shores M.	34,406.00	34,406.00	0.00
Oil Springs V	1,390.00	1,390.00	0.00
Petrolia T	17,032.00	17,032.00	0.00
Plympton-Wyoming T	35,855.00	35,855.00	0.00
Point Edward V	16,834.00	16,834.00	0.00
St. Clair Twp.	76,581.00	76,581.00	0.00
Warwick Twp.	14,176.00	14,176.00	0.00
Adelaide Metcalfe Twp.	11,938.00	11,938.00	0.00
Middlesex Centre Twp.	14,757.00	14,757.00	0.00
Newbury V	1,070.00	1,070.00	0.00
Southwest Middlesex M.	7,957.00	7,957.00	0.00
Strathroy-Caradoc M.	57,791.00	57,791.00	0.00
TOTAL	\$ 701,456.00	\$ 697,201.00	\$ 4,255.00

Page	Section	Section Title	Reason for Change	What has Changed	11.(iv)
2	TOC Sec. 43	Purchasing	Added	added "& Resource Commitment"	
6	5.2	Use of Authority Property	Typo	Space between words removed	
10	2	Seasonal Employees & Contact Employees	Typo	added "r" to Contract	
11	2.2.4	Seasonal Employees & Contact Employees	Revised	added , or as negotiated "... subject to amendment , or as negotiated. "	
11	2.2.7	Seasonal Employees & Contact Employees	Revised	added , unless grandfathered from another category or negotiated "... credits are not accumulated, unless grandfathered from another category or negotiated. "	
12	4	Hours of Work & Overtime	Spacing Typo	the General changed to ". the General Manager or Supervisor."	
13	2.1	Seasonal Employees	Removed sentence	Removed "Normal working hours unless otherwise directed is: Monday to Friday inclusive from 8:00 a.m. to 5:30 p.m."	
14	3.1.2 and 3.1.4	Extended Hours Policy	Typo	Removed ' after SDO.	
15	3.8.1	Monitoring	Typo	Removed extra . From end of sentence	
17	2.4	Summary of Benefits	Typo	designated changed to designate - "...Authority will designate a date ..."	
27	2.1	Hiring, Separation, Absences	Typo	three month changed to three-month - "...should serve a three-month period..."	
28	3.1	Hiring, Separation, Absences	Typo	time, due changed to time, due - "...time to time, due to....."	
33	7.1	Dismissals, ...Approval	Typo	of an changed to of an - "...dismissal of an employee..."	
37	8.1	Conventions and Seminars	Typo	Space between words removed	
37	8.1.2	Conventions and Seminars	Typo	one day changed to one-day - "... longer than one-day duration..."	

45	5.1	Vehicle Abstract	Typo	year or changed to year or - "...once a year or as required..."
46	6.1.4	Anti-idling	To be removed	"Authority employees shall not operate Authority vehicles through a drive thru." to be removed.
46	6.1.5	Anti-idling	Renumbering	Renumbered from 6.1.5 to 6.1.4 due to removal of Anti-idling (see above)
46	6.2.5	Anti-idling	To be removed	"Emergency Medical Services vehicles may idle on scene, provided the anti-theft system is engaged." to be removed.
48	3.5	Issue of Uniforms	Typos and change	Typos corrected and "...as well as a golf shirt or spring/fall coat per" removed.
48	3.6	Issue of Uniforms	Typos	Typos corrected
59	6.5.1.2	Performance Reviews	Typo	Typo corrected
62	1.3	General Policy	Typo	space between words removed
62	1.4	General Policy	Typo	Uppercase added to Policies and Procedures
64	1.2	Company Policy	Wording correction	therefore removed
65	3.2	Disciplinary Action	Typo	space between words removed
69	5.3	Definitions	Wording correction	Reworded to "...ought to be known as unwelcomed."
69	5.6	Definitions	Wording correction	Department Managers changed to "Directors"
75	10.3.1	What is considered workplace Violence	Wording correction	Commas added and personal changed to person.
80	1.2.1	Downsizing	Typo	Typo corrected
87	2.10	Health & Safety	Typo	Space between words removed
89	4.10	Health & Safety Committee	Typo	Space between words removed
92	General	Record Retention Schedule	Added	" Transitory Records (examples: Drafts, Voicemail, Post-it notes, Notebooks, Paper Calendars etc.) " - Retention Perior " At Discretion of individual employee "

