



Board of Directors - Notice of Meeting
December 14th - 10:00 a.m.,
Administration Office, Strathroy

Tentative Agenda

1. Chair's Remarks
2. Declaration of Pecuniary Interests
3. Board of Directors November 9, 2017 Minutes
4. General Manager's Report
 - (i) GM's Report
5. Chair & Conservation Ontario Report
 - (i) Verbal Summary of CO December 11, 2017 Meeting
6. Business Arising from last meeting
7. Conservation Area Reports
 - (i) Conservation Areas Update
 - (ii) Coldstream Conservation Land Activities Update
8. Water Resources Reports
 - (i) Current Watershed Conditions and Flood Threat
 - (ii) Tender Results for Phase 1 Courtright Waterfront Park Shoreline Improvements
 - (iii) Tender Results for Phase 1 Brights Grove – Kenwick St to Helen Ave
9. Biology Reports
 - (i) Healthy Watershed Program Outreach Update
10. Planning and Regulations Report
 - (i) Planning Activity Summary Report
 - (ii) Regulations Activity Summary Report
 - (iii) Interest Article
 - (iv) Planning Procedural Manual and Technical Guidelines Committee November 28, 2017 Meeting Update
11. Finance Reports
 - (i) Joint Health & Safety Committee September 27, 2017 Minutes
 - (ii) Revenue and Expense Summary
 - (iii) November 2017 Disbursements
 - (iv) 2017 General Levy Summary
 - (v) Investment Analysis and Reports
 - (vi) Draft Statement of Operations
 - (vii) Changes to Administration Manual
 - (viii) 2018 Proposed Budget and Non-Matching General Levy
 - (ix) 2018 Proposed Budget and Matching General Levy
 - (x) Disposal of nonessential and surplus equipment

12. In-Camera
13. New Business
14. Adjournment

Please contact Ashley (519-245-3710/ 1-866-505-3710 x 200 or e-mail Afletcher@scrca.on.ca) at the Administration Office by December 11, 2017, if you are unable to attend.

3. (i)

November 9, 2017

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

Present: Steve Arnold, Chair; Andy Bruziewicz, Vice Chair; Alan Broad, Tony Bruinink, Norm Giffen, Larry Gordon, Mike Kelch, Betty Ann Mackinnon, Kevin Marriott, John McCharles, Dan McMillan, Steve Miller, Frank Nemcek, Gerry Rupke, Cindy Scholten, Jeff Wesley, Muriel Wright

Regrets: Joe Faas, Don McCallum, Jerry Westgate

Staff Present: Brian McDougall, General Manager; Kevan Baker, Director of Lands; Erin Carroll, Manager of Biology; Dallas Cundick, Environmental Planner/ Regulations Officer; Nicole Drumm, Communication Technician; Chris Durand, IT/GIS Coordinator; Ashley Fletcher, Administrative Assistant/ Board Coordinator; Patty Hayman, Director of Planning; Erica Ogden, Planner; Tracy Prince, Director of Finance; Girish Sankar, Manager of Water Resources; Steve Shaw, Manager of Conservation Services

Guests Present: Stephen Burt, Analee Ferreira, Kevin Gelinis, Lesley Gelinis, Tim Price, Jennifer Burbidge (excused self at 10:30 a.m.)

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

Minutes of the September 21, 2017 Board of Directors meeting were reviewed.

Bruinink-Scholten

BD-17-134

That the minutes of the Board of Directors meeting, held September 21, 2017, be approved as distributed.

CARRIED

Ontario Bill 139 - the Building Better Communities and Conserving Watersheds Act

- After seconding reading, Bill 139 has been referred to the Standing Committee on Social Policy
- On October 17th, Conservation Ontario staff and the GM of Halton Conservation presented the following comments for discussion with the Standing Committee

- PART VII ENFORCEMENT AND OFFENCES
 - 1) Commencement of Part VII Enforcement and Offences Provisions within Three Months
 - 2) Amendment to the Appeal Process for Stop Orders
 - 3) Additional Modernized Provisions
 - i) Order to Comply /Take Remedial Action
 - ii) Court Orders on Title Following Conviction
 - iii) Appointment of peace officers
- PART IV MEMBERSHIP AND GOVERNANCE
 - Updating requirements for Authority by-laws and improved transparency and effectiveness of Board operations
- REQUEST NEW CLAUSE
 - Liability Protections for CAs Operating Flood and Erosion Control Infrastructure in Good Faith on Behalf of the Province
 - That a clause be added to the Act with respect to flood and erosion control liability to protect conservation authorities operating in good faith.
- PART V OBJECTS, POWERS AND DUTIES
 - This request is to provide clarity and avoid possible restrictions on the role of conservation authorities in climate change mitigation concerning energy conservation, emission reductions, etc. around various voluntary programs.
- It is anticipated that the Standing Committee on Social Policy will take approximately 6 days of meetings to review Bill 139
- We have been advised by the Minister that she expects final reading of the Bill prior to the Christmas recess

Lambton Children's Safety Village

- Assessments are being made regarding the availability to accommodate the changes required for hydro and septic service. Findings of which are expected to be available for review at the Dec 14 2017 Board of Directors meeting.

Giffen-McMillan

BD-17-135

That the Board of Directors acknowledges the General Manager's report, dated October 30, 2017.

CARRIED

Marriott-Gordon

BD-17-136

That the Board of Directors acknowledges the September 25, 2017 meeting minutes of Conservation Ontario.

CARRIED

- (RE: BD-17-105) Summary requested from Kevan Baker, Director of Lands outlining the number of notices issued to unpaid vehicles including both paid and outstanding
 - Tickets were provided, however tracking system was not in place. Blue tickets were issued to vehicles who had paid and yellow tickets were issued to vehicles who had not paid. This was consistent with other Conservation Authorities using the McKay Pay system. Staff estimate that 1 in 3 boats and 1 in 10 cars paid. In 2018, we are looking to work with the local municipality to issue parking tickets under their parking by-law to vehicles who do not pay.
- (RE: BD-17-124) Subcommittee for the Planning and Regulations Manual to ensure that the development of the document includes consultation with Municipal Planners as well as feedback sought from Development Community.
 - *To be added to consultation plan*
- Report requested from Girish Sankar, Manager of Water Resources comparing current water levels to previous years up to and including 1985.
 - *To be handed out at meeting*
- Report from Patty Hayman, Director of Planning on Jennifer Burbidge delegation and request of SCRCA under O. Regulation 171/06.
 - *Refer to Item 11 (ii)*
- As the SCRCA moves toward reducing our environmental footprint in the workplace, Board Packages have been made available online. For each board package not printed, this saves an average of 64 pieces of paper. The Board of Directors have been asked to sign for their preferred format and current preferences are as follows: Electronic – 9, Printed copy – 6, Not yet signed - 5
 - In addition to environmental benefits, moving to an electronic format also leads to cost savings. The average cost for producing and shipping each package is \$11.47, which currently equates to \$126.17 per month.
 - Should Directors have questions regarding the electronic format or wish to make a change to their preference, please see Ashley Fletcher

Kelch-McKinnon

BD-17-137

That the Board of Directors acknowledges the updates on business arising from the September 21, 2017 Board of Directors meeting.

CARRIED

Conservation Areas:

- The Conservation Authority owns 15 conservation areas and manages 17 properties for the Foundation
- Of those 15 conservation areas, 6 are managed by the local municipality and 9 are operated by the Conservation Authority
- Of these 9, 3 conservation areas are regional campgrounds which attract campers from primarily Southwestern Ontario
- Our three regional campgrounds have over 500 campsites and 418 seasonal campers and are financial self sufficient
- Profits obtained from our campgrounds are used to offset capital improvements

Camping Statistics:

- 418 full, half and quarter seasonal campers have registered in our 3 campgrounds, down from 421 in 2016. 190 seasonal campers are registered at Warwick (191 in 2016), 121 at LC Henderson (123 in 2016) and 107 at A.W. Campbell (107 in 2016).
- Our 3 regional campgrounds have been busy this year, gross revenues to the end of September are \$ 1,159,000 (up 3 %), and net revenues are up 19% (seasonal camping up 2 % to \$824,000; overnight camping up 3% to \$218,000; and pump-out up 5% to \$38,000.00)

Warwick Conservation Area

- A 24 x 32 ft pole type storage shed has been constructed
- Engineered wood chip playground protective surfacing has been installed under the main day use area play equipment
- The hydro panel at the pool washroom was upgraded
- Hydro and water has been installed to two overflow campsites in the woodlot campground
- Woodlot campground laundry shed has been renovated with new appliances, flooring and plumbing
- 550 meters of chip and dust trail has been developed around the perimeter of the 5-acre climate change tree growth plantation (Foundation).

- LED exterior lighting has been installed on two of the washroom buildings

L.C. Henderson Conservation Area

- One shower area has been upgraded with new shower surround and ceramic tile on the floor and walls
- A new sidewalk has been installed in front of the shower area
- Two new hydro panels have been installed, one in the main washroom building and one in the campground area
- LED lighting have been installed on the main washroom building and on 2 utility poles
- Weir surfacing has been improved with erosion control matting and gravel surfacing (WECI)
- New carpet and 4 x 4 side railings have been installed on the mini put golf course
- 25 trees and shrubs have been planted

A.W. Campbell Conservation Area

- A new concrete side walk has been constructed at the pool washroom and visitor center
- Permanent hydro (6 – 30 amp campsites) has been installed at the Campbell house group camp area
- Water distribution pump house has been renovated with new internal and external siding and new internal plastic water lines
- Upgrades have been completed at the main campground washroom (new concrete sidewalk) and at the gatehouse and entrance area (new signage and fee box)
- A weather station has also been installed on the property (Water Resources Department)
- 30 trees and shrubs have been planted (Bingo)

Keith McLean Conservation Lands (Foundation Property):

- a new floor has been installed in the Kent Bridge Road pump house
- a trail identification sign has been installed at the main parking lot
- A tower agreement has been negotiated with Xplornet, the tower will be installed on Kent Bridge Line this fall
- The first Denning's Memorial Forest dedication was held on the property on Sunday, September 17th; over 60 people attended

Other Lands Activities:

- A 5-year tower lease has been negotiated with Cogeco Connexion Inc. for the existing tower & building (Peers Wetland CA)

- A 3-acre wetland has been constructed at property 97 in the McKeough Upstream Lands; this included a 2 acre pond and 1,000 hardwood trees (funded by Union Gas and Wildlife Habitat Canada)
- Approximately 680 meters of randomized tile drainage has been installed on 2 McKeough Upstream agricultural properties.
- 2 benches have been installed along the trail at the Peers Wetlands (benches donated by Sydenham Field Naturalists)
- 4 tennis courts were constructed with asphalt surfacing and new fencing - Esli Dodge Conservation Area (project of Lambton Shores)
- Clark Wright - Sun-Canadian Pipeline has completed extensive tree clearing on their easement within the Conservation Area; trails have been re-organized to direct the public away from the easement and the adjacent private property
- Bridgeview – 2 oil wells have been decommissioned (MNR funded)
- Staff planted 72 hardwood trees on authority lands as part of the memorial tree planting program (Foundation)

Miller-Nemcek

BD-17-138

That the Board of Directors acknowledges the Conservation Lands Update, dated October 24, 2017 on Conservation Areas, Foundation, and McKeough Lands including capital projects, facility improvements and camping trends in 2017.

CARRIED

Watershed Stream Flow

- An overview of precipitation and the associated flow over the summer and into fall activity indicates a larger number of rain events in June, July and August increasing flows slightly during these months above seasonal numbers and higher than 2016 for the same period
- Flows continued to reduce throughout the summer with only two rain events having total accumulations of greater than 75mm. There were a number of sporadic smaller events of 25mm to 30mm resulting in the perception of a somewhat unsettled summer.
- There were no significant impact from storm events due to the pattern of the events being distributed and a reduced intensity allowing the watershed to accommodate any short term increases in flow.
- With the installation of the high resolution precipitation gauge at Warwick CA and now a second unit at Alvinston we are now able to obtain instantaneous high quality rain data through satellite based communications systems

- Regional precipitation data illustrates a different picture than the perceived rainy summer. While it was damp, cloudy and generally unsettled, the last three months, with the exception of Windsor experienced only 65% of actual rainfall compared to normal across most of the watershed. Six month totals improved to 90% notably due to spring precipitation but annual numbers continue to remain slightly below the normal values at 90%

Flood Threat

Based on current conditions we continue to monitor any major rain events as they occur. River levels and weather patterns are anticipated to continue to remain seasonal into the winter months and these are expected to prevail with seasonal flows remaining in the average range. Advisories will be provided as conditions dictate.

Weather Forecast (Weather Network data)

- Short term conditions indicate slightly below normal temperatures and normal precipitation into November for the remainder of June with near normal precipitation.
- Longer term into the winter season, the probability forecasts from ECCC suggest above average temperatures and above average precipitation and slightly below average temperature and precipitation.
- With higher temperatures it is anticipated that lake ice cover conditions may be reduced contributing to the potential for increased lake effect snow in the northern areas of the watershed.
- Reduced lake ice conditions may also provide increased evaporation over the winter season may reduce lake levels into 2018 however this difficult to predict considering many other factors influencing level such as overall snow cover in the Lake Superior region.
- Trends into the first part of 2018 suggest warmer than normal temperatures in January and March, and slightly below precipitation with the exception into March with significantly higher than average conditions.

Great Lakes Levels (Canadian Hydrometric, data – September 2017)

The monthly comparison for September 2017 (current available data) indicates that Lake Huron levels higher again (15cm) compared to September 2016 suggesting a continued increasing trend in local lake levels. Numbers also continue to increase above the 10-year average for Lake Huron by **66cm**. Lake St. Clair levels are higher than last year (17cm) and **50cm** above the 10 year average. Both Lake Huron and Lake St. Clair current values (September) continue to remain above the average for the entire period of record.

- The 20-year record compared to the mean for the entire period of record (100 years) illustrates the above average trend over the last 4 years for Lake Huron. Noted also are significant change in conditions for Lake Ontario

- As noted previously, ice cover data for Lake Huron provides some evidence of the relationship between increased levels and ice cover. While the amount of data is limited, years with closer to 100% coverage may have resulted in less evaporation and an upward trend influencing the following summer levels. While this may not be conclusive, it contributes to the understanding of potential factors.

**Rupke-McCharles
BD-17-139**

That the Board of Directors acknowledges the report dated October 27, 2017 on the current watershed conditions and Great Lakes water levels.

CARRIED

- Following 9 projects were approved for 2017- 2018.
- Staff have been working on completing WECl Projects.
- List of projects and the status of their work is provided in the table below

Structure	Project Name	Description of Work	Status
Courtright Park	Courtright Park Shoreline restoration	Shoreline work at Courtright Park along St. Clair River using armourstone and riprap.	Design work complete, reviewing work with the township, draft tender available.
Sarnia Shoreline Protection	Shoreline Repair (Helen and Kenwick St) Phase 1	Carry out construction of Phase 1 from the recommendation of engineering study.	Design work complete, reviewing work with the City, draft tender available. Permit applications underway
Esli Dodge Dam	Esli Dodge Repair Project	Repair of Concrete cable/ retaining wall	Waiting response/direction from the Township of Forest
L.C.Hender son Weir #1	L.C.H. Outfall Repair Project	Spillway Repair	Completed
W. Darcy McKeough Dam	Drop Structure Downstream Erosion Control	Install rip rap at outlet park	Waiting St. Clair Township response on this project
W. Darcy McKeough Dam	Vegetation Management Plan	Develop a vegetation management plan for vegetation control	Ongoing

		within the floodway channel	
W. Darcy McKeough Dam	Watercourse Obstruction Removal	Vegetation and debris jam to be removed	Ongoing
W. Darcy McKeough Dam	McKeough Sill Repair	Crack repair to McKeough Dam sill	Completed
W. Darcy McKeough Dam	Wing wall repair	Repair cracks in the concrete Wing wall	Completed

Courtright Shoreline Protection

The site is located in the St. Clair Township along the east shore of the St. Clair River in the community of Courtright. The existing site is protected with concrete rubble and stone and extends approximately 400 meters along the St. Clair River shoreline. A number of sections along the exposed shore have failed. The purpose of the undertaking is to provide shore stabilization, improve shoreline access, enhance aquatic habitat and to provide general improvements to the existing shore along the entire project site. The proposed preferred shoreline protection structure, include armour stone/rip rap revetment with aquatic planting and gravel beds incorporated along parts of the shoreline.

Draft Design

- Staff reviewing design with the township and consulting engineer
- applications for permits have been completed
- Permit applications have been submitted to agencies
- construction work is expected to start this Winter (December, 2017)
- habitat/fish monitoring is underway

Kenwick Park Stairs Upgrade

Staff have inspected the steps by Kenwick Park and met with a local landscaping company to come up with a potential solution.

Scope of Work

- Spilt difference on large step rises
- Form and pour concrete in 4 areas of steps and make them non slip
- Eliminate tripping hazard
- Fabricate new custom railings and powder coat all existing railings
- Reinstall the railings

Cost of work: \$7,980 + H.S.T – Southwest Fence and Deck

Sarnia Shoreline Work

- Draft design is available for Shoreline work along Brights Grove
- A groyne will be installed along Kenwick road with cut stones providing access to the beach
- Approximately 60 meters of the shoreline will be restored
- Permit applications have been submitted to agencies
- Draft tender documents are available
- Construction work is expected to start in December

Scholten-Gordon

BD-17-140

That the Board of Directors acknowledges the report dated October 25, 2017 on the ongoing Water and Erosion Control Infrastructure projects across the watershed.

CARRIED

6th Annual Great Canadian Shoreline Cleanup – September 9

Community volunteers collected over 40 pounds of garbage over a 2.5km stretch of Centre Ipperwash Beach as part of Healthy Lake Huron programming.

Lambton Shores “Ag in the Classroom Event” – September 15

Staff led 250 Grade 3 students in a soil conservation and sustainable agriculture discussion with an interactive display that encouraged problem solving to ensure that practices on the farm do not affect nearby watercourses. This event was an effort to promote a Healthy Lake Huron.

Strathroy TD Tree Day – September 16 Over 70 volunteers planted 150 native trees in Alexandra Park and Cuddy Sports Complex. The volunteers were TD employees, the local Strathroy and Mt Brydges Scouts and Guides, and local community.

Sarnia TD Tree Day – October 21 In just over an hour 35 volunteers (25 adults and 10 children) planted, mulched and watered 150 native trees along the Howard Watson Trail in Sarnia, ON as part of further naturalizing that stretch of trail. A TD Friends of the Environment grant funded both the Sarnia and Strathroy #TDTreeDay events.

Forest Fall Fair – September 22-24 Staff had a booth at the Forest Fall Fair to promote stewardship efforts towards a Healthy Lake Huron. Staff spoke with many individuals and families (>250) about what roles SRCRA plays on the landscape including biological monitoring and agricultural/rural stewardship programs and grants.

Bio-Strips & Cover Crop Demo – September 26 Lambton Shores Champion Landowner, Doug Rogers hosted our Bio-Strips and Cover Crops Workshop. Doug talked about his experience using no-till and cover crops to manage surface water on his farm. Mike Belan of Oil Springs also talked about his experience with inter-seeding cover crops and planting into a living crop (also known as “planting green”). After presentations from both farmers, attendees had a chance to see Doug’s bio-strips, inter-seeded soybeans and the modifications he has made to his inter-seeder. SCRCA’s Kelli Smith, Aquatic Biologist, provided a presentation on how water “bugs”, like soil insects, can indicate the health of your farm and adjacent watercourses.

New Agriculture Factsheet

An inter-seeding cover crop factsheet was created to provide information on the benefits of cover crops and the benefits of inter-seeding. Three examples of equipment modifications local farmers have done to improve their success with inter-seeding was included to suggest ways farmers could incorporate these practices on their own farms.

Wetland Restoration Factsheet

Due to increasing interest in wetland restoration, we have put together a factsheet to help landowners maintain and improve the wetlands on their properties.

Fall Newsletters and GLASI Postcards

Lambton Shores Watershed Project Newsletters and Water Quality Factsheets were sent to 335 rural addresses in Lambton Shores promoting soil health and water quality related BMPs. GLASI postcards were sent to 1,756 rural addresses in the Sydenham River headwaters watersheds promoting agricultural Best Management Practices (BMPs) and the grants and services SCRCA provide.

Staff attended these events for training and outreach as well:

September 15 – The Dirt on Phosphorus

September 18 – Ontario Soil Network – Farm Plot Tour @ the Van Arkel Farm

September 29 – Getting Cattle onto Cover Crop

October 4 – Farm & Food Care’s “Evidence Based Program Design Recommendations to Enhance Adoption of Soil BMPs by Ontario Farmers” Workshop

October 25 & 26 – 2017 Lake Huron Summit, “Working Together for a Healthy Lake Huron-Georgian Bay: Sharing Community Monitoring Experiences”

Upcoming Events:

David R. Montgomery Lecture

December 12, 7-9 pm Sarnia

David R. Montgomery is a geologist and professor of Earth and Space Sciences at the University of Washington, Seattle. His research has focused on how soil erosion has

undermined once-great civilizations around the world. He will discuss how soil has shaped us and we, the soil. Despite mapping out this correlation, soil degradation on a global scale remains outside of the spotlight, yet it is one of the most solvable crises.

Montgomery highlights farmers who focus on improving soil health and regenerative practices can mend damaged environments and improve their bottom line. He shows how no-till, cover crops, and diverse crop rotations can sustain the indispensable soil microbial ecosystem and in turn, a farmer's crops and livelihood. In doing so, agriculture can help feed the world and pull carbon from the atmosphere.

Montgomery will be joining us in Sarnia to discuss his research combining ancient wisdom with modern science to make the case for a vision where agriculture becomes the solution to environmental problems. The event is free and all are welcome – farmers, gardeners, and the community!

Soil Health Conference - February 15, 2018, Chatham

We are really looking forward to our upcoming Soil Health Conference! Much planning has gone into this event. There will be presentations from Frank Gibbs, Dr. David Lobb, Dr. Wendy Taheri, and Dale Cowan as well as presentations from local researchers. Frank Gibbs (Wetland and Soil Consulting Services, LLC) worked for the USDA in Ohio for 36 years and will speak on BMPs in hydric soils. Dr. Lobb (University of Manitoba) will share on the economics of soil loss through wind, water and tillage erosion. Dr. Taheri (Terra Nimbus) is a specialist in arbuscular mycorrhizal fungi & plant growth. Dale Cowan (AGRIS and Wanstead Cooperatives) is a senior agronomist and sales manager, 4R Nutrient Stewardship Specialist, and 2016 International Certified Crop Adviser of the Year who will speak about local initiatives.

In addition, 15 local farmers will be sharing their experiences on our farmer panel discussions. Panel topics include reducing tillage, cover crop and rotational grazing, erosion control methods, stewarding soil on big acres, planting green, and making interseeding work. The event is funded through an OMAFRA COA grant. This will be a Soil Health event to remember!

Nemcek-Bruinink

BD-17-141

That the Board of Directors acknowledges the status report dated November 1, 2017, regarding Healthy Watersheds program, including the outreach and education events held throughout the watershed.

CARRIED

Tree Planting Program

- Staff are busy preparing for the 2018 spring tree planting program
- Landowner interest for spring tree planting is up a bit this year compared to other years
- Site visits started in early October and proposed projects will be brought to the

next project review meeting scheduled in November for approval under one or more of the grant programs that SCRCA currently has available for financial 2018 incentives.

- Approximately 50,000 to 60,000 trees are expected to be subsidized through SCRCA funding programs for next spring
- 2018 tree prices from the supplying nurseries have increased slightly for 2018
- Other expected cost increases will also justify an increase in the 2018 user fee schedule.

Seed Collection Program

- This year's tree seed collection was very successful with approximately 2600 litres of oak, hickory and walnut tree 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 tree seed collected and shipped annually.
- Enbridge provided a generous donation toward our seed collection program this year to support future efforts in local tree seed collection in the SCRCA watershed. Funding went toward a seed collection-mentoring program. Two tree seed experts provided a one-day training event on Oct 3rd at the Warwick CA. There were 14 participants in the program including 3 SCRCA staff.

Vegetation Management Program

- Approximately 250,000 trees require follow up herbicide tending this fall
- Fall herbicide application for vegetation control on 2015, 2016 and 2017 tree planting sites started in late October and will end after the first killing frost (usually early November). This is our 3-year vegetation management program for newly planted tree seedlings. The 3-year spray program is paid in advance and carried forward every year. Payment is used to purchase herbicides and to cover the cost of application work.
- Warmer fall weather over the past several years has delayed the start dates for the past several years and extended it later into the season due to deciduous trees staying active longer into the fall season.

Stewardship funding

- Species at Risk application for 2018-2019 was recently submitted to MNR for review. MNR has provided SAR funds toward our Sydenham River Habitat Stewardship program since 2008. Approximately 140 projects including wetland creation, sediment traps, riparian buffers, stream bank stabilization and habitat creation have been funded with \$400,000 of SAR stewardship funding for the past 9 years. These are predominantly private land stewardship projects that

would not have been completed without financial incentive programs such as the SARSF

- Enbridge grant money for seed collection program – funds partially used this year for special training and mentoring. Remaining funds will be used in 2018-2019
- Trees Ontario grant has been secured for 2018 for landowners interested in planting 1.0 hectare or more of trees. Approximately \$70,000 awarded toward trees projects in 2017
- OPG – Essex, Chatham-Kent & Lambton forestry/tree planting ending this year. No future funds currently approved under this program.
- RLSN-SCRCA partnership through RLSN’s DFO recreational fisheries grant program: 2018 is the final year (of a 3 year program) for funding for tree and shrub riparian buffers.

Wright-Scholten

BD-17-142

That the Board of Directors acknowledges the report dated October 26, 2017 on the Conservation Services programs and projects across the watershed.

CARRIED

A staff report on DART was reviewed.

Bruziewicz-McMillan

BD-17-143

That the Board of Directors acknowledges and concurs with the June to October 2017 municipal drain activity report associated with the Drainage Act and Conservation Authorities Act Protocol (DART).

CARRIED

At the September 21, 2017 Board meeting, the landowner Jennifer Burbidge provided a presentation regarding erosion issues adjacent to the dwelling at 4606 Lakeside Street, Hillcrest Heights, Plympton-Wyoming.

Delegation: Jennifer Burbidge and Chris Hutt

The following motion was passed:

McMillan-Wright

BD-17-132

“That the Board of Directors acknowledge the correspondence to Ms. Burbidge dated July 26, 2017, staff’s verbal introduction and Ms. Burbidge’s presentation and that a full report is prepared by SCRCA staff, including an update from Municipality and a written response is formed to Ms. Burbidge’s questions and recommendations provided.”

Update from Plympton-Wyoming

An email requesting an update was forwarded to Adam Sobanski, P-W Director for Public Works on October 24, 2017. P-W has suggested J. Burbidge submit a “notice of Petition” as this is the best solution to issue. AS confirmed as of October 24, 2017, no petition had been filed to date.

The following Appendix items were reviewed:

1. Appendix 1 – Chronology of key events
2. Appendix 2 – SCRCA staff written response to JB questions. In terms of recommendations requested in the September 21 2017 motion, SCRCA refers to the July 26, 2017 attached SCRCA correspondence (Appendix 3).
Recommendation July 26, 2017: JB *“proceed to petition for Drainage Works that will include remediation work in the valley”* (July 26, 2017 SCRCA correspondence).
3. Appendix 3 – J. Burbidge questions presented Sept 21, 2017
4. Appendix 4 – SCRCA July 26, 2017 correspondence to J. Burbidge cc W. Bartlett, A. Sobanski, C. Hutt, SCRCA Regulations staff.
5. Appendix 5 – W. Bartlett P Eng., PW Consulting Drainage Engineer written opinion.
6. Appendix 6 – J. Burbidge survey

Recommendation: JB *“proceed to petition for Drainage Works that will include remediation work in the valley”* (July 26, 2017 SCRCA correspondence). This is consistent with municipal engineering response.

Wright-Scholten

BD-17-144

That the Board of Directors acknowledges the report on J. Burbidge, 4606 Lakeside St., Plympton Wyoming.

CARRIED

Scholten-Bruziewicz

BD-17-145

That the Board encourages J. Burbidge to petition Plympton-Wyoming for drainage works and directs staff to provide a letter of support towards receiving a new drainage report.

CARRIED

Authority revenue and expenditure report to September 30, 2017 was reviewed.

Kelch-McKinnon

BD-17-146

That the Board of Directors acknowledges the revenue and expenditure report to September 30, 2017, as it relates to the budget.

CARRIED

September and October 2017 disbursements totalling \$581,547.62 were reviewed.

Miller-Nemcek

BD-17-147

That the Board of Directors approves the September to October 24 2017 disbursements as presented in the amount of \$581,547.62.

CARRIED

A status report on the 2017 general levy receipts to October 31, 2017 was reviewed.

McMillan-Marriott

BD-17-148

That the Board of Directors acknowledges the status report on the 2017 general levy receipts to October 31, 2017.

CARRIED

Directors reviewed the Investment Statements through to September 30, 2017.

Gordon-Bruinink

BD-17-149

That the Board of Directors acknowledges the Investment Report, for the period ending September 30, 2017.

CARRIED

Camping Fees

Camping Fee Summary and Comparison fees were reviewed.

Planning Fees

At the September 21, 2017 Board of Directors meeting, the Board members were provided with a background report on the “natural heritage planning advisory service” the Authority provides by way of Memorandums of Agreements. This service was officially requested by municipalities in 2015. At the September Board meeting, there were questions on the “activities” listed in Appendix A. Appendix A was reviewed with clarification provided.

To summarize, SCRCA Administration was proposing a 2018 \$40,000.00 special levy to

be partnered with \$30,000.00 in review fees in order to support a Planning Ecologist to provide the required *Planning Act* service for Middlesex County, Chatham Kent and Lambton County. This service provided by SCRCA negates the need for upper and lower tier municipalities to hire qualified staff or consultants to carry out this service. It behoves the Conservation Authority to provide this service as it is part of our Strategic Plan to “*protect, manage, and restore our natural systems including woodlands, wetlands, waterways and lakes*” (Goal 2).

After some discussion the following draft resolution was passed:

Broad-Scholten

BD-17-117

“That the Board of Directors acknowledges the report dated September 21, 2017 regarding natural heritage planning advisory commenting services provided to member municipalities and further that the 2018 draft fees be adjusted to ensure cost recovery of the program.”

Going forward:

Planning Department staff have adjusted the user fee schedule to reflect the above request. See proposed 2018 SCRCA Fee schedule. The fee schedule has been presented with Natural Heritage services being separated out from the ministerial delegated and mandated Natural Hazard services. The Natural Hazard planning services directly relate to SCRCA Regulation 171/06. A 25% increase in proponent driven Natural Heritage applications is proposed.

SCRCA does not currently charge fees for review and input services for municipal driven planning applications/initiatives ie. Official Plans, Comprehensive Zoning Bylaws, Tree Cutting bylaws, etc. These can involve numerous meetings, conference calls etc. The Memorandum of Agreement between SCRCA and municipalities states planning *“amendments sponsored by the municipality will be covered within the annual levy applied to Authority programs supported by the municipalities that are part of the County, as supplemented by the review fees collected...”*

A summary of levy comparison between Southwest Conservation Authorities was reviewed.

Of the 3 surrounding CAs providing NH service, SCRCA total levy is less than half of ERCA's total levy. SCRCA is the lowest levy of all 5 CAs and is at least 10% of the next lowest CA (ABCA) and ABCA does not provide the NH service. Although a comparable portion of SCRCA levy goes toward Planning & Regulations, it is not sustainable to provide Natural Heritage planning services without financial assistance (user fees and outside sources).

It is a policy of the province and SCRCA that in order to set fees a comparison with

other agency fees is necessary and this information must be provided publicly.

A 2017 Comparison of Natural Heritage fees, both Planning Act fees and Technical report review fees was reviewed.

Note: \$3,500.00 is equivalent to a private consultant cost for major technical report review fee.

- **Minor** - limited technical assessment of the natural heritage features are required development is within adjacent lands of natural heritage features; natural heritage feature is well documented;
- **Standard** - scoped technical Natural Heritage Impact studies are required (Terms of Reference), development may be within adjacent lands or within natural heritage feature.
- **Major** - comprehensive technical studies or reports are required; development may be within adjacent lands or within natural heritage feature.

A Planning Fee Comparison to Watershed Municipalities was reviewed.

Impacts of 25% increase in proponent driven Natural Heritage fees:

- In comparing SCRCA Planning Act fees to member municipality Planning Act fees, minor variance fee is the same; which is not acceptable. For minor variances, the Planning Ecologist in conjunction with the upper tier County planners will be setting adjacent land boundaries as per PPS Heritage manual in order to reduce need for input. This is to be accomplished by March 2018. Time saved will be allocated toward alliances with border municipalities (i.e. S-C, Lambton Shores initially followed by SW Middlesex etc.) for EIS Technical report review via Memorandum of Agreements and revenue derived from such.

2017 Natural Heritage Budget was reviewed.

2018 Shortfall Recovery Option was reviewed.

Revenue recovery:

Upper and lower tier municipalities must meet the requirements of Section 2.0 Natural Heritage Policies of the 2014 Provincial Policy Statement. Section 2.0 sets out policies for the protection of natural heritage systems, significant wetlands (including coastal wetlands), significant woodlands, significant wildlife habitat, etc. SCRCA's Planning Ecologist has the expertise to provide this service for the watershed, instead of each municipality retaining a staff person or consultant to undertake the service.

For the upper and lower tier municipality driven applications and projects, the Authority can recover remaining funds via 2 Options

- Option 1: Abide by the Memorandum of Agreement which states that an annual 2018 levy of \$20,000.00 contribute toward municipally driven or sponsored Natural Heritage planning amendments or projects or
- Option 2: Revise the Memorandum of Agreement which changes the wording in the agreement to “*amendments sponsored by the municipality will be covered with ecologist hourly rate billed to the municipality requiring the service*”.

The Conservation Authority will keep track of proponent versus municipally driven amendments/projects in 2018 and report back to the Board on financial status. To balance the 2018 budget in this category, SCRCA will need to further undertake and confirm the following:

- Providing the service outside the watershed where the need is evident.
- SCRCA will approach the Conservation Foundation for funding toward Natural Heritage protection in the watershed.

All Programs and Services:

The Draft SCRCA 2018 Fees were reviewed.

Scholten-Rupke

BD-17-150

That the Board of Directors acknowledges the reports on Conservation Area and Planning fees.

CARRIED

Scholten-Wright

BD-17-151

That the Board of Directors abide by the Memorandum of Agreement which states that an annual 2018 levy of \$20,000.00 contribute toward municipally driven or sponsored Natural Heritage planning amendments or projects.

FAILED

Rupke-Bruinink

BD-17-152

That the Board of Directors revises the Memorandum of Agreement for Planning Services with municipalities and counties to “*amendments sponsored by the municipality will be covered with ecologist hourly rate billed to the municipality requiring the service*” and further approves the Schedule of Fees dated October 2017, for all programs and services for the year 2018 fees and still further directs staff to circulate the approved fee schedule to all member municipalities.

CARRIED

Verbal summary of comments received to date on the 2018 Draft Budget given by Brian McDougall, General Manager.

**Kelch-Miller
BD-17-153**

That the Board of Directors acknowledges the verbal summary of comments received to date on the 2018 Draft Budget.

CARRIED

Minutes from the June 8, 2017 Joint Health & Safety Committee meeting were reviewed.

**Wesley-Gordon
BD-17-155**

That the Board of Directors acknowledges the June 8, 2017 meeting minutes of Joint Health and Safety Committee.

CARRIED

**Scholten-Miller
BD-17-156**

That the 2018 Nominating Committee consisting of the following four directors representing the four districts of the Authority being Sarnia, Lambton, Chatham-Kent, and Middlesex be: Mike Kelch, Larry Gordon, Jeff Wesley and Norm Giffen and further that the Nominating Committee's recommendation for the 2018 committee membership be presented at the Annual General Meeting.

CARRIED

Board of Directors Meeting Schedule:

February 22 (4th Thursday) - Annual General Meeting (Petrolia)
April 19 (3rd Thursday)
June 28 (4th Thursday) – Project Tour (Warwick C.A)
September 20 (3rd Thursday)
November 8 (2nd Thursday)
December 13 (2nd Thursday)

Executive Committee: at the call of the chair.

February 8 (2nd Thursday) – Audit Review & Recommendation

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

Flood Action Committee: January 11 (2nd Thursday) and at the call of the Chair

Low Water Response: May 17 (3rd Thursday) and at the call of the Chair

Nominating Committee: At the call of the chair.

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

Wesley-Nemcek

BD-17-157

That the Board of Directors approves the 2018 tentative schedule of meetings for the Board of Directors and Committees, dated October 11, 2017.

CARRIED

Memorial Forest Dedications

The Foundation is expanding its partnership with Denning Funeral Homes. Tree planting throughout the region and conservation education are supported through donations made to the Foundation in recognition of families served by the Denning Funeral Homes. Over the past year, Denning's has donated a total of \$11,300 to the Foundation. \$7,850 was donated through Denning's Strathroy location. This year, the program was expanded to Denning's new West Elgin location, which donated \$3,450.

The Denning Funeral Home Memorial Forest Dedication for the Strathroy area took place on May 28th. The service was held at Centennial Park where over 250 people were in attendance. Duncan Skinner brought remarks on behalf of the Foundation. The first dedication for the new Denning's location serving the West Elgin and Chatham-Kent area was held at the Keith McLean's Conservation Lands on September 17th. Steve Arnold brought greetings from the Foundation and Authority to the more than 60 people that were in attendance.

The Foundation's dedication was held on September 24th at the Lorne C. Henderson Conservation Area. Duncan Skinner and Steve Arnold provided the remarks. Over 100 people were in attendance. A Red Oak was planted as a symbol for all trees dedicated over the last year through donations from individuals not associated with a funeral home program. From September 2016 to August 2017, 110 trees were dedicated through individual donations to the program. To date, a total of 2,017 trees have been dedicated through the Foundation's Memorial Forest Program.

Volunteer Event

Andersen Windows Conservation Area Clean-up

A local Strathroy company, Andersen Windows, has a corporate initiative called "Nature Preservation Day." SCRCA staff organized a volunteer event for Andersen on September 28th to teach the company about invasive species. For their Preservation

Day, the volunteers helped remove invasive plants from the Strathroy Conservation Area.

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 Brian McDougall or Nicole Drumm 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
- \$7,000 to support memorial tree planting
- \$6,000 to support land management staff costs for Foundation owned lands
- \$8,000 to support recreational facility enhancements at the A.W. Campbell Conservation Area
- \$8,000 to finance a summer Conservation Intern position
- \$10,000 to support reptile recovery, biological monitoring and public outreach
- \$10,000 to support the Watershed Report Cards
- \$60,000 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 2016-17 included:

Sarnia-Lambton Environmental Association:

A request has been made to SLEA to 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:

A request has been made to Union Gas to continue its support for the Authority's conservation education programs. They have supported the “Spring Water Awareness” program for the past 5 years.

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.

DuPont:

DuPont has awarded the SCRCA with a \$6,221 “Clear into the Future Grant” to support the Authority’s Conservation Education Program. The cheque presentation took place on October 17th.

Plains Midstream Canada:

A request has been made to Plains Midstream Canada to continue their support of the Authority’s conservation education – Plains Midstream made a donation of \$3,500 at the end of 2016.

Healthy Kids Community Challenge Lambton:

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 SCRCA and other organizations. Last year, the SCRCA received \$8,500 for our involvement with the Healthy Kids Challenge. The program has unexpectedly been extended to 2018 – Authority staff will be meeting the Healthy Kids Committee to discuss further involvement.

Shell:

A request has been made to Shell Sarnia to support the SCRCA’s conservation education programming.

Wright-Marriott**BD-17-158**

That the Board of Directors acknowledges the Communications Report dated October 23, 2017 including memorial forests, conservation awards, Conservation Foundation update and conservation education fundraising.

CARRIED

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. Thanks to Experiential Education Funding through the Ministry of Education, the month of May is already 50% booked.

Preparation and presentation of Specialist High Skills Major (SHSM) programming has been a major focus again this fall. The newest SHSM program developed is a Mussel Identification Workshop. This certification has been co-developed with SCRCA biology department staff. The workshop includes an in-class introduction to mussels, their significance in our watershed and the threats they face. A field trip to a local waterway allows students to participate in a timed mussel survey. The goal is for the students to gain first hand mussel identification skills while participating in real citizen science.

Geocaching Events

In addition to school classes, many interested watershed citizens have had the opportunity to learn about Geocaching with the use of SCRCA purchased GPS units.

- Sept. 17: “Healthy Trails Henderson” Geocaching Event. A beautiful day was forecast for the 9th annual event which attracted over 45 enthusiastic geocaches. Many participants were impressed by the trails and campground facilities.
- Sept. 13: 30 Health Unit Staff participated in a 1-hour geocaching presentation along the White Pine Trail at Warwick Conservation Area. It was the “exercise” portion of a Staff team building day.
- Sept. 30: As a part of the 50th Anniversary of the International River Crossing Event, over 300 Girl Guides and Girl Scouts took a turn at Geocaching.

Children’s Water Festival – October 3rd and 5th

The Children’s Water Festival was fully booked well before the start of the school year. Day 2 was unfortunately cancelled due to poor weather. More than 12,500 elementary students have now attended this festival over the past 9 years. Because of the International Plowing Match being held in Pain Court in 2018, the next Children’s Water Festival will be held in the fall of 2019.

Lambton Upland Game Bird Youth Day – August 26th

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. As a result of SCRCA’s continued support and participation in this event, the Game Club has offered a \$1000 equipment grant to the education department. The funds will be used to buy equipment that benefits a wide range of conservation programming.

Wyoming Fair Agriculture in the Classroom – September 12th

Staff provided information and a hands-on learning game for approximately 360 students in grades 3-6. A discussion of the important role farms play to help maintain healthy wetlands, forests and overall watershed health was included.

Brigden Fair Agriculture in the Classroom – October 6th

SCRCA education staff provided an educational display and craft for approximately 800 students in grades 3 - 6. Staff discussed the importance of trees as part of the farm landscape. Students were given an opportunity to create a collaborative 'tree' using fallen leaves and stencils to cut shapes representative of the interconnections between trees, humans and the natural landscape.

Species at Risk Program, Kettle & Stony Point First Nation – October 11th and 18th

As part of the annual education days at Kettle Stony Point First Nations School, students in Grade 3 and 4 participated in both outdoor and indoor educational activities with 3 SCRCA staff from the Education and Biology departments. 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 and crafts.

Staff later received thank you letters from the Grade 4 class.