98	5, 5.1, 5.2, 5.3	Healthy Meetings	Removed	NA
99	1.2.6	Mandate, Committees and Directors	Typo	Space between words removed
100	1.2.10 & 1.2.12	Mandate, Committees and Directors	Typo	Space between words removed
119	3.5	Accountability and Transparency	Typo	Space between words removed
120	4.2	Policy Overview	Typo	Space between words added
121	5.3.2	Public Participation and Information Sharing	Typo	Space between words removed
130	37	Authority Owned Cell..	Typo	Typo corrected
138	4	Building Closure	Typo	Typo corrected
138	5	Building Closure	Typo	Typo corrected
151	7	Social Media Policy	Typo	comma added after "However, ...
157	43	Purchasing	Added	Heading changed from Purchasing to "Purchasing & Resource Commitment"
157	1.2	Purchasing Policies	Added	Heading changed to Purchasing & Resource Commitment Limits and Authorization
165	Appendix	Appendix	Added	"Designated Staff Authorized to Purchase Goods or Services, and Commit Resources "

Staff Report

11.(vii)



To: Board of Directors
Date: November 24, 2016
From: Tracy Prince, Director of Finance
Subject: Disposal of Non-functional, Non-essential and Surplus Equipment

This surplus equipment has no value, and will be delivered to an e-waste facility.

- Panasonic Fax Machine - obsolete
- HP 15136 MFP Laser Printer – non-functional
- HP LaserJet 2100 – non-functional
- HP LaserJet P100J – non-functional
- Linksys WRV200 Wireless Router – non-functional
- LG 19" LCD monitor – non-functional
- Cisco 24-port Gigabit Switch – non-functional
- Dell PowerConnect 16-port switch – non-functional
- Acer Aspire Desktop computer – obsolete (no hard drive)
- HP Compaq Desktop computer – obsolete (no hard drive)
- 2 – Custom PC's (Superior) – non-functional

For the period ending **October 31, 2016**
Date of last statement: September 30, 2016
Primary account: 440-17189

04706



ST. CLAIR REGION
CONSERVATION AUTHORITY
205 MILL POND CRESCENT
STRATHROY ON N7G 3P9



Your Investment Advisor:
JONATHAN BATCH

Phone: 519-646-3044
Batch Investment Group
www.batchinvestmentgroup.com
Assistant: Sharon Tingley
sharon.tingley@nbpcd.com
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One London Place
255 Queens Avenue
London, ON N6A 5R8
Branch Manager:
DAVID HAAK
Phone: (519) 672-8560



Account overview

Canadian dollar account

440-17189-13 Cash 17189

Market value

1,392,884.79

This month **1,392,884.79**
Last statement 1,392,884.79

Grand total in Cdn\$ **This month** **1,392,884.79**
Last statement 1,392,884.79

You can access your up-to-date account information online through BMO Nesbitt Burns Gateway at:

<https://gateway.bmonesbittburns.com>
If you have not yet registered for Gateway access, please contact your Investment Advisor.

Important: Please Read

Please examine this statement carefully. Report any accounts not on this statement and any differences or omissions to our auditors.

KPMG LLP
Bay Adelaide Centre
333 Bay Street, Suite 4600
Toronto, ON M5H 2S5
Attn: Garrett Van Zant
Fax: (416) 777-8818

Bulletin board

Convert to eStatements.

Stay organized, save time and eliminate clutter by opting to receive your monthly statements electronically. Your eStatements are also accessible online for up to seven years after the statement was originally printed.

To turn off your paper statements, log on to <https://gateway.bmonesbittburns.com>.