Kelch-McKinnon

BD-17-159

That the Board of Directors acknowledges the Conservation Education Report, dated October 25, 2017 including fall education programs and events.

CARRIED

The Chair called for a 5 minute recess.

McMillan-Bruziewicz

BD-17-160

That the Board of Directors sit as a Hearing Board and acknowledge the reports and exhibits regarding Application #11316 Developments, Interference with Wetlands and Alterations to Shorelines and Watercourses Ontario Regulation 171/06 following the Hearing Procedures set out by the Conservation Authorities Act.

CARRIED

Hearing Board Members Present: Steve Arnold, Chair; Andy Bruziewicz, Vice Chair; Alan Broad, Tony Bruinink, Norm Giffen, Larry Gordon, Mike Kelch, Betty Ann Mackinnon, Kevin Marriott (excused due to personal emergency at 11:40 a.m. General support was provided to continue the meeting) John McCharles, Dan McMillan, Steve Miller, Frank Nemcek, Gerry Rupke, Cindy Scholten, Jeff Wesley, Muriel Wright

Review of Hearing Procedures was reviewed and confirmation from all parties that notification and documentation was received within the necessary time frame.

The Chair requested that each Director declare a conflict of interest on any item within the Hearing agenda in that a Director may have pecuniary interest and gave his remarks:

“We are now going to conduct a hearing under Section 28 of the Conservation Authorities Act in respect of an application by Kevin and Lesley Gelinas for permission to complete the installation of helical piers with foundation as per engineered drawings, and install new truss roof on existing second storey with new attic access to existing mechanical room on the subject property.

The Authority has adopted regulations under Section 28 of the Conservation Authorities Act which requires the permission of the Authority for development within an area regulated by the Authority in order to ensure no adverse effect on (the control of flooding, erosion, dynamic beaches or pollution or conservation of land) or to permit alteration to a shoreline or watercourse or interference with a wetland.

The Authority staff have reviewed the application and supporting information and provided the applicant with a response and made arrangements for this hearing to be scheduled. A staff report has been prepared and provided to the Hearing Board members and the applicant as part of this hearing.

The Conservation Authorities Act (Section 28 [12]) provides that:

‘Permission required under a regulation made under clause (1) (b) or (c) shall not be refused or granted subject to conditions unless the person requesting permission has been given the opportunity to require a hearing before the authority or, if the authority so directs, before the authority’s executive committee.’

In holding this hearing, the Hearing Board is to determine whether or not a permit is to be issued. In doing so, the Hearing Board can only consider the application in the form that is before us, the staff report, such evidence as may be given and the submissions to be made on behalf of the applicant.

The proceedings will be conducted according to the Statutory Powers Procedure Act. Under Section 5 of the Canada Evidence Act, a witness may refuse to answer any question on the ground that the answer may tend to criminate the person, or may tend to establish his/her liability to a civil proceeding at the instance of the Crown or of any person. The procedure in general shall be informal without the evidence before it being given under oath or affirmation.

If the applicant has any questions to ask of the Hearing Board or of the Authority representative, they must be directed to the Chair of the Board.”

SCRCA staff introduced the Hearing Board to the Applicants, Kevin and Lesley Gelinas, their agents Analee Ferreira of Ferreira Law and Stephen Burt of Englobe (previously LVM) as well as SCRCA’s legal agent Tim Price of Little, Inglis, Price & Ewer LLP.

SCRCA staff Dallas Cundick presented the nature and location of the subject application and the conclusions.

SCRCA Staff report was presented by Dallas Cundick.

Applicant’s report was presented by Mr. Kevin Gelinas and his lawyer Analee Ferreira

Hearing Board requested clarification from both SCRCA staff and the applicant.

Kelch-McMillan

BD-17-161

That the Hearing Board move in-camera at 12:07 p.m. to deliberate information provided regarding Application #11316.

CARRIED

Miller-Giffen

BD-17-162

That the Hearing Board rise and report at 12:35 p.m.

CARRIED

Rupke-Scholten

BD-17-163

That the Hearing Board, in accordance with the requirements of the Conservation Authorities Act, held a hearing regarding Kevin and Lesley Gelinas, application Nº. 11316 on November 9, 2017 and hereby approves the application as presented and including no increase to the existing footprint, and subject to the submitted engineering drawing, and subject to a hold harmless agreement being executed and placed on title, and further directs staff to issue a notice of decision.

CARRIED

Bruzewicz-Scholten

BD-17-164

That the Hearing Board sit as a Board of Directors.

CARRIED

Gordon-Giffen

BD-17-165

That the Board of Directors move in-camera at 12:36 p.m. to discuss personnel issues with the General Manager and the Director of Finance remaining.

CARRIED

Wesley-Rupke

BD-17-166

That the Board of Directors rise and report at 12:50 p.m.

CARRIED

Kelch-Miller

BD-17-167

That the meeting be adjourned.

CARRIED



Steve Arnold
Chair

Brian McDougall
General Manager

General Manager's Report 4.(i)



To: Board of Directors
Date: November 30, 2017
From: Brian McDougall, General Manager

Ontario Bill 139 - the Building Better Communities and Conserving Watersheds Act

- ❖ Standing Committee on Social Policy made minor changes to the Section 4 - Conservation Authorities Act
- ❖ Third reading debate has occurred on November 23rd and 29th
- ❖ We have been advised by the Minister that she expects final reading of the Bill prior to the Christmas recess

Ontario Bill 148 - the Fair Workplaces, Better Jobs Act

- ❖ Received Royal Assent on November 27th
- ❖ Direct changes to:
 - Employment Standards Act
 - Labour Relations Act
 - Occupational Health and Safety Act
- ❖ Impacts of 6 additional Acts
- ❖ Impacts for Authority
 - Increased minimum wage – summer Conservation Area and Conservation Services staff
 - On Call and Call-In minimum payments – Conservation Area and Water Management staff

Draft Canada-Ontario Lake Erie Action Plan - Partnering on Achieving Phosphorus Loading Reductions in Lake Erie from Canadian Sources

- ❖ This action plan identifies a range of on-the-ground actions to reduce phosphorus loadings from urban, agricultural and rural lands, and to encourage good environmental stewardship
- ❖ These actions need to be co-ordinated with and linked to current federal, provincial and municipal government initiatives, as well as initiatives conducted by conservation authorities, key sectors and others
- ❖ The actions are separated into five categories and thirteen general actions as identified on the following table

GOAL: Reduce Canadian phosphorus loadings by 40 per cent

CATEGORY OF ACTION	ACTIONS
A. Reduce phosphorus loadings	<p>A1. Support watershed and nearshore-based strategies and community-based planning for reducing phosphorus loadings</p> <p>A2. Reduce phosphorus loadings from urban areas</p> <p>A3. Reduce phosphorus loadings from agricultural and rural areas</p>
B. Ensure effective policies, programs and legislation	<p>B1. Support and strengthen policies, programs and legislation</p> <p>B2. Strengthen decision-making tools</p>
C. Improve the knowledge base	<p>C1. Conduct monitoring and modelling</p> <p>C2. Conduct research to better understand nutrient dynamics in the Lake Erie basin</p> <p>C3. Conduct research to better understand and predict the impact of climate change on the Lake Erie ecosystem</p> <p>C4. Conduct research to improve existing practices and develop new innovative practices and technologies for phosphorus loss reduction</p>
D. Educate and build awareness	<p>D1. Enhance communication and outreach to build awareness, improve understanding and influence change</p> <p>D2. Share data and information</p>
E. Strengthen leadership and co-ordination	<p>E1. Improve communication and co-ordination</p> <p>E2. Establish an adaptive management framework</p>

- ❖ 37 specific actions have been identified under Category A – 4 specific action attributed to Conservation Authorities
- ❖ 15 specific actions under Category B – 1 specific action attributed to Conservation Authorities
- ❖ 46 specific actions under Category C – 8 specific action attributed to Conservation Authorities
- ❖ 15 specific actions under Category D – 1 specific action attributed to Conservation Authorities and 1 specific action attributed to Conservation Ontario
- ❖ 10 specific actions under Category E – 1 specific action attributed to Conservation Authorities
- ❖ 123 total specific actions as of the last draft reviewed
- ❖ 15 specific actions attributed to Conservation Authorities and as many more where Authorities are included as unidentified partners of senior government
- ❖ Conservation Authorities figure prominently throughout the document as the senior levels of government look to us as a significant partner in any implementation plan to achieve a 40 percent reduction in phosphorous loads to Lake Erie by 2025
- ❖ The Action Plan is expected to be released in early 2018

Staff Report



To: Board of Directors 6. (i)
Date: November 20, 2017
From: Ashley Fletcher
Subject: Business Arising from November 9, 2017 meeting

- (RE BD-17-145) Motion directed staff to offer letter to J. Burbidge in support of a petition to Plympton-Wyoming for an updated drainage report.
 - *Letter of support prepared for Chair's signature*
- As the SCRCA moves toward reducing our environmental footprint in the workplace, Board Packages have been made available online as of September 2017. For each board package not printed, this saves an average of 64 pieces of paper and \$11.47 in printing and courier costs. The Board of Directors have been asked to sign for their preferred format and current preferences are as follows:

Board of Directors - Preferred format	
Electronic	9
Printed copy	6
Not yet signed	5

An updated voting sheet will be re-circulated at the meeting to allow for Board members to consider a new option of receiving the board package on a couriered USB rather than in paper format.

To: Board of Directors
Date: November 30, 2017
From: Kevan Baker, Director of Lands
Subject: Conservation Lands Report

Year in Review:

Camping Statistics:

- 418 full, half and quarter seasonal campers have registered in our 3 campgrounds, down from 421 in 2016. 190 seasonal campers are registered at Warwick (191 in 2016), 121 at LC Henderson (123 in 2016) and 107 at A.W. Campbell (107 in 2016).
- Our 3 regional campgrounds were busy this year, gross revenues to the end of October were \$ 1,184,000 (up 3 %), and net revenues are up 23% (seasonal camping up 2 % to \$824,000; overnight camping up 4% to \$231,000; and pump-out up 5% to \$38,000.00)

Warwick Conservation Area

- A 24 x 32 ft pole type storage shed was constructed
- Engineered wood chip playground protective surfacing was installed under the main day use area play equipment
- Hydro and water was installed to two overflow campsites in the woodlot campground
- 550 meters of chip and dust trail was developed around the perimeter of the 5-acre climate change tree growth plantation (Foundation).

L.C. Henderson Conservation Area

- One shower area was upgraded with new shower surround and ceramic tile on the floor and walls
- Two new hydro panels were installed, one in the main washroom building and one in the campground area
- Weir surfacing was improved with erosion control matting and gravel surfacing (WECl)
- New carpet and 4 x 4 side railings were installed on the mini put golf course



A.W. Campbell Conservation Area

- Permanent hydro (6 – 30 amp campsites) was installed at the Campbell house group camp area
- The water distribution pump house was renovated with new internal and external siding and new internal plastic water lines
- Upgrades were completed at the main campground washroom (new concrete sidewalk) and at the gatehouse and entrance area (new signage and fee box)
- A weather station was installed (Water Resources Department)

Keith McLean Conservation Lands (Foundation Property):

- Scott O'Brien was hired as the property superintendent
- a trail identification sign was installed at the main parking lot
- A tower agreement was negotiated with Xplornet, the tower will be installed along Kent Bridge Line this fall
- The first Denning's Memorial Forest dedication was held on Sunday, September 17th; over 60 people attended

Highland Glen Conservation Area:

- 40 ft of new walkway was installed along one side of the boat ramp
- An existing seawall was repaired by excavating and installing new tie back supports
- The armor stone on the outer seawall was re-positioned



- 2 LED beacon lights were installed on the outer seawall
- The McKay pay on-line payment system was implemented for vehicles and boat ramp traffic.

Other Lands Activities:

- A 3-acre wetland was constructed at property 97 in the McKeough Upstream Lands; this included a 2 acre pond and 1,000 hardwood trees (funded by Union Gas and Wildlife Habitat Canada)
- Approximately 680 meters of randomized tile drainage was installed on 2 McKeough Upstream agricultural properties.
- Esli Dodge - 4 tennis courts were constructed with asphalt surfacing and new fencing (project of Lambton Shores)
- Bridgeview – 2 oil wells were decommissioned (MNR funded)
- Coldstream – board walks were upgraded with 60 new boards and 20 cedar post supports
- Staff have maintained over 35 kms of trails by removing fallen, dead or dangerous trees and installing or repairing boardwalks
- Staff planted 72 hardwood, 35 cedar and spruce trees and 30 shrubs on Authority lands this fall (Foundation - Bingo)



ENVIRO-FRIENDS OF COLDSTREAM

St. Clair Region Conservation Authority
c/o Marlene Dorrestyn
Strathroy, ON



Dear Supporter

Happy 150th Birthday Canada! That was our theme for the 18th annual Benefit Gala, for Coldstream Conservation Area. We had a feast of Canadian food and ended the night with Pancakes and Maple Syrup. Red and White was on display everywhere. With the support of the community, we are again amazed to announce a profit of \$13,300.00, to put towards the park. Thank you once again for supporting the park and our community.

Our Supporter of the Year for 2017 was Janet Campbell. She is one of our long time members, who is our Secretary and has been involved in most events with the group for many years. Thanks Janet for all your years' of support.

How your money was spent this year:

- ❖ Free summer day camp-many 31 local families took part
- ❖ 2 Students hired for day camp and maintenance-(no government grant available this year)
- ❖ Jr. Counsellor Program for 8 local teens
- ❖ Continued work on the new trail for the Al Bycraft Memorial Bridge
- ❖ Operated a weekly Farmer's Market and promoted the market-7 vendors and 60-90 people visiting weekly.
- ❖ Maintained trails during a very wet Spring
- ❖ Did repeated repairs on the flush bathrooms.

Unfortunately again this year the Boardwalk took repeated beatings with lots of rain and flooding; which ripped the Boardwalk apart again and again. Thank goodness the St. Clair Region Conservation Authority came and made multiple repairs to the Boardwalk.

We would particularly like to thank you for your donation of the amazing Honey Gift Basket, in support of all we do in the park. We could not have done it without you. Thanks so much!

Without the support of the folks in our community we would not have a summer day camp, less work and maintenance would be happening in the park, and there would be no Farmer's Market. In fact there would not be a usable picnic area, trails or park. We would like to thank you, but also recognize the work of our partners, Middlesex Centre, and St. Clair Region Conservation Authority. "Working together makes us stronger".

Please treat this letter as your receipt and once again thank you for supporting our continuing work at Coldstream Conservation Area.

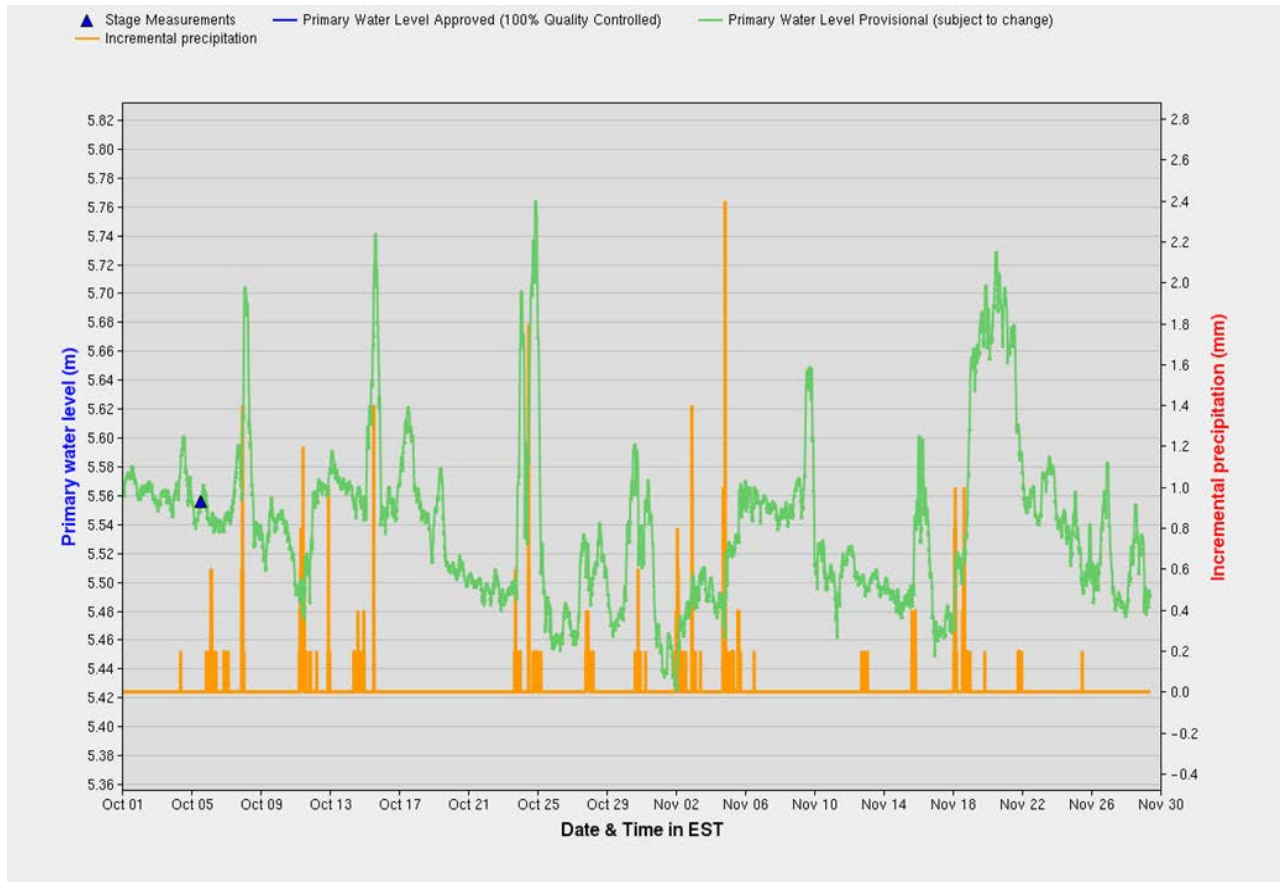
Yours truly,

Janice Dolliver
Enviro-Friends of Coldstream

To: SCRCA Board of Directors
Date: December 1, 2017
From: Steve Clark, Water Resources Specialist
Subject: Current Watershed and Lake Conditions

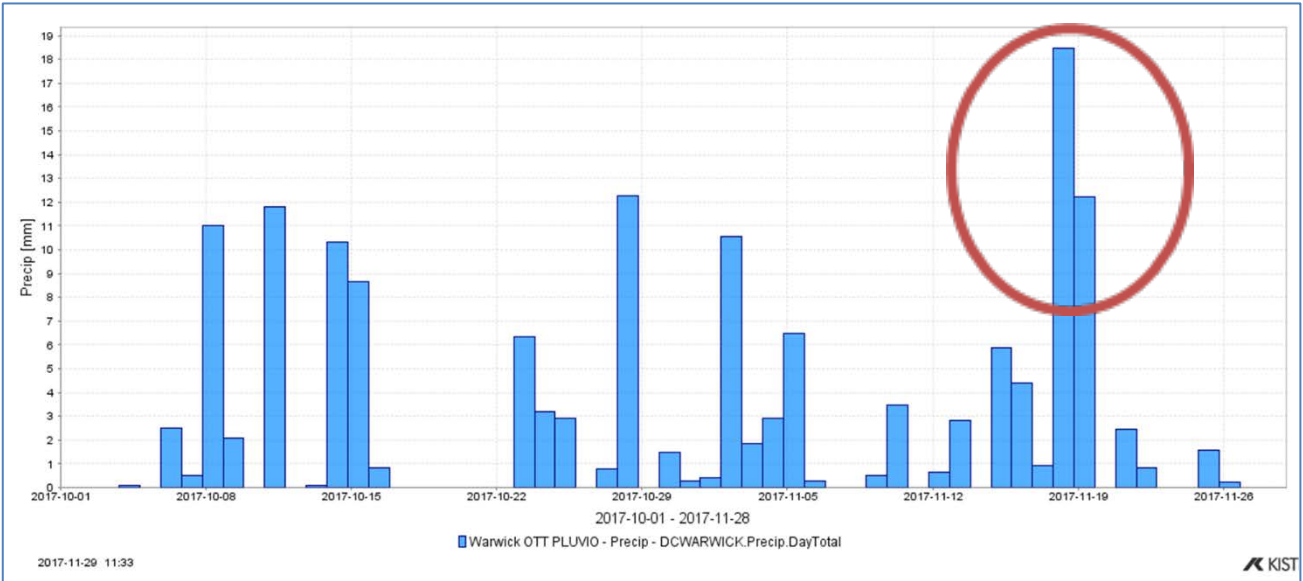
Watershed Stream Flow

Fig 1. Wallaceburg Flow and Precipitation (October - November 2017)



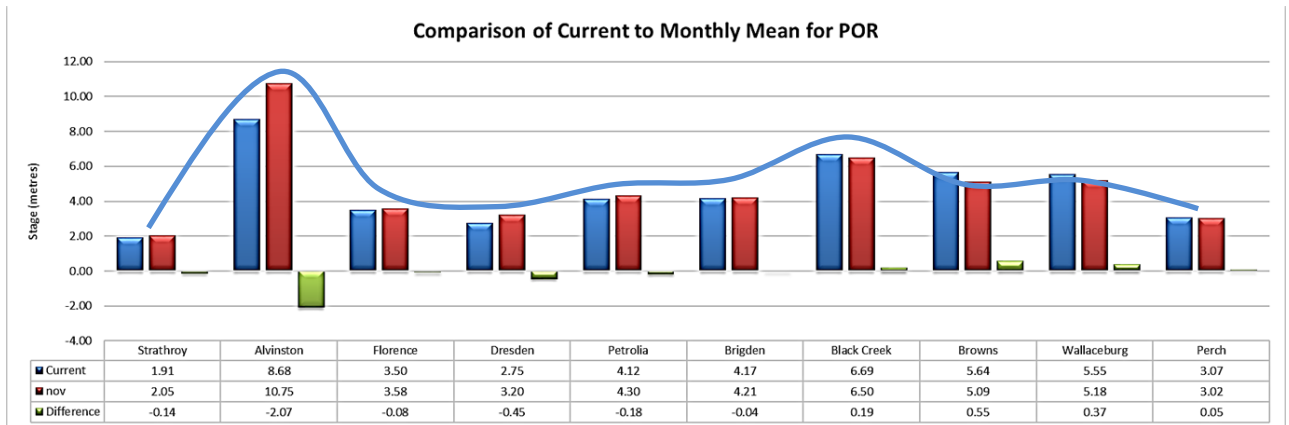
- An overview of precipitation and the associated flow (fig 1) at Wallaceburg during October and November identifies an average response to rain events increasing flows by no more than 20cm at the gauge. With milder temperatures, precipitation fell as rain and was quickly absorbed by the watershed returning to normal after a few days with the exception of a late November event which caused levels to rise prompting a **Watershed Conditions - Flood Outlook Bulletin**. This resulted from precipitation concentrated upstream in the central areas of the watershed as noted below at Warwick OTT Pluvio High resolution rain gauge (fig 2, red circle)

Fig 2. OTT-Pluvio Rain Gauge Data Warwick CA (Daily Totals, October/November 2017)



- A comparison of monthly flow averages indicate flows in November are very close to normal with the exception of Alvinston (fig 3). As temperatures cool into the winter months flows will continue to moderate to average levels with freezing conditions. January average levels are indicated with the blue line.

Fig 3. Flow Averages for All Hydrometric November 2017)



- Regional precipitation numbers (fig 4) for the last quarter are lower at most stations (71% to 89%) and above average for Windsor and the southern areas of the Watershed resulting in an overall average of 86.7% for the region. Six month rainfall was a little below that at 83% however the full years regional average is right on target at 99.5%

Fig 4. Regional Precipitation 2016 - 2017)

Precipitation (mm)	Sarnia		Strathroy		London		Windsor	
Last Quarter	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
September	44.8	94	42.6	89.8	32	97.7	35.4	96.2
October	61.4	66	92.2	70.8	84.9	77.6	82.8	64.9
November	62	76.4	93.6	94.5	88.4	91.1	140.2	75.5
Averages								
last 3 month totals	168.2	236.4	228.4	255.1	205.3	266.4	258.4	236.6
last 3 month % of normal regional average	71.2%		89.5%		77.1%		109.2%	
	86.7%							
last 6 month totals	345.1	473.1	397.8	483.4	364.9	520.7	521.4	487.9
last 6 month % of normal regional average	72.9%		82.3%		70.1%		106.9%	
	83.0%							
last 12 month totals	761.5	846.8	935.5	945.1	963.3	987	1025.5	918.4
last 12 month % of normal regional average	89.9%		99.0%		97.6%		111.7%	
	99.5%							

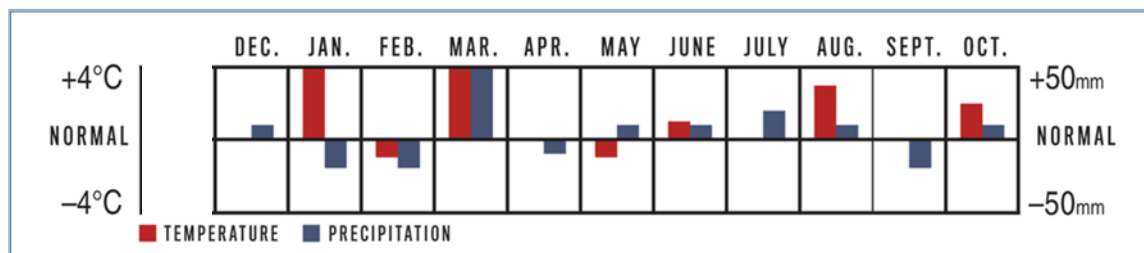
Flood Threat

Based on current conditions we continue to monitor any major rain events as they occur. Several rain events influenced river levels and current weather patterns are anticipated to continue to remain seasonal into the winter months and these are expected to prevail with seasonal flows remaining in the average range. Advisories will be provided as conditions dictate.



Weather Forecast (Weather Network data)

- Short term conditions indicate slightly above normal temperatures and normal precipitation into the first part of December.

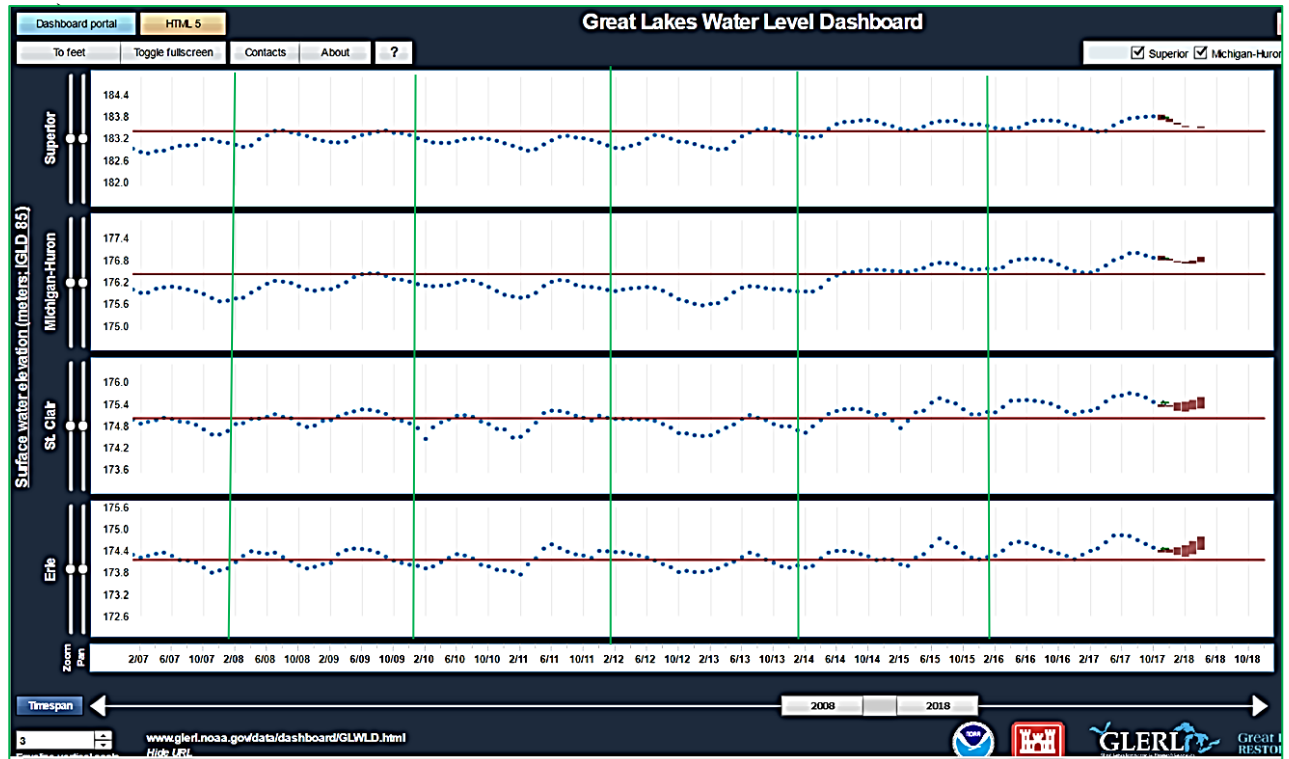


Great Lakes Levels (Canadian Hydrometric, data – October 2017)

The monthly comparison for October 2017 (current available data) indicates that Lake Huron levels higher again (**18cm**) compared to October 2017 suggesting a continued higher trend in local lake levels. Numbers also continue to increase above the 10-year average for Lake Huron by **67cm**. Lake St. Clair levels are higher than last year (**14cm**) and **50cm** above the 10 year average. Both Lake Huron and Lake St. Clair current values (October) continue to remain above the average for the entire period of record by **44cm** and **47cm** respectively.

Fig 5. Lake Levels October, 2017)

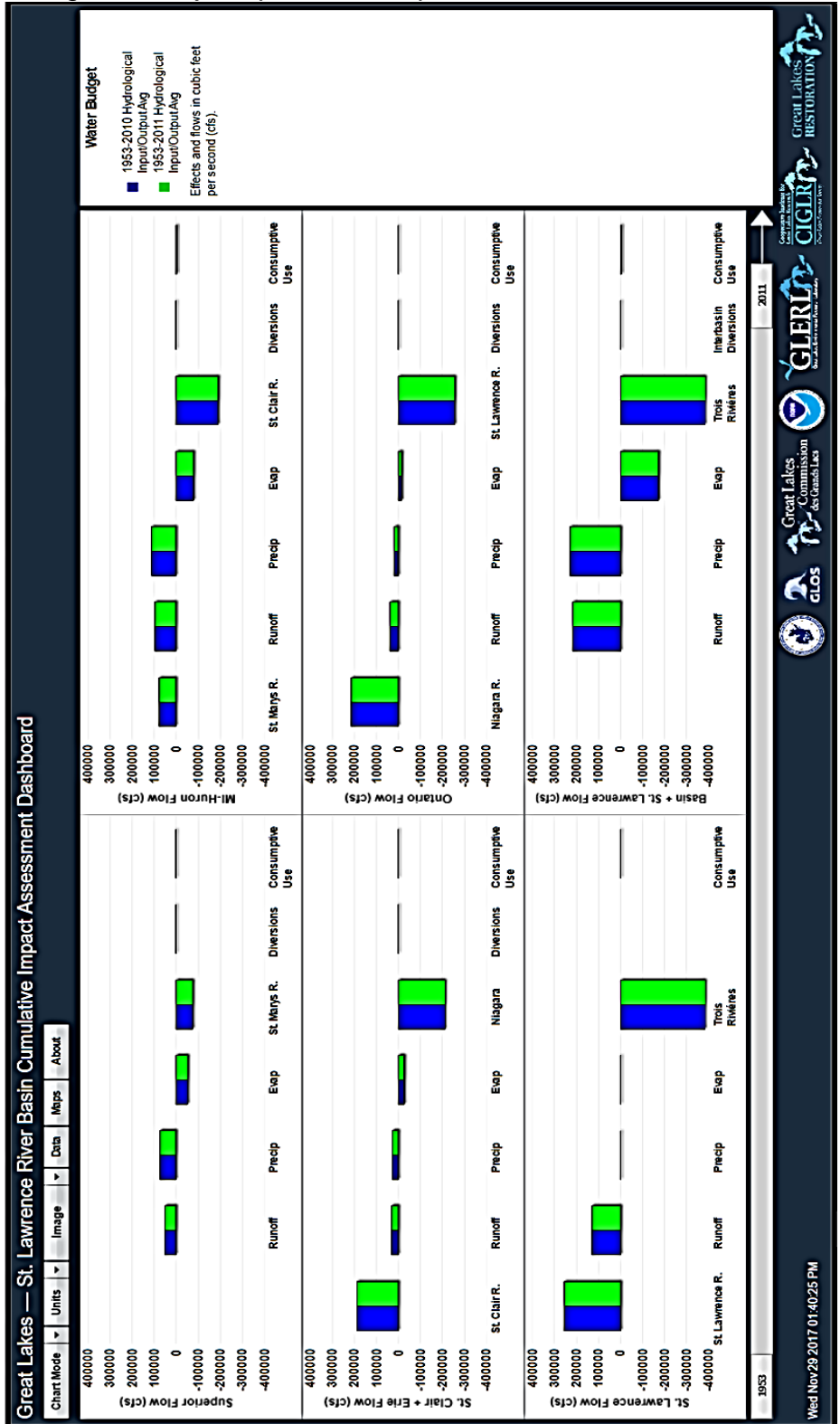
Units	Current Monthly Level	Monthly Level Last Year	Change 2016/2017	Current Month Avg for Last 10	Change Current compared to 10 year	Anticipated Next Month	Average for Month for Period of Record
Lake St. Clair							
Metric (m)	175.46	175.32	0.14	174.96	0.50	175.34	174.99
Imperial (ft)	575.65	575.20	0.46	574.01	1.64	575.26	574.11
Lake Huron							
Metric (m)	176.87	176.69	0.18	176.2	0.67	176.86	176.43
Imperial (ft)	580.28	579.69	0.59	578.08	2.20	580.25	578.84



Great Lakes - cont...

- Research data provided by the Great Lakes Environmental lab outlines the balance or water budget for major inputs and outputs from each of the Great Lakes (fig 6). Continued research in the is area can be used to assist in predicting changes in the basin system and which factors may influence lake levels now and in the future.

Fig 6. Great Lakes Water Budget 1953 to 2011



Staff Report

8.(ii)



To: Board of Directors
 Date: November 30, 2017
 From: Girish Sankar, Director of Water Resources
 Subject: Phase 1 – Courtright Waterfront Park Shoreline Improvements

Status Update: Phase I

- A budget of \$600,000 has been confirmed for the project (St. Clair Township \$300,000; MNRF (WECI) - \$300,000)
- Tenders were advertised for this phase of the project during the week of November 8th
- Tenders closed on 23rd November
- Staff will review the tenders and make the recommendation to the Board Meeting on December 14.
- Staff are coordinating with MNRF and DFO for permits
- Construction is expected to begin early January 2018
- Lowest Tender is by Bre-Ex Construction Inc for \$441, 453.60 Inclusive of H.S.T

Courtright Waterfront Park Shoreline Improvements – Phase 1

Nov 23, 2017 - 2:05 pm

St. Clair Region Conservation Authority Administrative Offices

Tender Results are provided below:

Firm's Name	Tender Deposit (Bid Bond)	Agree to Bond	Tender Price	Comments
Murray Mills Excavating & Trucking (Sarnia) Ltd.	✓	✓	611,098. ³⁵	
Amico Infrastructures (oxford) Inc	✓	✓	556,057. ⁷⁵	
Ontario Construction Company Ltd	✓	✓	535,953. ³⁵	
Babock Marine				
Bre-Ex Construction Inc	✓	✓	441,453. ⁶⁰	
Facca Incorporated	✓	✓	484,826. ⁵⁰	
Atlantis Marine Construction Canada Inc	✓	✓	586,164. ⁹⁰	

Staff Report

8.(iii)



To: Board of Directors
Date: November 30, 2017
From: Girish Sankar, Director of Water Resources
Subject: Phase 1 – Brights Grove – Kenwick Street to Helen Avenue

Status Update: Phase I

- A budget of \$600,000 has been confirmed for the project (St. Clair Township \$300,000; MNRF (WECI) - \$300,000)
- Tenders were advertised for this phase of the project during the week of November 13th
- Tenders closed on November 30th
- Staff will review the tenders and make the recommendation to the Board Meeting on December 14.
- Construction is expected to begin early January 2018
- Awaiting permit from DFO
- Lowest Tender is by Atlantis Marine Construction Canada Inc for \$531, 828.85 Inclusive of H.S.T

Nov 30, 2017 - 2:05 pm
St. Clair Region Conservation Authority Administrative Offices
Phase 1 – Brights Grove – Kenwick Street to Helen Avenue

Birnam Excavating Ltd				
Cope Construction Company				
Galcon Marine Ltd				
R.Russell Construction				
✓ Van Bree Drainage & Bulldozing Ltd			650,710.50	
✓ BlueCon Construction			721,656.42	
✓ Dicocco Contracting			680,498.40	

Nov 30, 2017 - 2:05 pm

St. Clair Region Conservation Authority Administrative Offices

Phase 1 - Brights Grove - Kenwick Street to Helen Avenue

Firm's Name	Tender Deposit	Agree to Bond	Tender Price	Commen
✓ Amico Infrastructures (oxford) Inc			561,842.22	
Ontario Construction Company Ltd				
✓ Bre-Ex Construction Inc			711,188.96	
Murray Mills Excavating & Trucking (Sarnia) Ltd.				
Facca Incorporated				
✓ Atlantis Marine Construction Canada Inc			531,828.85	
✓ All Season Excavating			805,577.00	
✓ J-AAR Excavating Limited			685,356.30	

Staff Report

9. (i)

To: Board of Directors
From: Jessica Van Zwol, Healthy Watershed Specialist
Report Date: November 22, 2017
Meeting Date: December 14, 2017
Subject: Healthy Watersheds Programs Outreach Update

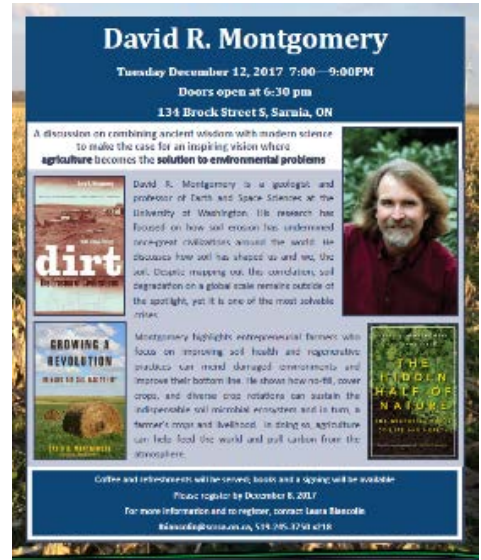
Upcoming Events:

David R. Montgomery Lecture – December 12, 7-9 pm Sarnia

David R. Montgomery is a geologist and professor of Earth and Space Sciences at the University of Washington, Seattle. His research has focused on how soil erosion has undermined once-great civilizations around the world. He will discuss how soil has shaped us and we, the soil. Despite mapping out this correlation, soil degradation on a global scale remains outside of the spotlight, yet it is one of the most solvable crises.

Montgomery highlights farmers who focus on improving soil health and regenerative practices can mend damaged environments and improve their bottom line. He shows how no-till, cover crops, and diverse crop rotations can sustain the indispensable soil microbial ecosystem and in turn, a farmer's crops and livelihood. In doing so, agriculture can help feed the world and pull carbon from the atmosphere.

Montgomery will be joining us in Sarnia to discuss his research combining ancient wisdom with modern science to make the case for a vision where agriculture becomes the solution to environmental problems. The event is free and all are welcome – farmers, gardeners, and the community!



Soil Health Conference – February 15, 2018, Chatham

We are really looking forward to our upcoming Soil Health Conference! Frank Gibbs (Wetland and Soil Consulting Services, LLC) worked for the USDA in Ohio for 36 years and will speak on BMPs in hydric soils. Dr. David Lobb (University of Manitoba) will share on the economics of soil loss through wind, water and tillage erosion. Dr. Wendy Taheri (Terra Nimbus) is a specialist in arbuscular mycorrhizal fungi & plant growth. Dale Cowan (AGRIS and Wanstead Cooperatives) is a Senior agronomist and sales manager, 4R Nutrient Stewardship Specialist, and 2016 International Certified Crop Adviser of the Year who will speak about local initiatives.

In addition, 15 local farmers will be sharing their experiences on our farmer panel discussions. Panel topics include reducing tillage, cover crop and rotational grazing, erosion control methods, soil stewards on big acres, planting green, and making interseeding work. The event is funded through OMAFRA COA. This will be an Soil Health event to remember!