The US/CDN conversion rate is: 1.3411, as of October 31st.

JTA0796334-0018821-04706-0002-0001-00-

F84000-ROLL (02/16)

Canadian dollar account

Summary of your investments

	Cash 17189 account Market Value (CDN currency)	% Invested by Asset Class
Cash & short-term investments		75%
Cash	4.79	
Long Positions	1,042,880.00	
Fixed income & related securities		25%
Long Positions	350,000.00	
Total value of your investments	1,392,884.79	100%

Summary of income and expenses

	This month's income	This month's expenses	Year-to-date income	Year-to-date expenses
Dividends	0.00	0.00	0.00	0.00
Interest	0.00	0.00	13,705.11	0.00
Total	0.00	0.00	13,705.11	0.00

Details of your investments

Cash & short-term investments

Account type	Description	Quantity	Average cost	Total cost (CDN currency)	Market price	Total market value (CDN currency)
Cash	Cash balance as of October 31			4.79		4.79
Cash	BANK OF MONTREAL GIC 30 DAY CASHABLE ANNUAL DUE 05/15/2017 0.850%	200,000	100.000	200,000.00	100.000	200,000.00
Cash	BANK OF MONTREAL MORTGAGE GIC 30 DAY CASHABLE ANNUAL DUE 05/15/2017 0.850%	100,000	100.000	100,000.00	100.000	100,000.00
Cash	BMO TRUST GIC 30 DAY CASHABLE ANNUAL DUE 05/15/2017 0.850%	137,000	100.000	137,000.00	100.000	137,000.00
Cash	HOME TRUST COMPANY GIC ANNUAL DUE 05/15/2017 1.800%	100,000	100.000	100,000.00	100.000	100,000.00
Cash	HOMEQUITY BANK GIC ANNUAL DUE 05/15/2017 1.650%	50,000	100.000	50,000.00	100.000	50,000.00
Cash	PEOPLES TRUST GIC ANNUAL DUE 05/15/2017 1.800%	100,000	100.000	100,000.00	100.000	100,000.00
Cash	HSBC BANK OF CDA GIC ANNUAL DUE 08/16/2017 1.400%	50,000	100.000	50,000.00	100.000	50,000.00

Details of your investments continued on next page

For the period ending **October 31, 2016**
Primary account: 440-17189

Details of your investments continued

Cash & short-term investments

Account type	Description	Quantity	Average cost	Total cost (CDN currency)	Market price	Total market value (CDN currency)
Cash	ROYAL BANK OF CDA GIC ANNUAL DUE 08/16/2017 1.400%	100,000	100.000	100,000.00	100.000	100,000.00
Cash	VANCITY GIC ANNUAL DUE 08/16/2017 1.400%	100,000	100.000	100,000.00	100.000	100,000.00
Cash	BANK OF MONTREAL GIC 30 DAY CASHABLE ANNUAL DUE 09/13/2017 0.850%	105,880	100.000	105,880.00	100.000	105,880.00
Total - cash & short-term investments				1,042,884.79		1,042,884.79

Fixed income & related securities

Fixed income

Account type	Description	Quantity	Average cost	Total cost (CDN currency)	Market price	Total market value (CDN currency)
Cash	CANADIAN WESTERN BANK GIC ANNUAL DUE 05/13/2019 2.200%	100,000	100.000	100,000.00	100.000	100,000.00
Cash	EQUITABLE BANK GIC ANNUAL DUE 05/13/2019 2.200%	100,000	100.000	100,000.00	100.000	100,000.00
Cash	HOMEQUITY BANK GIC ANNUAL DUE 05/13/2021 2.220%	50,000	100.000	50,000.00	100.000	50,000.00
Cash	PRESIDENT'S CHOICE BANK GIC ANNUAL DUE 05/13/2021 2.360%	100,000	100.000	100,000.00	100.000	100,000.00
Total - fixed income				350,000.00		350,000.00
Total - fixed income & related securities				350,000.00		350,000.00

Total of your investments **1,392,884.79** **1,392,884.79**

JTA0796334-0018823-04706-0002-0002-00-

F84000-ROLL (02/16)

Other important information

About this statement

Please let us know within 45 days if any item(s) on this report is incorrect. You can contact your Investment Advisor or the BMO Nesbitt Burns Client Information Centre at 416 594-5920 or toll free at 1 888 769-4444. We may change the amounts on this report if we have omitted an item or if any numbers are incorrect.