To register: <https://www.scrca.on.ca/events/soil-health-conference/>

10. (i)

SCRCA Planning Activity Summary for the month of September 2017

Page 1 of 3

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
SEV B19/2017	ADELAIDE-METCALFE	ADELAIDE	LOT 18	CON 5 SER	NAPPERTON DRIVE
LL 17241-02	BROOKE-ALVINSTON	BROOKE	LOT 24	CON 12	LASALLE LINE
FI 2017	LAMBTON SHORES	BOSANQUET	LOT 1	CON 19	MAYLARD AVE
FI 2017	LAMBTON SHORES	BOSANQUET	LOT 5	CON 19	WEST PARKWAY
SUB 39T-MC0401	MIDDLESEX CENTRE	LONDON	LOT 25	CON 10	
LL 17237-01	MIDDLESEX CENTRE	LOBO	LOT 7	CON 7	EGREMONT DRIVE
OPA 43	PLYMPTON-WYOMING	PLYMPTON	LOT 50	CON FRONT	LAKESHORE ROAD
OPA 42	PLYMPTON-WYOMING	PLYMPTON	LOT 8	CON 10	QUEEN STREET
OPA 41	PLYMPTON-WYOMING	PLYMPTON	LOT 5	CON FRONT	EGREMONT ROAD
SEV B05/17	PLYMPTON-WYOMING	PLYMPTON	LOT 1	CON 3	MANDAUMIN ROAD
OPA 4	SARNIA	SARNIA	LOT 8	CON 9	ESTELLA STREET
OP 2017	SARNIA	SARNIA	BLOCKA	CON 0	
FI 2017	ST. CLAIR	MOORE	LOT 8	CON 8	ROKEBY LINE
ZBA 16/2017	STRATHROY-CARADOC	ADELAIDE	LOT 23	CON 2 SER	SECOND STREET

SCRCA Planning Activity Summary for the month of October 2017

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
LL 17286-02	ADELAIDE-METCALFE	ADELAIDE	LOT 1	CON 5 SER	NAPPERTON DRIVE
LL 17304-01	ADELAIDE-METCALFE	ADELAIDE	LOT 29	CON 1 NER	WOOD ROAD
GI 2017	BROOKE-ALVINSTON	BROOKE	LOT 13	CON 1	ABERFELDY LINE
GI 2017	CHATHAM-KENT	CHATHAM	LOT B	CON 4 GORE	MUNICIPALITY WIDE
FI 2017	CHATHAM-KENT	CHATHAM	LOT 24	CON 8	KENT BRIDGE ROAD
FI 2017	DAWN-EUPHEMIA	DAWN	LOT 26	CON 12	BENTPATH LINE
SEV B007/17	DAWN-EUPHEMIA	DAWN	LOT 12	CON 5	IRISH SCHOOL ROAD
SEV B005/17	ENNISKILLEN	ENNISKILLEN	LOT 16	CON 12	OIL HERITAGE ROAD
FI 2017	MIDDLESEX CENTRE	LOBO	LOT 4	CON 8	POPLAR HILL ROAD
FI 2017	MIDDLESEX CENTRE	LOBO	LOT 9	CON 7	COLDSTREAM ROAD
LL 17286-01	MIDDLESEX CENTRE	LONDON	LOT 26	CON 10	SONGBIRD LANE
GI 2017	PETROLIA	ENNISKILLEN	LOT 14	CON 10	FIRST AVENUE
FI 2017	PLYMPTON-WYOMING	PLYMPTON	LOT 16	CON 5	LONDON LINE
GI 2017	PLYMPTON-WYOMING	PLYMPTON	LOT 15	CON 5	LONDON & OIL HERITAG
FI 2017	PLYMPTON-WYOMING	PLYMPTON	LOT 29	CON 9	FISHER LINE
FI 2017	PLYMPTON-WYOMING	PLYMPTON	LOT 9	CON 9	ANDREWS CIRCLE
VAR A34/2017	ST. CLAIR	MOORE	LOT 19	CON FRONT	ST. CLAIR
FI 2017	ST. CLAIR	MOORE	LOT 25	CON 2	OIL SPRINGS LINE
SUB 39T-SC-	STRATHROY-CARADOC	CARADOC	LOT 13	CON 9	COLLINS WAY
SUB 39T-SC1303	STRATHROY-CARADOC	ADELAIDE	LOT 24	CON 3 SER	THORN DRIVE
LL 17292-01	STRATHROY-CARADOC	ADELAIDE	LOT 25	CON 2 SER	SECOND STREET
SEV B17/2017	WARWICK	WARWICK	LOT 6	CON 4 SER	CONFEDERATION LINE

SCRCA Planning Activity Summary for the month of November 2017

File Ref.	Municipality	Geographic Twp	Lot	Concession	Street
LL 17332-02	ADELAIDE-METCALFE	ADELAIDE	LOT 21	CON 3 SER	EVERGREEN COURT
LL 17320-01	CHATHAM-KENT	CHATHAM	LOT 2	CON 18	MURRAY STREET
LL 17325-01	CHATHAM-KENT	DOVER	LOT 11	CON 15	CHENAL ECARTE ISLAND
FI 2017	ENNISKILLEN	ENNISKILLEN	LOT 10	CON 14	MARTHAVILLE ROAD
LL 17322-03	MIDDLESEX CENTRE	LOBO	LOT 13	CON 4	NAIRN ROAD
SUB 39T-MC0401	MIDDLESEX CENTRE	LONDON	LOT 25	CON 10	
LL 17310-01	MIDDLESEX CENTRE	LOBO	LOT 10	CON 9	HEDLEY DRIVE
SUB 2015	MIDDLESEX CENTRE	LOBO	LOT 6	CON 8	ILDERTON ROAD
FI 2017	MIDDLESEX CENTRE	LOBO	LOT 8	CON 9	QUAKER LANE
OPA 32	PLYMPTON-WYOMING	PLYMPTON	LOT 5	CON FRONT	EGREMONT ROAD
VAR A07/17	PLYMPTON-WYOMING	PLYMPTON	LOT 22	CON 8	FISHER LINE
LL 17311-01	PLYMPTON-WYOMING	PLYMPTON	LOT 40	CON FRONT	BLUEPOINT DRIVE
FI 2017	POINT EDWARD	SARNIA	LOT 69	0	CHARLES STREET
FI 2017	SARNIA	SARNIA	LOT 26	CON FRONT	VIDAL STREET
GI 2017	SARNIA	SARNIA	LOT 12	CON 5	BLACKWELL SIDEROAD
LL 17332-01	SARNIA	SARNIA	LOT 73	CON FRONT	DERBY LANE
LL 17334-01	SARNIA	SARNIA	LOT 63	CON 9	CATHCART BLVD
LL 17321-01	SARNIA	SARNIA	LOT 6	CON 9	LAKESHORE ROAD
GI 2017	SARNIA	SARNIA	LOT 74	CON FRONT	MUNICIPALITY WIDE
FI 2017	ST. CLAIR	MOORE	LOT 21	CON 12	LADYSMITH ROAD
SUB 38T-16002	ST. CLAIR	MOORE	LOT 27	CON 11	
VAR A38/17	ST. CLAIR	MOORE	LOT 31	CON FRONT	ST. CLAIR PARKWAY
LL 17319-01	ST. CLAIR	SOMBRA	LOT 16	CON 14	KIMBALL ROAD

File Reference Codes:

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

Meetings

September

- 1 – Presentation at Ontario Building Inspectors Meeting – M. Deisley, D. Cundick
- 14 – Sarnia Tree By-law Meeting, S. Hodgkiss, E. Ogden
- 25 – Plympton – Wyoming OPA 41, 42, 43, P. Hayman
- 26 – CA Level Two Regulations Training – D. Cundick
- 28 – Errol Road Drain On-Site Meeting, P. Hayman, E. Ogden

October

- 2 – Bright's Grove Golf Course Redevelopment Council Meeting City of Sarnia, E. Ogden
- 2 – CA Best Mgt Practices FOI, P. Hayman
- 3-5 – OPPI Professional Planners conference – P. Hayman
- 5 – Green Infrastructure Workshop, S. Hodgkiss, M. Deisley, E. Ogden
- 6 – Kafco Subdivision meeting – E. Ogden, S. Hodgkiss

11 – Planning Ecology Meeting at Credit Valley Conservation – S. Hodgkiss

Page 3 of 3

12 – Pre-consultation meeting Town of Plympton-Wyoming Reece’s Corner, E. Ogden

18 – CA Level Two Regulations Training, D, Cundick

20 – Ontario West Planners Forum, P. Hayman, E. Ogden

30 – PW Council mtg re B Zantingh OPAs, P. Hayman

November

2 – Pre-consultation Meeting Town of Petrolia First Ave, E. Ogden

14 – Joint CA site mtg Violation and Drainage Act petition Zsoldos Drain CK, P. Hayman, D. Cundick, K. Smith, E. Carroll

14 – OPA 32 PW L. Lawlor meeting, P. Hayman, G. Sankar

16 – Metcalfe Pines Development Strathy-Caradoc, P. Hayman, E. Ogden

16 – Pre-consultation meeting 946 Blackwell Sideroad, Sarnia – S. Hodgkiss

21 to 23 – Latornell Conference, S. Hodgkiss, E. Ogden

24 – conference call, J. Coutts, CK enforcement Dresden, P. Hayman

ST. CLAIR REGION CONSERVATION AUTHORITY REGULATIONS ACTIVITY REPORT

October, 2017

TO: SCRCA Chair and Board of Directors

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

FROM: Dallas Cundick, Environmental Planner / Regulations Officer
Melissa Deisley, Regulations Officer

A summary of staff activity related to the Conservation Authority's *Development, Interference of Wetlands and Alterations to Shorelines and Watercourses Regulation* (Ontario Regulation 171/06 under Ontario Regulation 97/04) is presented below. This report covers the period from September 1, 2017 to October 31, 2017.

September 1, 2017 to September 30, 2017

Application No.	Applicant and Subject Property	Proposed Works <i>Permissions may be granted where in the opinion of the CA, the control of Flooding, Erosion, Dynamic Beach, Pollution, or the Conservation of Land will not be affected by the development.</i>	Submission Complete:
			Permit Issued:
11300	White Pine Road Mun. Brooke-Alvinston	<ul style="list-style-type: none"> Integrity Dig Application package submitted by Sun Canadian Pipelines and Terrapex Disturbed areas will be returned to original condition 	21/09/2017
			21/09/2017
11303	667 St. Clair Parkway Township of St. Clair	<ul style="list-style-type: none"> Construction of a Detached Garage Geotechnical Slope Stability Review completed by Terraprobe 	06/09/2017
			06/09/2017
11311	4864 Forsyth Trail Town of Plympton-Wyoming	<ul style="list-style-type: none"> Construction of a New Dwelling Coastal Report prepared by Shoreplan Engineering Dwelling will be appropriately floodproofed 	06/09/2017
			06/09/2017

11312	Maple Ridge Line Mun. Brooke-Alvinston	<ul style="list-style-type: none"> • Installation of Tile Drain Outlet to Campbell Leitch Drain • Works designed by and installed by Pro Drainage • Disturbed areas will be returned to original condition 	28/07/2017
			05/09/2017
11313	10043 Ilderton Road Mun. of Middlesex Centre	<ul style="list-style-type: none"> • Construction of a New Single Family Dwelling • Septic prepared by BOS Engineering • No proposed works within 15m of wetland; 	24/08/2017
			12/09/2017
11314	826 Tudor Close West City of Sarnia	<ul style="list-style-type: none"> • Shoreline Protection Works • Works designed by Shoreplan Engineering Ltd. 	30/08/2017
			06/09/2017
11315	6622 East Parkway Drive Mun. of Lambton Shores	<ul style="list-style-type: none"> • Roof Reconstruction • No grading, site alterations, development, etc. completed between the proposed works and the Lake Huron Shoreline 	03/08/2017
			29/08/2017
11317	8000 Norma Ave Town of Plympton-Wyoming	<ul style="list-style-type: none"> • Construction of a New Single Family Dwelling • Geotechnical Slope Stability and Streambank Erosion Study completed by Terraprobe • Foundation designed and stamped by Structural Engineers Strik Baldinelli Moniz 	15/09/2017
			18/09/2017
11320	1828 Holt Line Township of St. Clair	<ul style="list-style-type: none"> • Install 100mm Watermain via HDD • Disturbed areas will be restored to original condition 	07/09/2017
			21/09/2017
11321	4074 St. Clair Parkway Township of St. Clair	<ul style="list-style-type: none"> • Construction of a new Detached Garage • Structure will be wet passive floodproofed to 177.3m GSC 	05/09/2017
			21/09/2017
11322	2006 Beachwood Ave City of Sarnia	<ul style="list-style-type: none"> • Construction of a New Single Family Dwelling • Works will be located landward of SSA + 100yr RR 	24/08/2017
			28/09/2017
11323	2569 Knapdale Drive Mun. Southwest Middlesex	<ul style="list-style-type: none"> • Construction of a New Single Family Dwelling • Works will be floodproofed 0.5m above the centreline road elevation of Knapdale Dr 	12/09/2017
			22/09/2017
11324	Jarvis Drain near Baby Road and White Line Township of St. Clair	<ul style="list-style-type: none"> • Jarvis Drain Channel Re-Alignment • Geotechnical Investigation completed by Golder Associates • Engineering completed by Riggs Engineering Ltd. • Works will be completed in dry 	14/09/2017
			29/09/2017
			29/09/2017

11326	358 Hale School Road Township of Dawn-Euphemia	<ul style="list-style-type: none"> • Minor Creek Rehabilitation/Spot Cleanout • No alterations to the watercourse, no straightening or changing the watercourse in any way 	29/09/2017
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October 1, 2017 to October 31, 2017

Application No.	Applicant and Subject Property	Proposed Works <i>Permissions may be granted where in the opinion of the CA, the control of Flooding, Erosion, Dynamic Beach, Pollution, or the Conservation of Land will not be affected by the development.</i>	Submission Complete:
			Permit Issued:
11319	Plank Road, GWD 330, 230 City of Sarnia	<ul style="list-style-type: none"> • Integrity Dig • Disturbed areas will be returned to original condition or better 	05/10/2017
			06/10/2017
11327	11025 Ivan Drive Mun. Middlesex Centre	<ul style="list-style-type: none"> • Site Drainage Improvements, Increasing Outlet Pipe Size • Detailed Design prepared by Dillon Consulting 	30/08/2017
			04/10/2017
11328	1066 Bruce Street City of Sarnia	<ul style="list-style-type: none"> • Construction of a New Dwelling • Proposed dwelling will be located outside of Shoreline Area 2 • No grading or works required between proposed dwelling and Lake 	19/09/2017
			03/10/2017
11329	2138 Churchill Line City of Sarnia	<ul style="list-style-type: none"> • Construction of Storage Grain Bin • All works will be located greater than 20m from top of bank of the ravine slope of Perch Creek • Drainage will be directed away from the creek 	03/10/2017
			03/10/2017
11330	458 Charlesworth Lane City of Sarnia	<ul style="list-style-type: none"> • Construction of Covered Porch, Breezeway, Detached Garage, and Roof Modifications • Works will be floodproofed to above 179.2m GSC • Works will be landwards of Shoreline Management Area 2 • Roof Modifications are to change flat roof to pitched roof, no changes to existing structure 	16/10/2017
			20/10/2017
11331	Eberts Line Mun. Chatham-Kent	<ul style="list-style-type: none"> • Bridge Rehabilitation – Eberts Line • Detailed Engineered drawings prepared by GM BluePlan Engineering • Appropriate sediment and erosion control will be installed 	11/10/2017
			17/10/2017

11332	420 Walnut Street Mun. Chatham-Kent	<ul style="list-style-type: none"> Garage Addition with Foyer Will be appropriately floodproofed Floor and foundation of existing dwelling will remain unaltered and addition will be flush with existing 	24/09/2017
			16/10/2017
11333	6854 Creekside Drive Town of Plympton-Wyoming	<ul style="list-style-type: none"> Construction of Inground Pool, Shed and Landscaping Works will be located greater than 6m from top of bank, landscaping works 	06/10/2017
			18/10/2017
11334	Holt Line Township of St. Clair	<ul style="list-style-type: none"> Bridge Replacement over West Otter Creek on Holt Line Detailed Engineered drawings prepared by St. Clair Township Drainage and Hydrology Report prepared by MIG Consulting 	21/09/2017
			25/10/2017
11335	4534 Ladysmith Road Township of St. Clair	<ul style="list-style-type: none"> Cathodic Protection Anode Bed Maintenance Similar to integrity dig, disturbed areas will be restored to original grades and condition 	05/10/2017
			25/10/2017
11336	6650 Angler Line Mun. Chatham-Kent	<ul style="list-style-type: none"> Replace 40m of NPS Pipeline Open cut method, sediment and erosion control will be installed All disturbed areas will be rehabilitated to original condition or better and restored to original grades 	27/09/2017
			27/10/2017
11337	387 Northridge Place Township of Enniskillen	<ul style="list-style-type: none"> Construct a new single family dwelling Works will be greater than 15m from top of bank Works will maintain 6m erosion hazard access allowance 	27/10/2017
			27/10/2017
11338	7635 Marsh Line Mun. Chatham-Kent	<ul style="list-style-type: none"> Proposed Fill Placement Correspondence from Union Gas Clean fill being brought in, works greater than 15m from watercourse 	07/10/2017
			31/10/2017

November 1, 2017 to November 30, 2017

Application No.	Applicant and Subject Property	<p align="center">Proposed Works</p> <p align="center"><i>Permissions may be granted where in the opinion of the CA, the control of Flooding, Erosion, Dynamic Beach, Pollution, or the Conservation of Land will not be affected by the development.</i></p>	Submission Complete:
			Permit Issued:
11073EXT	1886 St. Clair Parkway St. Clair Township	<ul style="list-style-type: none"> Installation of Discharge Pipe to Hawkins Drain Extension of FA#11073, time elapsed 	10/10/2017
			08/11/2017

11318	Vidal Street South City of Sarnia	<ul style="list-style-type: none"> Integrity Dig Disturbed areas will be returned to original condition or better 	06/11/2017
			07/11/2017
11339	4074 Bluepoint Drive Town of Plympton-Wyoming	<ul style="list-style-type: none"> Foundation Stabilization Engineered drawings prepared by Robert E. Dale Consulting Engineers Existing dwelling and proposed works are landward of SSA+100yr RR 	06/10/2017
			02/11/2017
11340	8380 Olde Drive Mun. Strathroy-Caradoc	<ul style="list-style-type: none"> Construction of New Single Family Dwelling All works greater than 30m from the wetland boundary Septic designed by BOS Engineering 	26/10/2017
			01/11/2017
11341	Hull Road Mun. Strathroy-Caradoc	<ul style="list-style-type: none"> Install 70m of NPS 2" Pipeline via HDD Sediment and Erosion control will be installed prior to the construction and all disturbed areas will be returned to original condition or better 	02/10/2017
			02/11/2017
11342	2752 LaSalle Line Township of St. Clair	<ul style="list-style-type: none"> Construction of New Single Family Dwelling Letter of review prepared by MIG Engineering, Engineered Basement 	09/11/2017
			17/11/2017
11343	Brown Creek near Old Walnut Road Mun. Brooke-Alvinston	<ul style="list-style-type: none"> Brown Creek Channel Protection and Revetment Detailed Design drawings completed by BM Ross and Associates 	06/11/2017
			16/11/2017
11344	Between Frank St & Victoria St Mun. Strathroy-Caradoc	<ul style="list-style-type: none"> Install New Rectifier Bed Sediment and Erosion control will be installed prior to the construction and all disturbed areas will be returned to original condition or better 	10/11/2017
			16/11/2017
11345	2087 Marion Ave City of Sarnia	<ul style="list-style-type: none"> Covered Deck Proposed works are outside SSA + 100yr RR 	20/11/2017
			29/11/2017

Total No. of Application = 36

Average No. of Days for SCRCA to Issue Permit = 13 Days

Permit Review Timelines are outlined in the document "*Policies and Procedures for Conservation Authority Plan Review and Permitting Activities*" Final Version May 2010, completed by the Conservation Authority Liaison Committee (CALC). In this document it states;

- CAs are to make a decision (i.e. recommendation to approve or referred to a Hearing) with respect to a permission (permit) application and pursuant to the CA Act within 30 days for a minor application and 90 days for a major application.

Recommended and Approved by:

Dallas Cundick, Environmental Planner/Regulations Officer

Melissa Deisley, Regulations Officer

Patty Hayman, Director of Planning

ST. CLAIR REGION CONSERVATION AUTHORITY REGULATIONS ACTIVITY REPORT- VIOLATIONS AND CORRECTIVE ACTIONS

November, 2017

TO: SCRCA Chair and Board of Directors

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

FROM: Dallas Cundick, Environmental Planner/Regulations Officer

File	Background
FV # 201604 Lot 8, Con Front, Plympton Town of Plympton-Wyoming County of Lambton	<ul style="list-style-type: none"> • Unauthorized New Groyne Construction; • On Crown Land, MNRF requiring permit under <i>Public Lands Act</i>; • SCRCA working with landowner on application for works undertaken;
FV # 201605 Lot 7, Con 10, Plympton Town of Plympton-Wyoming County of Lambton	<ul style="list-style-type: none"> • Unauthorized Deck Construction; • SCRCA working with landowner on application for works undertaken;
FV # 201606 Lot 7, Con 10, Plympton Town of Plympton-Wyoming County of Lambton	<ul style="list-style-type: none"> • Unauthorized Deck Construction; • SCRCA working with landowner on application for works undertaken;

FV # 201610 Lot 39, Con Front, Plympton Town of Plympton-Wyoming County of Lambton	<ul style="list-style-type: none"> • Unauthorized Shoreline Protection Works; • SCRCA is investigating further with solicitor; • Notice of Violation sent to Contractors;
FV # 201701 Lot 6, Con 19, Bosanquet Lambton Shores County of Lambton	<ul style="list-style-type: none"> • Unauthorized Dune Grading Works; • SCRCA working with MNRF; • SCRCA to send violation notice;

Recommended and approved by:

Dallas Cundick, Environmental Planner/Regulations Officer

Melissa Deisley, Regulations Officer

Patty Hayman, Director of Planning

Staff Report

10. (iii)



To: Board of Directors
Date: November 27, 2017
From: Planning Department
Subject: Oct 13, 2017 Hamilton Spectator, "Cracks in the Foundation" - Municipal request to save or buy homes on Escarpment due to erosion

Attached is an interesting article on erosion from slopes that are made of hard-capped shale of the Niagara Escarpment (consolidated material 1). SCRCA slopes are unconsolidated material and are even more vulnerable to erosion. This article had been circulated previously in a Board report news clippings section; however, it was felt it was worthwhile to separate and highlight.

The City is offering to purchase a homeowners property based on compassionate grounds.

The article is provided for information only.

1 "**Consolidated sediments**" is essentially solid rock made from materials that have been metamorphosed **or** cemented together. ... Geologic processes over time can fold, break, erode, and change (metamorphose) **sedimentary** rocks. **Unconsolidated sediments** are loose materials, ranging from clay to sand to gravel.

Cracks in the foundation | The price of living on the edge

Donna Dobroski's home is slowly sliding into the valley. It's not just her problem — it's a problem for all taxpayers

NEWS Oct 13, 2017 by Matthew Van Dongen | Hamilton Spectator

Welcome to the first part of Living on the Edge, a three-part series by Spectator reporter Matthew Van Dongen.

Hamiltonians already know fighting gravity is an uphill battle. They're used to the unique challenges of hosting a Mountain in the middle of their city, like paying more for snow-clearing, replacing brake pads more often and watching more closely for falling rocks than your average city slicker.

Many residents will argue it's a small price to pay for fantastic vistas, trails, parks and waterfalls. But the cost of that beloved geography is now on the rise — for all taxpayers, whether you live on the edge or not — thanks to a mix of historically-bad planning, surprisingly good marketing and an inexorably-changing climate.

The city is being asked to save or buy homes historically built too close to the edge. Escarpment rocks — and the walls meant to keep them in place — are falling more often on our Mountain-climbing roads. Even our visitors are literally falling for our waterfalls with alarming frequency.

The proposed solutions to those problems come with big dollar signs and tough questions.

Do we have a moral or legal obligation to buy homes teetering on the brink? Do we spend tens of millions of dollars protecting motorists on escarpment roads but put off Mountain-climbing bike lanes? Should we fence off nature to save careless visitors from themselves?



How much longer will it lean? Donna Dobroski in her backyard where the fence teeters over the Red Hill Valley.



Donna Dobroski's distress: The corner of her house has settled, causing an ugly crack in the brick wall due to erosion into the Red Hill Valley behind her home.



Donna Dobroski is asking the city to buy her house before it falls off the edge of a cliff into the Red Hill valley. The city is receiving such requests more frequently and has asked a Mac prof to study erosion rates along the escarpment to evaluate future risk.



Donna Dobroski's fence is falling over due to erosion behind her house.



The garage floor of Donna Dobroski's home is being split by a crack.



A retaining wall of railway ties was installed behind her Donna Dobroski's house. It was later reinforced with concrete blocks, above.



Donna Dobroski is asking the city to buy her house before it falls off the edge of a cliff into the Red Hill valley. The city is receiving such requests more frequently and has asked a Mac prof to study erosion rates along the escarpment to evaluate future risk.

The Red Hill Valley is slowly devouring Donna Dobroski’s precariously-perched home. The edge of the four-storey-high, forested valley slope — a “dream backyard” for kids before it morphed into a homeowner’s nightmare — is inching inexorably closer to the back door of the brick bungalow at 18 Sinclair Ct.

Over 45 years, erosion has gradually won the battle against three wooden boundary fences, the willow trees planted to stabilize the 12-metre-high slope and even a makeshift retaining wall of stacked cement blocks and railway ties.

But the real problem is an alarming series of cracks spreading through her foundation. Her walls, inside and out. Even the concrete garage floor, one half visibly sunken compared to the other.

The 70-year-old grandmother wanders through her tidy dining room and lifts up strategically-placed family photos to reveal spiderwebs of damage on the walls. She points upwards to a seemingly random piece of wood trim that doesn’t completely hide another crack growing across the ceiling.

She wants to stay, but there’s only so much family photos can do to preserve the structural integrity of your home.

“It’s a heckuva predicament. It breaks my heart to even think about leaving, but common sense tells me I should take whatever help I can get and try to find a new home,” said Dobroski, who appealed to the city for help and is mulling a council purchase offer made on compassionate grounds.

The teetering home is actually a predicament for all Hamilton taxpayers, whether they live on the brink or not.

Climate change is accelerating the consequences of poor planning more than half-a-century ago that allowed hundreds of homes to be constructed close to the top of creek valleys and the scarp edge of urban Hamilton. In some cases, too close. And when the city steps in to help, everyone pays.

A fair question to ask is whether the city is actually obligated to help out scarp-edge homeowners who find themselves on the literal brink of financial ruin.

City lawyers maintain in a report the municipality is not negligent or liable for Dobroski’s predicament.

The longtime homeowner, on the other hand, argued the city should consider fixing the eroding slope since the valley is municipally-owned. The city also made the rules — long since changed — that allowed the home to be built near the edge in the first place.

The city agreed to investigate — and an engineer soon quashed Dobroski’s dreams of staying put, estimating it would cost at least \$250,000 to stabilize the shifting slope. The work would also have meant clear-cutting trees other homeowners depend on to block noise from the Red Hill Valley Parkway.

“He told me this house should never have been built so close to the edge,” said a chagrined Dobroski. “Today, it wouldn’t be.”

Today, the Hamilton Conservation Authority enforces a minimum six-metre setback from “stable top of slope” for such builds. (The city and Niagara Escarpment Commission also have a say on development along the urban scarp edge of the Mountain.)

Those setbacks also grow based on studies of slope and geological stability, risk of erosion from watercourses and other factors. “There’s a lot more science involved today than even 30 years ago,” said watershed engineering director Scott Peck.

So far, the city has not comprehensively studied how many homeowners might be living dangerously close to the edge.

But the conservation authority’s “hazard land” map shows hundreds of residential properties backing onto creek valleys in Hamilton, particularly in the east end.

In the old city, seven estate homes atop the Mountain look directly down on the Claremont Access, while close to 30 houses on Mountain Park Avenue line the urban escarpment edge — including one that doesn't have a backyard at all, only a recently approved deck extension sticking out into the air above the lower city.

Dobroski's home isn't the first to be purchased by taxpayers — and it won't be the last, predicted her ward councillor, Chad Collins. Her home wasn't even the first bought by the city on her street.

Collins said the city has “set a precedent” in the past by offering help on compassionate grounds. “Part of it is recognizing that at the time when these houses were built, in the '40s and '50s, the setback regulations we now have simply did not exist,” he said.

“Now we're seeing the effects of climate change on private and public property. We're seeing it along the Red Hill, we're seeing along escarpment crossings. It's not something we can just ignore ... but the implications are costly.”

The cost of compassionate purchases is certainly on the rise.

Consider:

- City records show a different Sinclair Court home with bowing foundation walls was purchased for \$165,000 by council in 2004 and lumped in with the parkway-building project in the valley below.
- The city paid \$278,000 to buy Abacu Mendonca's Hixon Road home in 2013 after flooding collapsed part of his backyard into the Red Hill valley, leaving his back door less than a hockey-stick-length from the brink.
- The city and Dobroski haven't finalized a deal for her home yet. But market value trends suggest homes on the street are worth between \$300,000 and \$400,000.

The city doesn't always agree to help. But sometimes it still has to pay.

The city denied responsibility for a collapsing east end home nearly two decades ago — but ended up being forced to pay for a drawn-out lawsuit and court-ordered slope monitoring.

The lawsuit with a Quigley Road housing co-op started when a townhouse started to tilt over the edge of the Davis Creek valley. It was condemned by the city and torn down.

It's not clear what the city paid to wage that legal battle over nearly 20 years. But in 2014, a judge ordered the city to monitor slope movement below the co-op as well as foundation cracks in two townhouses for the next decade to ensure no other buildings topple over the cliff.

Teetering house syndrome is certainly more pronounced along the Red Hill Creek and its tributary valleys.

But the city is increasingly turning nervous eyes to the urban escarpment — which in some areas looms 100 metres above the lower city, or as high as Stelco tower.

The Hamilton East Mountain Community Group approached council this spring with a list of concerns about sink holes along the brow and slowly eroding backyards.

“We want the city to pay more attention to what climate change is going to mean for our community,” said Kate Fraser. “There are a lot of people living along the brow.”

Further west, engineers are particularly preoccupied with failing metal retaining walls along the Claremont Access that have repeatedly collapsed or burst apart, leading to road-closing landslides.

Harry Stinson watches nervously from above as the city tries to fix the problem.

“My yard goes right to the edge,” said the well-known developer, who bought his toney cliff-top home above the Claremont about nine years ago. “I can peer over and watch them chewing away at the rock.”

The aging metal bin walls at the top of the access hug the edge of his backyard.

The city now plans to remove all or most of those old metal panels — at a cost of close to \$10 million — but has yet to settle on how to make the bared cliff face safe in future.

A consultant’s report says the ideal option would be to cut large, terraced “steps” into the escarpment slope to minimize future landslides. But doing so “will likely have property impacts” on homeowners living along the brow.

The north end of Stinson’s home is a couple of long strides from the scarp edge. He admits to feeling “unnerved” by the prospect of the city eating away at the cliff below his backyard. “I’m not concerned it’s going to fall down tomorrow, but it does cross one’s mind,” he said.

Stinson emphasizes he doesn’t regret buying the “breathtaking” view overlooking the lower city and harbour, even with the risk to his backyard posed by erosion — and possibly, municipal construction beneath him.

“I’m reminded why I did it every morning when I look out the window,” he said.

“But it is disconcerting to feel like there isn’t really a plan (for access erosion),” he said, noting the city has not contacted him about any implications of wall removal. “I’m not convinced the city really knows how to deal with this.”

The city actually just started working on a new plan: specifically, an escarpment-wide Mountain access maintenance strategy.

The strategy is more focused on preventing rocks from falling on roadways than, for example, the prospect of brow homes tumbling into the lower city.

But the work slated to start this fall will help the city understand how quickly the urban escarpment face is actually disappearing. That has implications for Mountain roadways, infrastructure and, yes, homes.

“I think we need to get a handle on how quickly that erosion is happening,” said Mountain councillor Terry Whitehead. “Maybe someday the city is going to end up debating whether to buy up some of those homes (along the brow.)

“Maybe that’s 40, or 50 or 75 years away — or maybe it’s a lot sooner than we think. The point is, we don’t know.”

That’s part of the reason Hamilton has hooked up with McMaster University professor Carolyn Eyles, who is preparing a hi-tech study of erosion rates along the urban scarp face with help from her students.

But don’t expect an easy answer on how quickly Mountain brow backyards are disappearing. The slow retreat of the hard-capped shale of the Niagara Escarpment has been underway for millions of years, but its progress is not uniform.

“It would be very difficult to give a generic average, because the actual geology, the properties of the rock layers, can vary dramatically even over a 100-metre section,” said the glacial sedimentologist.

“The one thing we know for sure is that it’s going to keep going, so you have to plan for it,” she said.

A hospital on the edge



Donna Dobroski The view from the Sherman Cut of the Juravinski Hospital and Cancer Centre's structural overhang.

In case you wondered, the Juravinski Hospital and Cancer Centre is not about to topple off the edge of a cliff.

Yes, people do wonder.

Typically, they email or write letters to *The Spectator* asking about the uniquely-perched former Henderson hospital whenever a new “escarpment falling down” story is published.

“What kind of engineering considerations went into the rebuilding of parts of Juravinski Hospital directly on the edge of the escarpment?” asked Jim Foreman by email after reading about a new city effort to measure Mountain erosion. “It’s rather breathtaking, really.”

“I hope their research and convictions in the enduring stability of that section of the Mountain is well-founded, for the sake of the patients, employees and taxpayers,” wrote Ancaster resident Beverly Myhal in a letter to the editor after a landslide.

The short answer to everyone’s question comes from Carol Whiteman, a senior project manager for capital development with Hamilton Health Sciences. “The sedimentary rock is solid,” she told *The Spectator*. “That’s why we were able to build so close to the edge.”

There has been a hospital on the brow since 1917. The former Henderson hospital stretched most of the way to the Sherman Cut decades before modern building setbacks came into play.

The four-storey redevelopment finished in 2012 offers patients — particularly long-term stay candidates for bone marrow transplants — one of the best views of the lower city and harbour.

The hospital is separated from the natural scarp edge by parking and Mountain Park Avenue. But the east end of the building comes to within a couple of feet of the Sherman Cut, a narrow, sheer-walled access blasted out of the escarpment rock decades ago to connect the upper city with both legs of the Sherman Access.

Whiteman said hospital redevelopment planners spent “years” studying and then justifying the rationale for redeveloping what is now one of Canada’s busiest cancer centres right on the brink.

She said engineers, geoscientists and other experts had to satisfy regulators and Infrastructure Ontario about everything from the stability of various rock layers to the impact of traffic vibration before the 425,000-square-foot, \$180-million redevelopment got the go-ahead on its current footprint.

Around 50,000 cubic metres of rock was excavated to build a foundation that was reinforced with 120 truckloads of concrete and 40 tonnes of steel rebar.

The city and hospital later shared the cost of installing protective mesh over the wall of the Sherman Cut that lines up with the hospital wall above.

That screen doesn’t stop weather and natural erosion from eating at the wall, of course.

But the city monitors that erosion and the hospital regularly inspects its own facility and so far, no extra protective work is deemed necessary, said Sam Sidawi, Hamilton’s asset management head.

In theory, the rock face underneath the hospital could be shored up with a retaining wall, if needed, he said. “But the hospital is responsible for the structural integrity of its facility,” he noted.

by Matthew Van Dongen
mvandongen@thespec.com
905-526-3241 | @Mattatthespec

www.thespec.com/news-story/7610866-cracks-in-the-foundation-the-price-of-living-on-the-edge/

Staff Report

10. (iv)



To: Board of Directors
Date: November 30, 2017
From: Patricia Hayman, Director of Planning
Subject: Planning and Regulations Technical Guidelines and Procedures Manual
Committee Meeting Summary

- The Committee held its 1st meeting November 28, 2017 at the SCRCA Administration Office.
- The Committee requests the entire draft Manual be reviewed by the Committee before it's first release. The first release of the manual involves circulation to municipal technical focus groups.
- The Committee would like to see a general timeline.
- A detailed public and First Nations communication strategy will be developed in the future. Approximate public release is anticipated for 2018-2019. The communication strategy is to be reviewed and approved by the Committee. This phase of consultation will consider how input is to be received and incorporated. Expertise from the SCRCA Communications Department will be obtained for the development of this strategy; with the focus being Education and Information sharing.
- The next meeting of the Committee is scheduled for Thursday February 8th, 2018 at 9:00 am at the Strathroy Administrative Office.

11. (i)

SCRCA Joint Health & Safety Committee Meeting Minutes Wednesday September 27, 2017, 1:00 pm			Upper Board Room 205 Mill Pond Cres. Strathroy, ON	
Meeting called by:	JHSC Committee		Type of meeting:	Quarterly
Facilitator:	D. Skinner	Minutes:	Alison Seidler	
Attendees:	K. Baker, D. Skinner, S. Hodgkiss, Dallas Cundick			
Guests:				
Please read:	Minutes from previous meeting & come prepared to present information on your Action Items (see 2.1)		Please bring:	Inspection reports
Agenda Items				
1. Motion to approve June 21, 2017 meeting minutes (Kevan) -Moved by Dallas, seconded by Sarah Carried				
2. Business arising from the minutes				
2.1. Review of Action Items <ul style="list-style-type: none"> • Several policies still need to be added to the Health and Safety Manual/track changes log (Dam Safety, Visitor Policy, Violence Policy & Procedure and Harassment Policy & Procedure) <ul style="list-style-type: none"> • Action: Include in H & S Manual or admin manual as appropriate (Dallas) 				
Kevan Baker to report on: <ul style="list-style-type: none"> • External ladder safety training (March 8 2016 - item 4.2; June 8, 2016 - item 2.1 - Jeff; Sept. 21, 2016 - item 2.1 – Kevan; Nov. 30, 2016 – item 2.1 Kevan) – <ul style="list-style-type: none"> ○ 1 staff remaining as of June meeting ○ Continual training for individual departments as required • Evacuation Accountability Plan following review by Supervisors (Nov. 30, 2016 – item 4.2 - Kevan) <ul style="list-style-type: none"> ○ Action: Bring back to Supervisor’s meeting, assign sub-committee members to review (Kevan) • Additional PPE protection recommendations <ul style="list-style-type: none"> ○ Equipment has been ordered and will be provided to the individual ○ Action: Follow up to see if equipment is correct fit, meets requirements to protect worker as discussed (Kevan) 				
3. Area Reports & Workplace Inspections				
3.1. LCH, WWK, AWC, McLean - (Kevan & Don) <ul style="list-style-type: none"> - No issues with WWK - McLean, LCH, AWC 				
3.2. LCH Education Centre – (Kevan) <ul style="list-style-type: none"> - none since last meeting 				

3.3. General CAs - Strathroy, CW, McKeough - (Sarah H.)

- no issues within Strathroy or CW
- McKeough – several concerns brought up by staff
- 1) Shane's desk (main workstation) is metres away from high voltage electrical panel, does this create an unsafe work condition?
- 2) only 'lunchroom' available is within the workshop,
- 3) chemical storage in garage needs to be assessed for safety, may need upgrade to seal on door,
- 4) storage within garage is at capacity and may have potential to cause unsafe conditions with moving equipment in/out
- Action: Girish to consider alternatives to above issues

3.4. Other Departments (JHSC as received)

- Is McLean considered a 'workplace' that needs inspection twice a year? Is once a year sufficient?
- For 2018 inspection schedule, considering adjusting schedule to avoid multiple site inspections in the same month.
- Action: Create schedule at November meeting (all)

4. New Business

4.1. Review of Incident/Injury Investigation Reports since June 21, 2017 meeting (3)

- 1) Dog tick embedded, proper procedure followed, no follow up health care
- 2) Heat stroke, went to hospital after work, lost work time the following day, follow-up procedure followed and suitable accommodations for avoiding in future (pool, air conditioned building, sun umbrella, water, heat advisory)
- 3) Metal tailing within proximity of eye, follow up involved purchasing portable eye wash station, and providing eye protection safety equipment

4.2. Election of new staff representative

-October Staff meeting (Dallas/Sarah)

Action – Kevan and Don to follow up with lands department staff

4.3. Administrative support

– develop terms of reference to request admin department assistance for health and safety committee (circulate meeting dates, prepare agendas, formalize minutes for board package, assist with manual updates, updates to health and safety board at workplaces, update staff safety training matrix, order health and safety/ PPE, etc.
- Action: Bring request to next Supervisor's Meeting (Kevan)

4.4. Upcoming Workplace Inspections

- Henderson – October 19 (Don/Kevan)
- Warwick – October 26 (Don/Kevan)
- Campbell – November 16 (Don/Kevan)
- McLean – December 7 (Don/Kevan)

5. Goals and Objectives in 2017

- 5.1.** To regularly review MOL website to educate ourselves and learn from documented investigations and fines (ongoing)
- 5.2.** To review Health and Safety Manual and make changes as necessary (ongoing)
- 5.3.** To appoint a worker rep. in October, 2017 for a 3-year term (to replace Don Skinner)
- 5.4.** Conduct workplace inspections as required (at least one location each month)
- 5.5.** To encourage supervisors to complete safety reviews and 5-point check lists on a more frequent basis (ongoing)
- 5.6.** To update the JHSC files on the O drive (ongoing)
- 5.7.** To recommend that Supervisors schedule retraining refreshers with their staff, once

per month (ongoing)
5.8. To send occasional Health & Safety Bulletins to all staff (i.e. Hot & Cold Weather Alerts forwarded to all staff as received from Lambton Public Health)

6. Proposed next meeting dates: November 29, 2017

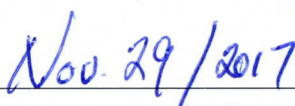
7. Adjournment
-moved by Dallas, seconded by Don
Carried

Misc. Information

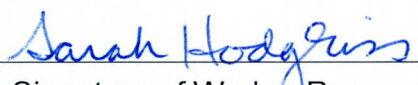
Contacts:	Worker Co-chair: Management Co-chair: Workplace Inspectors: Worker Reps.: Meeting Recorder:	Don Skinner (term completed 30-Nov-2017) Kevan Baker Sarah Hodgkiss, Don Skinner, Kevan Baker Don Skinner, Sarah Hodgkiss, Dallas Cundick Alison Seidler
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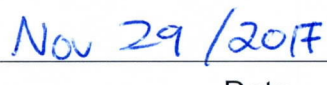
Signature of Co-Chair



Date



Signature of Worker Representative



Date

ST CLAIR REGION CONSERVATION AUTHORITY
Statement of Revenue and Expenditure
For the Ten Months Ended 31/10/2017

	Actual To Date			Annual Budget		Variance from Budget	
	Revenue	Expenditures	Surplus(Deficit)	Revenue	Expenditures	Revenue	Expenditures
Flood Control & Erosion Control	\$824,420	\$488,746	\$335,674	\$557,420	\$557,420	\$267,000	(\$68,674)
Capital Projects/WECI	\$285,792	\$52,148	\$233,644	\$30,000	\$30,000	\$255,792	\$22,148
Conservation Area's Capital Development	\$80,000	\$74,915	\$5,085	\$71,000	\$71,000	\$9,000	\$3,915
IT Capital	\$16,120	\$1,064	\$15,056	\$19,200	\$19,200	(\$3,080)	(\$18,136)
Equipment	\$59,000	\$29,993	\$29,007	\$72,000	\$72,000	(\$13,000)	(\$42,007)
Planning & Regulations	\$396,205	\$375,251	\$20,954	\$502,933	\$502,933	(\$106,728)	(\$127,682)
Technical Studies	\$484,482	\$234,755	\$249,727	\$297,137	\$297,137	\$187,344	(\$62,382)
Recreation	\$1,333,596	\$984,146	\$349,450	\$1,301,890	\$1,301,890	\$31,706	(\$317,744)
Property Management	\$246,836	\$168,950	\$77,885	\$248,430	\$248,430	(\$1,594)	(\$79,480)
Education and Communication	\$167,172	\$203,071	(\$35,899)	\$193,821	\$193,821	(\$26,649)	\$9,250
Source Water Protection	\$163,199	\$83,455	\$79,744	\$175,000	\$175,000	(\$11,801)	(\$91,545)
Conservation Services/Healthy Watersheds	\$1,190,902	\$591,167	\$599,736	\$555,605	\$555,605	\$635,297	\$35,562
Administration/AOC Management	\$686,279	\$666,205	\$20,074	\$1,115,204	\$1,115,204	(\$428,925)	(\$448,999)
	\$5,934,001	\$3,953,865	\$1,980,137	\$5,139,640	\$5,139,640	\$794,361	(\$1,185,776)

Notes:

1. Municipal matching, non-matching, 3-D Special and Recreation levies totaling \$823,855 have been invoiced and are recorded in the actual revenue reported above. See General Levy Report for amounts outstanding.
2. The significant variances from budget to actual is reflective of the nature/timing and uniqueness of the particular projects. The variances will reduce and disappear as the year progresses.