Please let your Investment Advisor or Branch Manager know if your investment objectives or your financial situation has changed so we can ensure that you are on track to meet your investment objectives.

BMO Nesbitt Burns makes no guarantee for the accuracy of this information within this statement, including the average cost on individual securities. BMO Nesbitt Burns is not liable for any errors or omissions in this information.

The Average Cost and Total Cost for long positions incorporates the book cost of your investment, comprised of, the total amount paid, transaction charges, commissions and fees, adjusted for any corporate actions, reinvested distributions and return of capital. The Average Cost and Total Cost for short positions incorporates the book cost of your investment comprised of the total amount received, net of any transaction charges, commissions and fees, adjusted for distributions (other than dividends), returns of capital and corporate actions. Book cost on transferred in securities reflects the book cost provided by the transferring institution, or if not provided, the market value on the date of the transfer.

Legend of Average Cost indicators

M - Market Value information was used to estimate part or all of the Average Cost for this security position.

N/D Average Cost for this security holding cannot be determined.

O - Market Value information as of October 2, 2015 was used to estimate part or all of the Average Cost for this security position.

BMO Nesbitt Burns Inc. acted as principal in all transactions shown in this statement with the symbol "‡" in the "Description" column. In all other transactions, BMO Nesbitt Burns acted as agent.

A free credit balance represent funds payable on demand which, although properly recorded in our books, are not segregated and may be used in the conduct of our business. All security positions displayed are segregated unless otherwise indicated. Should there be a security in which the account holds a portion of the quantity segregated and a portion registered in your name, this will be indicated under the security description column.

A copy of our most recent statement of our financial condition and a list of directors and senior officers are available on request. Clients in British Columbia are entitled to certain information

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"Nesbitt Burns" is a registered trade-mark of BMO Nesbitt Burns Inc.

A member of BMO Financial Group.

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about BMO Nesbitt Burns, including information about commission and fees, and any administrative proceedings that may relate to the firm and its staff. For Related and Connected Issuer and Conflicts of Interest Statement, please visit our website: http://www.bmo.com/nesbittburns/about/nb/bmonb/regulatory_documents/conflicts_of_interest.

Prices of the securities in your accounts

We strive to provide accurate and current prices for securities. However, because we use numerous information sources for pricing, we cannot guarantee pricing accuracy for securities. Please call your Investment Advisor for the most current prices.

Legend of Market Price indicators

E- There is no active market for this security so we have estimated its market value.

N- We are unable to obtain a reliable market value for the security. Therefore, in accordance with our standard practice, the market value of the security is not determinable and has been set to zero. This does not mean that the security does not have a value but only that a value cannot be assigned at this time.

Deferred Sales Charge

Securities with 'Deferred Sales Charge' in the security description may be subject to deferred sales charges when sold.

Registered accounts

The trustee for registered accounts is BMO Trust Company.

Investor protection

For non-registered and registered plan accounts, the Canadian Investor Protection Fund protects cash and securities held with BMO Nesbitt Burns Inc. within specified limits. For Preferred or Preferred Plus accounts, deposits in your Canadian dollar bank account with Bank of Montreal are insurable under the Canada Deposit Insurance Corporation Act. Deposits in your U.S. dollar bank account with Bank of Montreal are not insurable under the Act and are not insured by the Canadian Investor Protection Fund. Your securities are protected under the Canadian Investor Protection Fund. Brochures describing the types and limits of coverage are available at your request.

Insurance products

All insurance products, including segregated funds, are offered through BMO Nesbitt Burns Financial Services Inc. by licensed life insurance agents, and, in Quebec, by financial security advisors.

Sales Tax information

The GST/HST registration number for BMO Nesbitt Burns Inc. is 103854261RT.

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Account Number: **460-16010**
 Account Type: Regular Account
 For the Period: **October 1 to 31, 2016**
 Last Statement: September 30, 2016

ST. CLAIR REGION CONSERVATION
 AUTHORITY
 205 MILL POND CRES
 STRATHROY ON N7G 3P9

Address Information

148 Fullarton Street
 Suite 1801
 London ON
 N6A 5P3



Phone: (519) 679-9490
 Website: www.scotiawealthmanagement.com
 Branch Manager: Matt Berry





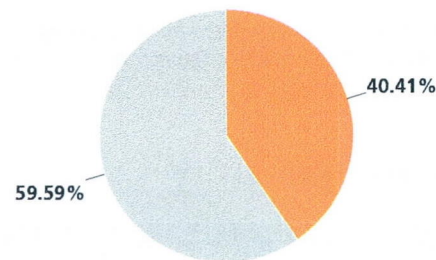
Your Wealth Advisor

Craig Emptage (519) 660-3259
craig.emptage@scotiawealth.com

CANADIAN Account Overview

Currency: CANADIAN DOLLAR

Asset Class Summary	Oct. 31, 2016 Market Value	% of Total Assets
 Fixed Income	295,937	40.41
 Other	436,371	59.59
Total Value of Account	\$732,308	100.00
Total Value on Last Statement, September 30, 2016	\$736,245	



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Details of Your Account Holdings

Type	Security Description	Quantity	Average Cost	Adjusted Book Value	Market Price	Market Value
Fixed Income						
CASH	MANULIFE STRATEGIC INCOME FUND CL F NL (659) See Endnote 1	5,651.711	12.777	72,212	13.088	73,970
CASH	PIMCO MONTHLY INCOME FUND (CANADA) CL M (505) See Endnote 1	15,416.492	14.511	223,710	14.398	221,967
Total Fixed Income						\$295,937
Other						
CASH	MACKENZIE GLOBAL TACTICAL INVESTMENT GRADE BD FD SERIES PWF (6526) See Endnote 1	21,526.222	9.994	215,145	10.130	218,061
CASH	SIGNATURE CANADIAN BOND CORP CLASS EF NL (15137)	20,991.394	10.294	216,092	10.400	218,310
Total Other						\$436,371
Total Account Holdings				\$727,159	\$732,308	

The average cost and adjusted book value displayed on this statement incorporates re-invested dividends and/or mutual fund distributions and does not necessarily reflect your original purchase price. Please see Average Cost & Adjusted Book Value in the Statement Notes for more information.

Monthly Activity

Date	Type	Activity	Description	Quantity	Price	Credit/Debit(-)
Opening Cash Balance						\$0.00
Oct. 03, 2016	CASH	DIVIDEND	MANULIFE STRATEGIC INCOME FUND CL F NL (659) REINVEST 09/30/16 @ \$13.1591 PLUS FRACTIONS OF 0.686 BOOK VALUE \$206.41	15		
Oct. 03, 2016	CASH	DIVIDEND	PIMCO MONTHLY INCOME FUND (CANADA) CL M (505) REINVEST 09/30/16 @ \$14.4140	54		

Monthly Activity - continued

Date	Type	Activity	Description	Quantity	Price	Credit/Debit(-)
			PLUS FRACTIONS OF 0.938 BOOK VALUE \$791.87			
Oct. 17, 2016	CASH	FEE	MPP MANAGED PORTFOLIOS GST/HST 86817 6249 RT0001 QST/TVQ 1019148099 TQ0001 TID#0110F000106492 TID#0110F000106492			-1,462.72
Oct. 24, 2016	CASH	SELL	MANULIFE STRATEGIC INCOME FUND CL F NL (659) PLUS FRACTIONS OF 0.271 SOLICITED	-111	13.1456	1,462.72
Oct. 24, 2016	CASH	DIVIDEND	MACKENZIE GLOBAL TACTICAL INVESTMENT GRADE BD FD SERIES PWF (6526) REINVEST 10/21/16 @ \$10.1516 PLUS FRACTIONS OF 0.473 BOOK VALUE \$268.75	26		
Oct. 31, 2016	CASH	DIVIDEND	MANULIFE STRATEGIC INCOME FUND CL F NL (659) REINVEST 10/28/16 @ \$13.0875 PLUS FRACTIONS OF 0.785 BOOK VALUE \$180.41	13		