ST. CLAIR REGION CONSERVATION AUTHORITY
DISBURSEMENTS FROM October 25 to November 30 2017

Sarah Kellestine

CHQ. #	DATE	VENDOR	DESCRIPTION	AMOUNT
19371	11/3/2017	INTERNATIONAL EROSION CONTROL	LCH Weir Repair	\$ 8,433.33
19405	11/17/2017	ERNIE HERRINGTON	Gravel and Labor - WECl	\$ 6,503.53
19420	11/17/2017	R.M. Heating & Cooling	Furnace - McLean	\$ 5,424.00
19423	11/17/2017	SHOREPLAN ENGINEERING LTD.	Aamjiwnaang Shoreline - WECl	\$ 31,611.75
				\$ 51,972.61

TOTAL CHEQUE DISBURSEMENTS - BANK #1 -

INTERNET BANKING September to October 24 2017

TRANS #	DATE	VENDOR	DESCRIPTION	AMOUNT
8805	11/30/2017	HYDRO ONE Networks Inc.	Hydro	\$ 14,628.39
8807	11/30/2017	MASTERCARD	Employee Expenses	\$ 8,099.64
8809	11/30/2017	OMERS	Pension	\$ 52,832.58
8811	11/30/2017	RECEIVER GENERAL	Source Deductions	\$ 69,131.08
8813	11/30/2017	RWAM Insurance Administrators Inc	Group Benefits	\$ 11,706.61
8816	11/30/2017	WORKPLACE SAFETY & INS. BOARD	WSIB	\$ 8,445.86
				\$ 164,844.16

TOTAL INTERNET DISBURSEMENTS - BANK NO. 1 -

PAYROLL RUNS

PAYROLL NO. 22	\$	68,822.87
PAYROLL NO. 23	\$	68,404.63
PAYROLL NO. 24	\$	69,439.90
PAYROLL NO.		
PAYROLL NO.		
PAYROLL NO.		
PAYROLL NO.		
PAYROLL NO.		

TOTAL PAYROLL RUNS -

\$ 206,667.40

TOTAL DISBURSEMENTS -

\$ 423,484.17

2017 GENERAL LEVY SUMMARY

GLYSUM2017
Sarah Kellestine
27-Nov-17

MUNICIPALITY	GROSS LEVY	PAID TO DATE	OUTSTANDING
-----	-----	-----	-----
Sarnia	\$ 308,381.00	\$ 308,381.00	\$ 0.00
Chatham-Kent	102,822.00	102,822.00	0.00
Brooke-Alvinston Twp.	12,305.00	12,305.00	0.00
Dawn Euphemia Twp.	18,819.00	14,114.25	4,704.75
Enniskillen Twp.	13,372.00	13,372.00	0.00
Lambton Shores M.	38,420.00	38,420.00	0.00
Oil Springs V	1,529.00	1,529.00	0.00
Petrolia T	18,883.00	18,883.00	0.00
Plympton-Wyoming T	40,012.00	40,012.00	0.00
Point Edward V	18,483.00	18,483.00	0.00
St. Clair Twp.	85,473.00	85,473.00	0.00
Warwick Twp.	15,875.00	15,875.00	0.00
Adelaide Metcalfe Twp.	13,552.00	13,552.00	0.00
Middlesex Centre Twp.	16,494.00	16,494.00	0.00
Newbury V	1,190.00	1,190.00	0.00
Southwest Middlesex M.	8,829.00	8,829.00	0.00
Strathroy-Caradoc M.	64,417.00	64,417.00	0.00
TOTAL	\$ 778,856.00	\$ 774,151.25	\$ 4,704.75
	=====	=====	=====

Staff Report

11. (v)



To: Board of Directors
Date: December 1, 2017
From: Tracy Prince
Subject: Investment Analysis

In 2015 the Authority Board Approved a new investment policy, the policy was shared with our 2 main investors ScotiaMcLeod and BMO Wealth Management.

Analysis after two years:

ScotiaMcLeod – managed fund with a .25% fee disclosed.

Month	Aug 2015	Aug 2016	Oct. 2016
Closing Balance	\$702,092.00	\$732,813.00	\$732,308.00
Month	July 2016	July 2017	Sept. 2017
Closing Balance	\$729,800.00	\$735,854.00	\$738,023.00
After Fees Increase in Market Value	\$27,708.00	\$3,041.00	\$5,715.00
Average Return	3.95%	0.41%	0.78%

Total return since August 2015 5.1%

BMO - GIC investments, fees included in interest rate quote

Month	June 2015	June 2016	Oct. 2016
Closing Balance	\$1,375,367.9	\$1,390,166.43	\$1,392,884.79
Month	May 2016	May 2017	Sept. 2017
Closing Balance	\$1,388,013.07	\$1,407,869.59	\$1,411,375.70
After Fees Increase in Market Value	\$12,645.17	\$17,703.16	\$18,490.91
Average Return	0.91%	1.27%	1.33%

Total return since June 2015 2.6%

Current GIC investments certificates range from .850% to 2.36%, with maturity dates occurring in 2016 to 2021. It is expected that the average return will improve slightly. Longer term certificates are in the 2.36%, the investor is monitoring the availability of higher rate GIC. To ensure low risk, GICs are purchased to the maximum under the Canadian Deposit Insurance requirements and spread across many financial institutions.

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



Non-registered account #440-17189-13

October 31, 2017



Your Investment Report

▶ Account Summary

This table provides an overview of your account; including the opening and closing balance for the reporting period.

Your Investments	Opening Value Oct 1, 2017	Closing Value Oct 31, 2017	Balance on Oct 31, 2017 (CAD\$)
Canadian Dollar Investments			
Cash Account	1,411,375.70	1,411,375.70	1,411,375.70
	1,411,375.70	1,411,375.70	1,411,375.70
Grand Total (CAD\$)			1,411,375.70

Last Statement
Sep 30, 2017 **1,411,375.70**

Important: Please Read

Please examine this account statement carefully and report any errors 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

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.

▶ We're here to help

Our team is dedicated to helping you succeed in meeting all of your wealth management goals. Please call any member of the team referenced below if you have questions about Your Investment Report. Visit bmo.com/nesbittburns for the latest information on investing and wealth planning.

JONATHAN BATCH
Investment Advisor
519-646-3044

Batch Investment Group
www.batchinvestmentgroup.com
Assistant: Sharon Tingley
sharon.tingley@nbpcd.com

DAVID HAAK
Branch Manager
(519) 672-8560

Suite 1900, One London Place, 255 Queens Avenue, London, ON N6A 5R8

BMO Nesbitt Burns Inc. is a Member - Canadian Investor Protection Fund.
Member of the Investment Industry Regulatory Organization of Canada.

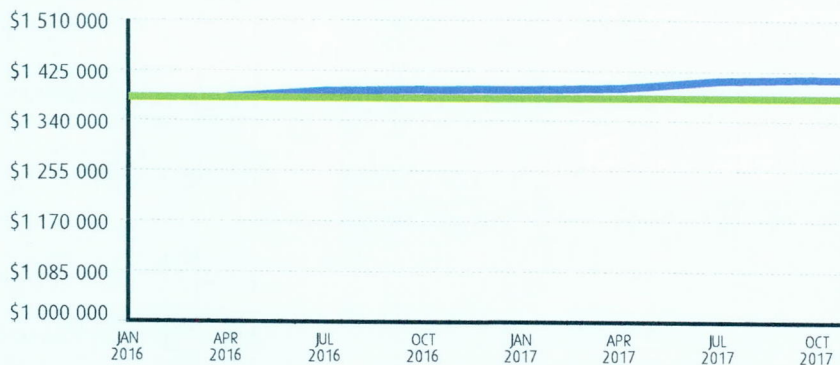
Non-registered account #440-17189-13

► Changes to your account

This table provides a summary of the change in value of your account, including all deposits, withdrawals and the change in market value of your investments, for both the current year and as of the start of reporting. Where applicable, balances have been converted to Canadian dollars, see page 1 for exchange rates.

	This Year (2017)	Since January 1, 2016
Opening Value	1,393,615.14	1,379,179.68
Deposited	+ 0.00	+ 0.00
Withdrawn	- 0.00	- 0.00
Net Invested	= 0.00	= 0.00
Change In Market Value	+ 17,760.56	+ 32,196.02
Closing Value on Oct 31, 2017	1,411,375.70	1,411,375.70

Net Invested is the value of total deposits less the value of total withdrawals.



● MARKET VALUE
● NET INVESTED

The Change in Market Value of your account since January 1, 2016 is \$32,196.02.




This amount includes gains, losses and income received with respect to the investments held in your account.

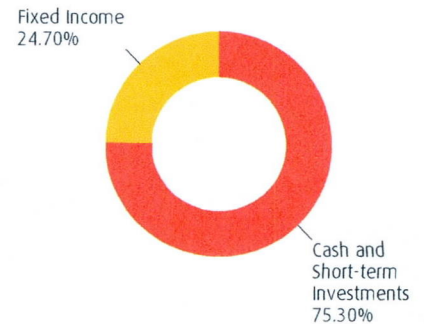
Non-registered account #440-17189-13

▶ Summary of your investments in Canadian dollars

Your Investor Profile

Investment Objective Income
Time Horizon 10 yrs and more

Investment Category	Amount	Target %	Holdings %
 Cash and Short-term Investments	1,061,375.70	10.00	75.30
 Fixed Income	350,000.00	90.00	24.70
 Equities	0.00	0.00	0.00
Total	1,411,375.70		100.00



The investments in your account have been chosen based on the investment objectives you selected on the Client Account Agreement. As your life circumstances change, it is important to talk to your Investment Advisor about updating these objectives as may be applicable.

Your Canadian Dollar Investments

All amounts are reported in Canadian Dollars.

▶ Income you received

Type of Income	Current Month	Year to Date
Interest	0.00	17,760.56
Total	0.00	17,760.56

▶ Your investment details

	Quantity	Cost		Market Value on October 31, 2017	
		Per Unit	Total	Per Unit	Total
Cash Account					
• Cash and Short-term Investments					
CASH			25.70		25.70
BANK OF MONTREAL GIC 30 DAY CASHABLE ANNUAL DUE 11/20/2017 0.850% (See Bulletin board)	243,615	100.000	243,615.00	100.000	243,615.00
VANCITY GIC ANNUAL DUE 02/20/2018 1.350%	301,935	100.000	301,935.00	100.000	301,935.00

Non-registered account #440-17189-13

Your Canadian Dollar Investments (continued)

All amounts are reported in Canadian Dollars.

▶ Your investment details (continued)

	Cost			Market Value on October 31, 2017	
	Quantity	Per Unit	Total	Per Unit	Total
CONCENTRA BANK GIC ANNUAL DUE 06/08/2018 1.550%	87,000	100.000	87,000.00	100.000	87,000.00
PEOPLES TRUST GIC ANNUAL DUE 06/08/2018 1.800%	88,000	100.000	88,000.00	100.000	88,000.00
VANCITY GIC ANNUAL DUE 06/08/2018 1.250%	87,000	100.000	87,000.00	100.000	87,000.00
BMO TRUST COMPANY GIC ANNUAL DUE 08/20/2018 1.400%	153,800	100.000	153,800.00	100.000	153,800.00
LAURENTIAN BANK GIC ANNUAL DUE 08/20/2018 1.460%	100,000	100.000	100,000.00	100.000	100,000.00
Subtotal			1,061,375.70		1,061,375.70
Fixed Income					
Fixed Income					
CANADIAN WESTERN BANK GIC ANNUAL DUE 05/13/2019 2.200%	100,000	100.000	100,000.00	100.000	100,000.00
EQUITABLE BANK GIC ANNUAL DUE 05/13/2019 2.200%	100,000	100.000	100,000.00	100.000	100,000.00
HOMEQUITY BANK GIC ANNUAL DUE 05/13/2021 2.220%	50,000	100.000	50,000.00	100.000	50,000.00
PRESIDENT'S CHOICE BANK GIC ANNUAL DUE 05/13/2021 2.360%	100,000	100.000	100,000.00	100.000	100,000.00
Fixed Income Subtotal			350,000.00		350,000.00
Subtotal			350,000.00		350,000.00
Total for Cash Account			1,411,375.70		1,411,375.70
Total Canadian Dollar Investments			1,411,375.70		1,411,375.70

Average cost and market price indicator descriptions can be found in Important information about your account at the end of this statement.

Non-registered account #440-17189-13

▶ Account activity for this month

Date	Activity	Description	Quantity	Unit Price	Commission	Amount
Cash Account						
Oct 1, 2017		Opening Cash Balance				25.70
		<i>No Account Activity</i>				
.....						
Oct 31, 2017		Closing Cash Balance				25.70

This report includes only activity recorded in your account since your last report. For a more comprehensive listing of your account activity, sign into your BMO Nesbitt Burns Gateway at: <https://gateway.bmonesbittburns.com>.



Non-registered account #440-17189-13

Your Year-to-Date Fees Summary

▶ Fees you paid

This section summarizes all compensation received by BMO Nesbitt Burns with respect to your account. Our compensation comes from two sources: what we charge you directly (Operating and Transaction Charges), and what we receive through any third parties.

	CAD (\$)
Operating charges	
Total operating charges	0.00
Transaction charges	
Total transaction charges	0.00
Total fees you paid in 2017	0.00

▶ Payments BMO received from third parties

	CAD (\$)
GIC Commission	2,090.45
Total payments BMO Nesbitt Burns received from third parties in 2017	2,090.45

▶ Bulletin board

The USD/CAD conversion rate is: 1.2895, as of October 31, 2017

The following security in your Cash Account account 44017189 matures in the near future. Your Investment Advisor Portfolio Manager has investment alternatives.

BANK OF MONTREAL GIC
30 DAY CASHABLE ANNUAL
DUE 11/20/2017 0.850%

Registered accounts with pre-authorized mutual fund purchases may show a difference between the amount deposited and the contribution amount.

The difference is a result of overnight valuation changes between the trade date, and when the trade was entered into the system.

When securities are transferred from one currency to another within your account, they will appear as both a deposit and withdrawal in the changes to your account section of your statement's Your Performance Report.

These values always net out to \$0 and do not impact performance calculations for the account.

Please see examples of standard operating charges in the Important Information about your Account section. Some fees and charges may be reported as before-tax amounts and applicable tax is being reported separately within the 'Sales Tax' line item. Where this is not possible the sales tax is included within the line item. Please contact your Investment Advisor if you have any questions about your 'Year-to-Date Fees Summary'.

Non-registered account #440-17189-13

▶ Important information about your account

About this statement

BMO Nesbitt Burns Inc. shall assume the contents of this statement has been acknowledged as correct, approved and consented by you unless we receive written notice to the contrary within 45 days after it is sent to you.

Please let your Investment Advisor or Branch Manager know if there are any changes in your personal or financial situation so that we can ensure you are on track to meet your investment objectives.

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.

Client cash balances in non-registered accounts are held by BMO Bank of Montreal, and client cash balances in registered accounts are held by BMO Trust Company.

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.

Valuations of the securities positions shown in this statement are provided by BMO Nesbitt Burns and are based on information and sources BMO Nesbitt Burns believes to be reliable. However, the market value cited may be subject to change and we cannot be held responsible if the actual market price differs from the said market price.

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 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/nesbitburns/about/nb/bmonb/regulatory_documents/conflict_s_of_interest.

Price 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 (DSC)

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

Investor protection

Customers' accounts are protected by the Canadian Investor Protection Fund within specified limits. A brochure describing the nature and limits of coverage is available upon request.

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 US Dollar bank account with Bank of Montreal are not insurable under the Act and are not insured by the Canadian Investor Protection Fund.

Securities held by BMO Nesbitt Burns Inc. in your Account as well as any cash held temporarily by BMO Nesbitt Burns Inc. for subsequent credit to the chequing/savings component of your Account are not deposits which are insured under the Canada Deposit Insurance Corporation Act.

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.

You can always reach us.

If you are unable to reach your BMO Nesbitt Burns Investment Advisor, the telephone number indicated on the front page of this statement will connect you with your BMO Nesbitt Burns Branch.

Please record your BMO Nesbitt Burns Branch telephone number for future reference.

A complete list of branches and contact information is available under "Contact Us" at www.bmonb.com.

Due to space limitations on the page, we may have used some abbreviations on your statement. These abbreviations stand for the following: NCI: Non-Certificate Issue (GIC/Mutual Funds); NVS: Non-Voting Shares; RS: Restricted Shares; RVS: Restricted Voting Shares; SUB: Subscription; SVS: Subordinate Voting Shares; WTS: Warrants; RTS: Rights; DSC: Deferred Sales Charge.

Operating Charges

Client households minimum annual fee = \$500; Administration of RRSP/RRIF Fee: \$125 per year; Administration of RESP/TFSA: \$50 per year; Administration of Locked-In RRSP, LIRA, LIF, LRIF Fee: \$62.50 per year; Transfer-out of Non-Registered or Registered Account: Fully and partial: \$135 per account; Partial withdrawal of a Registered Account (excluding TFSA, LIF, LRIF and RRIF): \$25 per request; Full Deregistration of a Registered Account (excluding TFSA): \$100 per account. GST / PST / HST where applicable will be added to these fees.

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

BMO Wealth Management is the brand name for a business group consisting of Bank of Montreal and certain of its affiliates, including BMO Nesbitt Burns Inc., in providing wealth management products and services. "Nesbitt Burns" is a registered trade-mark of BMO Nesbitt Burns Inc., a wholly-owned subsidiary of Bank of Montreal. ©/TM Registered trade-marks of Bank of Montreal, used under licence.

BMO Nesbitt Burns Inc. is a Member - Canadian Investor Protection Fund. Member of the Investment Industry Regulatory Organization of Canada.

BMO Nesbitt Burns refers to BMO Nesbitt Burns Inc. and your account at BMO Nesbitt Burns Inc.



ACPCE07 - 7982
 SWSTM11000_4811321_001 E D **03714** 

Account Number: **460-16010**
 Account Type: Regular Account
 For the Period: **October 1 to 31, 2017**
 Last Statement: September 29, 2017

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

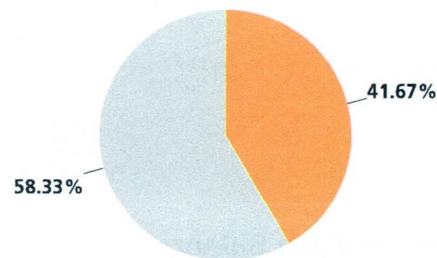
Your Wealth Advisor

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

CANADIAN Account Overview

Currency: CANADIAN DOLLAR

Asset Class Summary	Oct. 31, 2017 Market Value	% of Total Assets
 Fixed Income	308,856	41.67
 Other	432,332	58.33
Total Value of Account	\$741,188	100.00
Total Value on Last Statement, September 29, 2017	\$738,023	



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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)	5,910.319	12.774	75,503	12.839	75,883
CASH	PIMCO MONTHLY INCOME FUND (CANADA) CL M (505)	16,119.353	14.487	233,532	14.453	232,973
Total Fixed Income						\$308,856
Other						
CASH	MACKENZIE GLOBAL TACTICAL INVESTMENT GRADE BD FD SERIES PWF (6526)	22,138.695	9.989	221,164	9.820	217,402
CASH	SIGNATURE CANADIAN BOND CORP CLASS EF NL (15137)	21,707.863	10.282	223,202	9.901	214,930
Total Other						\$432,332
Total Account Holdings				\$753,401	\$741,188	

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. 02, 2017	CASH	DIVIDEND	MANULIFE STRATEGIC INCOME FUND CL F NL (659) REINVEST 09/29/17 @ \$12.8391 PLUS FRACTIONS OF 0.830 BOOK VALUE \$177.57	13		
Oct. 02, 2017	CASH	DIVIDEND	PIMCO MONTHLY INCOME FUND (CANADA) CL M (505) REINVEST 09/29/17 @ \$14.4413 PLUS FRACTIONS OF 0.050 BOOK VALUE \$809.44	56		
Oct. 17, 2017	CASH	FEE	MPP MANAGED PORTFOLIOS			-2,103.54

Monthly Activity - continued

Date	Type	Activity	Description	Quantity	Price	Credit/Debit(-)
			GST/HST 86817 6249 RT0001 QST/TVQ 1019148099 TQ0001 TID#0110F000091333 TID#0110F000091333			
Oct. 20, 2017	CASH	SELL	PIMCO MONTHLY INCOME FUND (CANADA) CL M (505) PLUS FRACTIONS OF 0.704 SOLICITED	-145	14.4371	2,103.54
Oct. 23, 2017	CASH	DIVIDEND	MACKENZIE GLOBAL TACTICAL INVESTMENT GRADE BD FD SERIES PWF (6526) REINVEST 10/20/17 @ \$9.7890 PLUS FRACTIONS OF 0.788 BOOK VALUE \$428.64	43		
Oct. 30, 2017	CASH	DIVIDEND	MANULIFE STRATEGIC INCOME FUND CL F NL (659) REINVEST 10/27/17 @ \$12.8278 PLUS FRACTIONS OF 0.328 BOOK VALUE \$196.63	15		

Closing Cash Balance

\$0.00

Summary

Income Summary

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



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ScotiaMcLeod clients can choose paperless record keeping within *Scotia Online*. Receive monthly statements, trade confirmations, mutual fund prospectuses and annual trading summaries all within the secure environment of your *Scotia Online* account.