Closing Cash Balance

\$0.00

Summary

Income Summary

	This Period	Year-to-Date
Total Income	\$0	\$0



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To learn more about the ScotiaMcLeod services and features available through **Scotia Online**, please contact your advisor or member of their team.

A Note From ScotiaMcLeod

Auditor's Message

Our auditors, KPMG LLP, are presently engaged in the examination of our year-end financial statements. Please compare this statement against your records and advise our auditors of any discrepancies: Shareholders' Auditors, Attention: SCI Audit Team, Bay Adelaide Centre, 333 Bay Street - Suite 4600, Toronto, ON, M5H 2S5, Canada, fax at (416) 777-8818 or email: sciconfirm@kpmg.ca.

Terms and Conditions

Terms and Conditions are applicable to your account(s). For further details of these terms and conditions go on-line or speak to your Investment Advisor. <http://www.scotiabank.com/ca/common/pdf/scotiamcleod/TandC.pdf>

Average Cost & Adjusted Book Value

Adjusted book value is average cost times the number of shares that you hold of a security. The average cost and adjusted book value displayed on this statement may represent: 1) your total cost, including commission and fees, of acquiring the security, 2) the value at the time the security was transferred into the account, 3) the effect of subsequently re-invested dividends and/or mutual fund distributions, 4) revisions as a result of security reorganizations and other corporate actions, 5) values which you have provided and requested that we reflect, or a combination of the foregoing. A statement message will advise you that an adjustment has been made in the month it occurs. This information has been calculated to the best of our ability unless provided by you. This information should not be used for the purposes of tax reporting.

Statement Frequency

Statements are issued whenever there has been activity in the account during the past month; otherwise statements are issued on a quarterly basis.

Relationship with TMX Group Limited

Scotia Capital Inc. (or an affiliate thereof) owns or controls an equity interest in TMX Group Limited ("TMX") (and has a nominee director serving on the board thereof). As such, Scotia Capital Inc. may be considered to have an economic interest in the listing of securities on an exchange owned or operated by TMX, including the Toronto Stock Exchange, the TSX Venture Exchange and the Alpha Exchange. No person or company is required to obtain products or services from TMX or its affiliates as a condition of Scotia Capital Inc. supplying or continuing to supply a product or service.

Leverage / Margin Risk Disclosure Statement

The use of leverage may not be suitable for all investors. Using borrowed money (whether through a margin account or any other method of borrowing) to finance the purchase of securities involves greater risk than using cash resources only. If you borrow money to purchase securities, your responsibility to repay the loan and pay interest as required by its terms remains the same even if the value of the securities purchased declines.

Wealth Advisor Information

Details of the individual representative who accepted your order(s) are available upon request. Please contact the Branch Manager.

Cash Balances

This section shows the balance in your account, including all transactions that have settled. A debit balance is indicated by "-" and represents an amount owed to Scotia Capital Inc. ("ScotiaMcLeod"). Free credit balances in Regular accounts represent funds payable on demand which, although properly recorded in our books, are not segregated and may be used in the conduct of our business. Cash balances in Registered accounts are held in trust by the trustee.

Asset Class Summary

Asset classes you hold will be displayed under the Asset Class Summary section in the statement. Only the asset classes of securities you hold in your account will be displayed on your statement. The classification "Other" includes Principal Protected Notes, Principal at Risk Notes, and some Exempt Market products. Please speak directly with your Wealth Advisor to ensure you understand the products held in your account. The term "Total Value of Account" refers to the total market value of priced securities within your account, by currency, including cash balances at the close of the date indicated.

Income Summary (Regular Accounts Only)

Dividend and/or interest income that has been credited to your account this month and year-to-date are summarized in this section. Accrued or deemed interest on debt or discount securities purchased or sold is not included.

Payment Information (RIF and LIF Accounts Only)

The information displayed reflects our records as of the statement date. Minimum Annual Payment refers to the minimum annual amount required from your RRIF account by Canada Revenue Agency. If, according to our records, you have elected to receive an annual amount greater than the minimum payment, then this amount will be displayed as the Elected Payment Amount. Withholding tax will be charged for amounts withdrawn in excess of the Minimum Annual Payment. The Year to Date Payment amount displayed is the total amount of the payments sent to you, after withholding tax has been deducted, if applicable.

Monthly Activity

This section shows all the activity in your account during the month. The Date column refers to the settlement date in the case of executed trades, or processing date in the case of other entries. Direct Funds Transfers made to your account on the last business day of the month may not appear on your month end statement until the following month.

Short Account

Proceeds from declared short sales have been segregated into a SHORT account and market increases and/or decreases from the original sale price are marked to the market. Such increases and or decreases are transferred to your margin account weekly. Transfers are reflected with the description "Mark to Market."

Details of Your Account Holdings

The market valuation information has been obtained from sources believed to be reliable; however, we cannot guarantee their accuracy. Our best efforts have been made to price all securities; however, in some circumstances, we may be unable to obtain valuations. A current market quotation can be made available upon request.

Segregated Quantity

Securities regulations stipulate that all fully paid and excess margin securities must be promptly segregated and are not available for use in the general conduct of our business. All security positions displayed under the account holdings section are segregated unless otherwise indicated. Should there be a security in which the account holds a portion of the quantity segregated and a portion registered in your name, this will be indicated under the security description column.

Remuneration for Order Flow

In connection with certain trades in securities that are executed for you in the U.S. marketplace, ScotiaMcLeod will receive remuneration for directing orders to a particular broker-dealer or market center for execution. The source and amount of any such remuneration received by ScotiaMcLeod in connection with any transaction executed on your behalf shall be disclosed to you upon request.

Member - Canadian Investor Protection Fund

Client accounts are protected by the Canadian Investor Protection Fund within specified limits. Further information describing the nature and limits of coverage is available from ScotiaMcLeod upon request.

Endnotes

1. There has been an adjustment made to this book value during the statement period.
2. There is no active market for this investment, and therefore the market value has been estimated.
3. There is no active market for this investment, and the market value cannot be determined.
4. If this position is sold, a sales charge may be applied to the proceeds.
5. Some or all of the book value of this position has been determined using a market value calculation.
6. The book value of this position cannot be determined.

Other Information

Employees of The Bank of Nova Scotia ("Scotiabank") and/or ScotiaMcLeod are not authorized to provide tax or legal advice. Please consult your accountant or lawyer on such matters.

The financial statement of Scotiabank and Scotia Capital Inc. as at the close of the last financial year and a current list of directors and officers will be furnished upon request. Clients in British Columbia are entitled to certain additional information about ScotiaMcLeod, including information about commissions and fees that we charge, and about any administrative proceedings that may relate to the firm or its staff.

This statement reflects all obligations of the firm to you. Please examine this statement of account promptly. Any errors or omissions or unauthorized discretionary transactions must be reported in writing within 60 days as of the date of this statement to: Director, Compliance Department, 1 Adelaide Street East, 7th floor, Toronto, Ontario, Canada M5C 2V9 or you will be precluded from asserting that errors or omissions have occurred.

T: 1-800-377-0065 F: 416-350-3088
em: scotiamcleodcomplaints@scotiabank.com

Code Information

Code:	Nonvot	Resvot	Subvot
Definition:	Non-voting	Restricted Voting	Subordinate voting

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