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

JTA1870486-0018561-03714-0003-0002-00-

11.(vi)

ST. CLAIR REGION CONSERVATION AUTHORITY
Statement of Operations
AS AT September 30, 2017

	2017 Budget	2017	2016 Audit
Revenue			
Government Grants			
Section 39	310,000.00	310,003.00	310,003.00
Other	318,745.16	1,032,875.68	556,523.00
Municipal levies			
General	778,855.00	778,855.00	701,454.00
Other	195,310.00	190,009.99	203,900.00
Other Revenue			
Contributions	483,635.78	354,187.14	496,881.00
Miscellaneous	1,777,404.37	1,897,093.36	855,141.00
Interest	30,000.00	27,509.95	82,275.00
Conservation areas (Excluding Municipal Levy)	1,245,690.00	1,296,395.77	1,372,283.00
Transfers from reserves	-		0.00
Gain(loss) on disposal of assets			
General	-		
Unrealized gain (loss) on held-for-trading investments	- -	4,676.96 -	4,676.00
Realized gain (loss) on held for trading investments		-	-
	<u>5,139,640.31</u>	<u>5,882,252.93</u>	<u>4,573,784.00</u>
Expenditures			
Administration, Schedule 1	932,224.00	516,244.60	629,018.00
Capital development, Schedule 1	182,600.00	193,643.68	316,304.00
Operating, Schedule 2	2,474,496.31	2,039,131.78	2,526,970.00
Property management, Schedule 2	248,430.00	168,950.17	235,827.00
Conservation area maintenance, Schedule 3	1,301,890.00	984,146.05	1,148,983.00
	<u>5,139,640.31</u>	<u>3,902,116.28</u>	<u>4,857,102.00</u>
Excess (deficiency) of revenues over expenditures before adjustments		1,980,136.65 -	283,318.00
Adjustments for Tangible Capital Assets			
Acquisition of tangible capital assets		-	80,687.00
Amortization of tangible capital assets		- -	532,396.00
Gain/(loss) on sale of tangible capital assets		- -	33,429.00
Proceeds on sale of tangible capital assets		- -	27,358.00
		<u>- - -</u>	<u>512,496.00</u>
Excess (deficiency) of revenues over expenditures before adjustments		<u>-</u>	<u>1,980,136.65 -</u>
		<u>795,814.00</u>	

Proposed Changes to Administration Manual

Page	Section	Item	Section Title	Reason for Change	What has Changed
Throughout Document				Clarification/ wording	Regular Service Permanent Employees
10	3	1.6	Employee Categories	Requirement (OMERS Legislation)	In general, the effective date of participation, in any Authority's insurance plan and in the Ontario Municipal Employee Retirement System shall be the date as required by the OMERS legislation.
10	3	2	Employee Categories	Clarification/ wording	Seasonal Employees, Contract Employees & Other Employees
11	3	2.2.4	Employee Categories	Clarification/ wording	Receive annual vacation pay at the rates stipulated in the Employment Standards Act, subject to amendment, or as negotiated.
11	3	2.2.7	Employee Categories	Requirement (ESA)	May receive sick pay credits, however, credits are not accumulated, unless grandfathered from another category or negotiated. The first 2 days used in the calendar year will count towards the ESA (Employment Standards Act) paid Personal Emergency Leave. If at the time of a qualified ESA Personal Emergency Leave these 2 days have not been used then the employee will be allowed to allocate the first two days from their sick time.
11	3	2.4	Employee Categories	Ontario Labour Standards	Contract employees are generally considered seasonal employees subject to terms of their contract, requirements of benefit carriers, OMERS pension plan and Ontario Labour Standards.
12	4	1.1	Hours of Work & Overtime	Clarification	Monday to Friday inclusive the office is open to the public from 8:30 a.m. to 4:30 p.m. and for staff from 8:00 a.m. to 5:00 p.m. Staff are required to work a 7-hour day with an unpaid lunch, or a 7.5-hour day with an unpaid lunch. If working extended hours and at such other times as directed by the General Manager or Supervisor the workweek hours are 44 per week. Lunch is either 30 minutes or 1 hour unpaid food break, based on Department Head approved work schedule

Proposed Changes to Administration Manual

Page	Section	Item	Section Title	Reason for Change	What has Changed		
12	4	1.2	Hours of Work & Overtime	Clarification	Attendance: All personnel shall maintain individual weekly, monthly, or such other attendance and work records as approved by the Department Head &/or General Manager. These records shall show the employee's name, location, time (day or hours), nature of work and periods of absence with reasons.		
13	4	3.1.1	Hours of Work & Overtime	Removal	General workday hours can be set for either 8:00 a.m. — 4:30 p.m. or 8:30 a.m. — 5:00 p.m. or such other time as approved by the General		
13	4	3.1.1	Hours of Work & Overtime	Clarification	Office staff shall work an additional ½ hour in the day in order to earn ½ hour of S.D.O time (7 ½ hour day). If only a half day is worked, the time worked must be 4 hours (3.5 hours paid, ½ hour earned time) in order to be credited with ½ hour of earned time for that day.		
16	5	1	Summary of Benefits	Based on Board Approved Motion June 22 2017	The cost of each benefit are as follows		
						Authority	Employees
					1. Long Term Disability Plan	90%	10%
					2. Extended Health Care Insurance	90%	10%
					3. Dental Care Plan	90%	10%
					4. Life Insurance Plan	90%	10%
16	5	1	Summary of Benefits	Removal	5. Accidental Death & Dismemberment Insurance	90%	10%
					6. Dependent Life Insurance	90%	10%
16	5	1	Summary of Benefits	Removal	8. Cumulative Sick Pay -- 1.5 days/month	100%	
20	5	4.7	Summary of Benefits	Clarification/ wording	Whenever in a month an employee's days of illness exceed their cumulative sick day credits at the end of such month, the excess days of illness shall not be charged against credit becoming available in the future, and it shall be regarded as days of illness without pay. Exception: when PEL under ESA has not been allocated then unearned sick time can be used.		

Proposed Changes to Administration Manual

Page	Section	Item	Section Title	Reason for Change	What has Changed
21	5	4.12	Summary of Benefits	Requirement (ESA)	The first 2 days used in the calendar year will count towards the ESA (Employment Standards Act) paid Personal Emergency Leave. If at the time of a qualified ESA Personal Emergency Leave these 2 days have not been used through either sickness or bereavement then the employee will be allowed to allocate the first two days from their sick time.
22	5	8	Summary of Benefits	Labour Standards Act	Leave of Absence (all employees with 1 week of service will be entitled to 2 days paid emergency leave as defined under the Labour Standards Act. This paid time may be allocated from unearned or earned sick time if eligible).
22	5	8.1	Summary of Benefits	Requirement (ESA)	Bereavement: Leave of absence with pay may be granted to a regular service permanent employee for up to three (3) days in a case of a death in his/her immediate family and one (1) day in the case of other relatives. Immediate family includes: spouse, mother/father, sister/brother, common-law partner, children, and mother/father-in-law, these include step relationship of the same (as set-out in employment standards). *Employees may use two (2) sick days from their sick leave accumulation to supplement these bereavement leaves. Bereavement leave will count towards your personal emergency leave (PEL) under ESA.
23	5	8.3.1	Summary of Benefits	Clarification/ wording	Personal Emergency Leave- please see Sick Leave Accumulation section 4.12.Both Sick Leave and Bereavement count towards the 2 days paid within the year. If at the time of a qualified ESA Personal Emergency Leave these 2 paid days have not been used through either sick time or bereavement then the employee will be required to allocate the first two days from their paid sick time. If the employee does not have any accumulated sick time and this leave does not fall under bereavement or sick, they will be allowed only for this purpose to borrow 2 days from future earned sick time.

Proposed Changes to Administration Manual

Page	Section	Item	Section Title	Reason for Change	What has Changed
23	5	9.1	Summary of Benefits	Item(s) removed/ section re-numbered (was 9.2)	Any regular service employee, employed with the Authority for 8 weeks immediately preceding estimated day of deliver, is entitled to 17 weeks of unpaid leave of absence for pregnancy. Please refer to Service Canada Employment Insurance for details. The employee must give two (2) weeks' notice in writing, together with a medical certificate estimating the date of delivery, to the Authority when applying for leave of absence due to pregnancy.
23	5	9.2	Summary of Benefits	Section re-numbered (was 9.3)	The employee must give two (2) weeks' notice in writing, together with a medical certificate estimating the date of delivery, to the Authority when applying for leave of absence due to pregnancy. Policy is subject to relevant legislation, please refer to Employment Insurance and current Employment Standards Act or legislation.
23	5	10.1	Summary of Benefits	Item(s) removed/ section re-numbered (was 10.3)	Eligibility: An employee who is a parent and has been employed with his or her employer for at least 13 weeks before the birth of the child or 13 weeks before the child came into parent's custody, care and control for the first time is eligible for unpaid parental leave. Employees must provide their employer with a two weeks written notice prior to start of the leave.
24	5	10.1.1	Summary of Benefits	Section re-numbered (was 10.3.1)	Employees who have given notice to begin their leave may change the notice to an earlier date by providing the employer with 2 weeks' notice before the earlier date or to a later date by giving 2 weeks' notice before the leave was to begin.
24	5	10.1.2	Summary of Benefits	Section re-numbered (was 10.3.2)	Employees who cease work early because the child has arrived earlier than expected must provide the employer within 2 weeks of that date with notice of their intent to take the parental leave.
24	5	10.2	Summary of Benefits	Section re-numbered (was 10.4)	Policy is subject to relevant legislation; please refer to Employment Insurance and current Employment Standards Act or legislation.
24	5	10.3	Summary of Benefits	Removal/ section re-numbered	Employees must provide their employer with a two weeks written notice prior to start of the leave.

Proposed Changes to Administration Manual

Page	Section	Item	Section Title	Reason for Change	What has Changed
46	9	6.2.5	Vehicles and Equipment	Removal	Emergency Medical Services vehicles may idle on scene, provided the anti-theft system is engaged.
48	10	3.5	Uniform Policy	Removal	Or members of the Authority Boards of Directors will be provide with an Authority Logoed Hat as well as a golf shirt or spring/fall coat per biennially.
67	16	5.6	Harrassment & Workplace Violence Policy	Clarification/ wording	Senior Leadership Team: Shall be comprised of the General Manager, and Department Managers Directors
68	16	Title	Harrassment & Workplace Violence Policy	Correction	Section 16 - Harrassment & Workplace Violence Policy
70	16	5.6	Harrassment & Workplace Violence Policy	Addition	Senior Leadership Team: Shall be comprised of the General Manager, and Directors .
98	27	5	Meetings	Removal	Healthy Meetings
98	27	5.1	Meetings	Removal	In order to contribute to the health and well-being of its employees, the Authority wishes to provide leadership to promote healthy eating at workplace functions. Nutritious and safe food and beverage choices shall be provided at all work-related meetings, workshops and other events where food and/or beverages are served.
98	27	5.2	Meetings	Removal	Healthy food and beverage choices (i.e. foods and beverages which have moderate or reduced levels of fat, salt, and sugar, and higher levels of dietary fibre) will be offered at all work related meetings, workshops or corporate functions where food and/or beverages are served.

Proposed Changes to Administration Manual

Page	Section	Item	Section Title	Reason for Change	What has Changed
98	27	5.3	Meetings	Removal	When planning meetings, workshops or events where food and/or beverages are to be served, staff are encouraged to use the attached Guidelines for Offering Healthy Foods at Meets and Catered Events. Inquiries about special dietary requirements or restrictions should be made in advance when possible so appropriate arrangements can be made for participants. For large groups, a vegetarian choice should automatically be provided. As well, the choices should include fruit as an alternative dessert and 100% unsweetened fruit juices, water and decaffeinated coffee as an alternative to coffee.
120	30	4.2	Accountability and Transparency	Correction	Wherever possible, the municipality will engage those that those that it serves throughout its decision making process which will be open, visible and transparent to the public.
157	43	Title	Purchasing & Resource Commitment	Clarification/ wording	Section 43 – Purchasing & Resource Commitmen
165	43	Appendix	Purchasing & Resource Commitment	Clarification/ wording	Designated Staff Authorized to Purchase Goods or Services, and Commit Resources

St. Clair Region Conservation Authority 2018 Budget Summary October 12, 2017

	Budget	Provincial Grant	Other Grant/Program Funds	Matching Levy	Non Matching Levy
Flood Control Operations and Maintenance	\$498,200	\$223,500	\$2,000	\$223,500	\$0
Erosion Control Operations & Maintenance	\$41,000	\$20,500	\$0	\$0	\$0
Capital Projects	\$1,575,500	\$0	\$740,000	\$0	\$0
Source Protection Planning	\$160,400	\$0	\$160,400	\$0	\$0
Planning and Regulations	\$557,155	\$20,000	\$0	\$20,000	\$158,003
TS - Hazard & Flood Information Management	\$13,500	\$4,500	\$0	\$4,500	\$4,500
TS - Lake Huron Shoreline Plan	\$11,253	\$0	\$11,253	\$0	\$0
TS - Aquatic systems monitoring	\$291,066	\$0	\$67,648	\$0	\$33,000
St. Clair AOC Management	\$120,500	\$0	\$120,500	\$0	\$0
Conservation Services	\$674,335	\$0	\$346,580	\$0	\$0
MNR Species at Risk	\$80,000	\$0	\$80,000	\$0	\$0
Recreation	\$1,304,050	\$0	\$0	\$0	\$13,390
Capital Development	\$68,500	\$0	\$0	\$0	\$0
Property Management	\$243,096	\$0	\$0	\$0	\$0
Information and Education	\$232,110	\$0	\$5,000	\$0	\$90,000
IT Capital	\$9,600	\$0	\$0	\$0	\$0
Equipment	\$72,000	\$0	\$0	\$0	\$0
Legal	\$0	\$0	\$0	\$0	\$0
Administration	\$988,322	\$41,500	\$12,000	\$62,000	\$254,962
Total CA Budget	\$6,940,586	\$310,000	\$1,545,381	\$310,000	\$553,855
Employment Programs *	\$75,000	\$0	\$75,000	\$0	\$0
Total Budget	\$7,015,586	\$310,000	\$1,620,381	\$310,000	\$553,855
Percentage of Budget		4.4%	23.1%	4.4%	7.9%

Total Municipal Funding % Excluding Spec Levy

12%

* The Authority assists in the administration of the Employment programs, therefore these items must be approved under the Authority's budget for signing authorization. The funds are only transferred in and out with the Authority having no direct spending controls.

St. Clair Region Conservation Authority 2018 Budget Summary October 12, 2017		
Special Levy	Revenues	Reserves
St. Clair - McK Maint \$2,000	Carryforwards - \$6,200	\$0
C-K- McK Maint - \$38,000, Arda - \$1,000	Other Income - \$2,000	
Sarnia - SECP \$13,000 Pt. Edward - PEECP \$2,000 C-K - Dres RetWalls&CECP \$500 Sarnia - SBCEP \$2,000 C-K - Wallaceburg Walls \$1,000 Strathroy - StrECP \$1,000 St. Clair - Corrunna Ret Wall \$1,000		\$0
St. Clair - \$300,562 Sarnia - \$300,000 C-K - \$10,688	Carryforwards - \$224,250	\$0
\$0	\$0	\$0
	Fees - \$197,152	\$159,000
	Other - \$3000	
\$0	\$0	\$0
	\$0	
\$0	Carryforward \$163,418 Municipal Drain Fees \$12,000 Mussel Workshop \$15,000	\$0
\$0	\$0	\$0
\$0	Fees - \$254,861 Carryforward \$72,894	\$0
\$0	\$0	\$0
Shetland - Dawn-Euphemia \$9,900 Wawanosh - City of Sarnia \$10,000 Clark Wright - Strathroy-Caradoc \$3,100 Bridgeview - Town of Petrolia \$900 Coldstream - Middlesex Centre \$1,300 Crothers - Chatham-Kent \$2,900 Stranak - Chatham-Kent \$7,200 Peers - Chatham-Kent \$1,650 Strathroy - Strathroy-Caradoc \$23,000 McEwen - Plympton-Wyoming \$12,110 Dodge - Lambton Shores \$500	Fees - \$1,136,800 Parking Fees \$8,000 Other Donations \$8,500 (Mclean) \$22,100 Carryforward \$1,950 Rental Income - \$40,750	\$0
\$0		\$68,500
\$0	Rental Income - \$166,400 County of Lambton - \$17,700 Carryforward - \$500 Revenue - \$58,496	\$0
\$0	Fees - \$20,000 Donations - \$65,000	\$52,110
\$0	\$9,600	\$0
\$0	\$72,000	\$0
\$0		\$0
\$0	Rental Income - \$14,900 Interest Income - \$25,000 Foundation - \$31,950 Allocated Admin & IT Costs - \$56,500 Adimn Fees - \$53,500 Oil & Gas Revenue - \$57,000 Carryforward - \$213,242	\$165,768
\$745,310	\$3,023,662	\$445,378
\$0	\$0	\$0
\$745,310	\$3,023,662	\$445,378
10.6%	43.1%	6.3%

**2018 Municipal Funding
Schedule "B"**

Municipality	2017	2018	2017	2018	2017/2018
	CVA	CVA	General	General	General Levy
	Apport.%	Apport.%	Levy	Levy	Increase or (Decrease)
Adelaide Metcalfe Tp	1.7400%	1.7919%	\$ 13,552	\$ 15,479	\$ 1,928
Brooke-Alvinston Tp	1.5799%	1.6459%	\$ 12,305	\$ 14,218	\$ 1,913
Chatham-Kent M	13.2017%	13.0442%	\$ 102,822	\$ 112,683	\$ 9,861
Dawn-Euphemia Tp	2.4162%	2.4895%	\$ 18,819	\$ 21,506	\$ 2,687
Enniskillen Tp	1.7169%	1.8246%	\$ 13,372	\$ 15,762	\$ 2,390
Lambton Shores M	4.9329%	4.9393%	\$ 38,420	\$ 42,668	\$ 4,249
Middlesex Centre M	2.1178%	2.1241%	\$ 16,494	\$ 18,349	\$ 1,855
Newbury V	0.1528%	0.1455%	\$ 1,190	\$ 1,257	\$ 67
Oil Springs V	0.1963%	0.1979%	\$ 1,529	\$ 1,710	\$ 180
Petrolia T	2.4244%	2.5349%	\$ 18,883	\$ 21,898	\$ 3,015
Plympton-Wyoming T	5.1373%	5.2521%	\$ 40,012	\$ 45,371	\$ 5,359
Point Edward V	2.3732%	2.3394%	\$ 18,483	\$ 20,209	\$ 1,726
Sarnia C	39.5941%	39.1424%	\$ 308,381	\$ 338,134	\$ 29,753
Southwest Middlesex M	1.1335%	1.1405%	\$ 8,829	\$ 9,852	\$ 1,024
St. Clair Tp	10.9742%	11.0011%	\$ 85,473	\$ 95,034	\$ 9,560
Strathroy - Caradoc Tp	8.2707%	8.3248%	\$ 64,417	\$ 71,914	\$ 7,498
Warwick Tp	2.0382%	2.0619%	\$ 15,875	\$ 17,812	\$ 1,937
			\$ 778,855	\$ 863,855	\$ 85,000

2018				2017
Flood Control Oper/Maint	Erosion Control Oper/Maint	Recreation	Total Municipal Funding	Total Municipal Funding
			\$15,479	\$14,335
			\$14,218	\$13,016
\$39,000	\$1,500	\$11,750	\$164,933	\$161,263
		\$9,900	\$31,406	\$29,806
			\$15,762	\$14,145
		\$500	\$43,168	\$51,140
		\$1,300	\$19,649	\$18,747
			\$1,257	\$1,259
			\$1,710	\$1,618
		\$900	\$22,798	\$24,874
		\$12,110	\$57,481	\$54,434
	\$2,000		\$22,209	\$21,551
	\$15,000	\$10,000	\$363,134	\$353,198
			\$9,852	\$9,339
\$2,000	\$1,000		\$98,034	\$93,411
	\$1,000	\$26,100	\$99,014	\$95,238
			\$17,812	\$16,792
\$41,000	\$20,500	\$72,560	\$997,915	\$974,165

Staff Report

11.(x)



To: Board of Directors

Date: December 4, 2017

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.

- OLD Win 2003 Server Tower “Hyde” – non-functioning
- OLD Win 2003 Server Tower “GIS-Data” – obsolete, not supported
- C0084 Desktop Tower – non-functioning
- C0092 Desktop Tower - non-functioning
- C0063 Desktop Tower - non-functioning
- LG 17” LCD Monitor - non-functioning - S/N 708NDKD56213
- Lexmark Colour Laser Printer C543dn - non-functioning – S/N 9468NNM
- Linksys 2.4 GHz Wireless Router – obsolete - S/N CDFB0F3A8849
- Linksys 2.4 GHz Wireless Router – obsolete – S/N CDF80E4P4310
- DLink Router – obsolete – S/N R3ET1D3000975
- Misc – broken keyboards/mice/cables